

OCM/ENV/2172/2022

Dated: 28.11.2023

To,
The Joint Director(s)
Ministry of Environment, Forest & Climate Change,
Eastern Regional Office,
Bhubaneswar, Odisha

Sub.: Submission of Six-monthly EC compliance report to the conditions stipulated in the grant order of Environmental Clearance (EC) pertaining to Ostapal Chromite Mines of M/s Ferro Alloys Corporation Limited.

Ref.: Environment Clearance Identification No:EC22B001OR12081, dated 04.04.2022 of Ostapal Chromite Mine of M/s Ferro Alloys Corporation Limited.

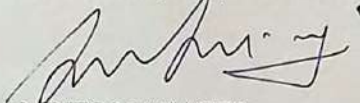
Respected Sir,

With reference to the captioned subject & cited reference, we are herewith submitting six monthly compliance report pertaining to Ostapal Chromite Mines of M/s FACOR Ltd for the period from Apr'2023 to Sept'2023 for your kind perusal.

This is for your Kind Perusal.

Thanking You

Yours faithfully,
for Ferro Alloys Corporation LTD



MINES MANAGER
Ostapal Chromite Mine

Encl.: A/a

CC: 1. The Member Secretary, SEIAA, ODISHA
2. The Member Secretary, SPCB, ODISHA

M/s. Ferro Alloys Corporation Ltd. (A subsidiary of Vedanta Ltd.)


Registered Office:

D.P.Nagar, PO : Randia, Dist.: Bhadrak, Odisha, India - 756 135


T +91-6784 240320/240347, Email: facor.mines@vedanta.co.in / facor.ccp@vedanta.co.in

Website: www.facorgroup.in, CIN: U45201OR1955PLC008400.

Six Monthly Compliance Report to EC of Ostapal Chromite Mines, M/s FACOR LYTD
For The Period April'2023 to September'2023
EC Identification No.: EC22B001OR120821, Dated: 04.04.2022

A.SPECIFIC CONDITIONS:		
1	The mine shall explore implementation of membrane-based technology for removing hexavalent chromium from tailing pond, Surface run off & mine drainage water as proposed	<p>Complied.</p> <p>In this connection, NIT, Rourkela has been engaged since Dt 18.12.2021, & the final report had been submitted to the member secretary via letter number OCM/ENV/1593/2023 dated on 03.05.2023.</p> <p>The details have been submitted in the last six monthly EC compliance dated from October'22 to March'23 Via letter number OCM/ENV/1608/2023 dated on 10.05.2023</p>
2	The mine shall submit copy of the letter to NIT. Rourkela and their response thereof engaging them for the purpose of reduction of hexavalent chromium from tailing pond, surface run off, and mine drainage to SEIAA within one month time period	<p>Complied.</p> <p>Engagement order to NIT Rourkela & their response is already submitted to SEIAA via letter number OCM/ENV/885/2022 dated on 24.04.2022.</p> <p>The details have been submitted in the last six-monthly EC compliance dated from October'22 to March'23 Via letter number OCM/ENV/1608/2023 dated on 10.05.2023</p>
3	The mine shall submit copy of study report conducted by NIT, Rourkela for the purpose of reduction of hexavalent chromium iron tailing pond, Source run off & mine drainage water once study is Over and implement the recommendations of the study. The project proponent shall submit implementation & action plan report to SEIAA	<p>Complied.</p> <p>As per the final report all the precautions/recommendations are implemented. All the suggested precautions are being implemented and maintained as follows: -</p> <ul style="list-style-type: none"> • Discharge of tailing in separate pond • Impervious layer is laid at the bottom of the tailing pond to prevent the mixing of tailing water to the ground water. • Proper SOP of tailing management is maintained. <div>  </div> <p>Further, Implementation of the recommendation report submitted to SEIAA vide letter No. OCM/ENV/1488/2023, dated 29.03.2023</p> <p>The details have been submitted in the last six monthly EC compliance dated from October'22 to March'23 Via letter number OCM/ENV/1608/2023 dated on 10.05.2023</p>
4	Since, mining has already intersected the ground water table; the steps proposed augmentation of ground water resources are not adequate. The project proponent shall put adequate number of recharge pits beyond the zone of influence based on a detailed hydro-geological study. The project proponent shall submit the measures to be undertaken for augmentation of ground water resources along with action plan to SEIAA within one month time period.	<p>Complied.</p> <p>we have conducted a Hydrogeological study and based upon the comprehensive report on ground water condition we have augmented and implemented the recommendations. As per the study the rain-water harvesting structures are as follows:</p> <ul style="list-style-type: none"> • Check-Dams • Garland Drains • Settling Pit • Roof Top Rainwater Harvesting

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		<p>The measures of the ground water augmentation report already submitted to SEIAA vide ref. No – OCM/ENV/897/2022 dated – 30.04.2022</p> <p>The details have been submitted in the last six monthly EC compliance dated from October'22 to March'23 Via letter number OCM/ENV/1608/2023 dated on 10.05.2023</p>
5	The mine shall take adequate measures to minimize the discharge of waste water to Damsala nallah.	<p>Complied.</p> <p>Afforestation are being done more than the proposal, for which treated waste water is being used, as a result discharge to Damsala Nallah is minimized.</p> <p>Further, in addition to that, water supplying for irrigation & moreover It is planned to install one water treatment plant, so as to use the mine wastewater for domestic purpose. So, that discharge to Damasala nallah will be minimize</p> <p>The detailed are mentioned in Annexure - 1</p>
6	All the compliances submitted/ committed by PP shall be strictly adhered to by them.	<p>Complied.</p> <p>It is agreed & strictly followed.</p>
7	Waste should be dumped on the earmarked sites within the mining lease area and no waste should be dumped outside the lease area	<p>Complied.</p> <p>All the generated waste are being disposed inside the Mine only as per approved Mining Plan.</p> <p>The details are enclosed in Annexure - 2</p>
8	<p>The Project Proponent shall start the plantation and cover at least 50% of the proposed area under plantation in the next 5 years. The density of the plantation should not be less than 2500 saplings/Ha. The species to be selected for the plantation should be in consultation with local forest department or any other expert agency engaged for the same. The Project Proponent shall keep the record of saplings planted survival rate area covered under plantation location etc In addition to this gap filling needs to be done to as and when require for maintaining the density of plantation. The PP shall submit the drone images of area before and after the plantation. PP shall carry out pilot study for phyto remediation of hexavalent chromium through IMMT CSIR. Bhubaneswar.</p> <p>The budget earmarked for the plantation shall be kept in separate bank account and audited annually. PP shall submit the detail such as</p>	<p>Complied.</p> <p>It is an existing project. Presently around 17.87 Ha. of the total area covered with plantation. Density of the plantation is around 3000 /Ha.</p> <p>Species are provided by local Forest Department. All the data of sapling planted & survival rate is being recorded. Before & after plantation done photographs are enclosed as Annexure No.-3.</p> <p>And IIMT CSIR , Bhubaneswar has been engaged to carry out the Phyto remediation of hexavalent Chromium. Work is started for which interim report is provided by IIMT, BBER.</p> <p>The details have been submitted in the last six monthly EC compliance dated from October'22 to March'23 Via letter number OCM/ENV/1608/2023 dated on 10.05.2023</p> <p>Project will complete By April'2024.</p> <div>  </div> <p>Plantation work by IIMT Bhubaneswar</p>

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	<p>photographs (before & after with gee location date &time), details of expert agency engaged details of species planted, number of species planted survival rate density of plantation and outcome of the pilot study etc. to the Regional Office of MoEF & CC Bhubaneswar and SEIAA Odisha before 1s July & 1 December of every year for the activities carried out during previous year</p>	<p>All the budgeted amount & expenses done for plantation is being maintained in a separate ledger account & separate Cost Centre. Audit is being done Annually.</p>
9	<p>Approval/permission of CGWA/SCWMA shall be obtained before drawing ground water for the project activities. State pollution control board (SPCB) concerned shall not issue Consent to Operate (CTO) till the project Proponent obtains such permission.</p>	<p>Complied NOC is already obtained from CGWA. Vide Ref No.: CGWA/NOC/MIN/REN/1/2021/6481. The NOC is under renewal. Renewal application is approved by EAC of CGWA on dated 11.7.2023. Renewal application acknowledgement copy is enclosed as Annexure – 4</p>
10	<p>The amount proposed under Corporate Environment Responsibility (CER) head should be kept in a separate bank account and should be audited annually. The PP should annually submit the audited statement and details of implementation of CER activities along with proof of activities viz. photographs (before & after with geo-location date & time), purchase documents, photographs & Geo-location of the infrastructures facilities developed, etc. to the Regional Office of MoEF & CC Bhubaneswar and SEIAA, Odisha before 1st July & 1 December of every year for the activities carried out during previous year.</p>	<p>Complied. Separate General Ledger Account & separate Cost center for this fund has been maintained & which is also audited annually. Details of the activities for the FY 2022-23 with supporting evidences like photographs & purchase documents and letter to collector have been enclosed as Annexure No.- 5 Audited statement is submitted to MoEFCC via letter number OCM/ENV/1951/2023 dated on 13.09.2023 and the details is enclosed as Annexure - 9</p>
11	<p>The amount (except occupational health) proposed under Environmental Management Plan (EMP) head should be kept in a separate bank account and should be audited annually. The PP should annually submit the audited statement and detailed environment monitoring report along with proof of activities viz photographs (before & after with geo-location date & time), purchase documents, sampling reports, photographs& Geo-location of the infrastructures/facilities developed, details of persons engaged in Environment Management Cell etc. to the Regional Office of MoEF & CC, Bhubaneswar and SEIAA, Odisha before 1st July of every year for the activities carried out during previous year.</p>	<p>Complied. Separate General Ledger Account & separate Cost center for this funds has been maintained & which is also audited annually. Audit report along with all activities with supporting documents are submitted herwith annually. Details of expenses done FY 2022-23 towards EMP is enclosed as Annexure No-6 Audited statement is submitted to MoEFCC via letter number OCM/ENV/1951/2023 dated on 13.09.2023 and the details is enclosed as Annexure – 9 Details of the Person engaged for Environment Management Cell details is already submitted to the Member secretary SEIAA vide letter No.: OCM/ENV/865/2022, dated 16.4.2022, is enclosed as Annexure No.-8</p>

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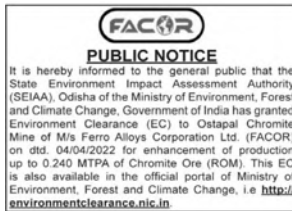

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12	<p>The amount proposed under Occupational Health plan head should be kept in a separate bank account and should be audited annually. The PP should annually submit the audited statement and detailed environment monitoring report along with proof of activities viz. photographs (before & after with geo-location date & time), purchase documents, sampling reports, photographs& Geo-location of the infrastructures/facilities developed. details of persons engaged in Environment Management Cell etc. to the Regional Office of MoEF & CC, Bhubaneswar and SEIAA Odisha before 1st July of every year for the activities carried out during previous year</p>	<p>Complied. Separate General Ledger Account & separate Cost center for this fund has been maintained & which is also audited annually. Audit report along with all activities with supporting documents will be submitted annually. Details of the Expenses towards Occupational Health for the FY 2022-23 is enclosed as Annexure No.-7 Audited statement is submitted to MoEFCC via letter number OCM/ENV/1951/2023 dated on 13.09.2023 and the details is enclosed as Annexure – 9 Details of the Person engaged for Environment Management Cell details is already submitted to the Member secretary SEIAA vide letter No.: OCM/ENV/865/2022, dated 16.4.2022, is enclosed as Annexure No.-8</p>
13	<p>The Project Proponent shall set up an Environmental Management Cell comprises of persons having qualification and experience in the field of environment along with supporting staff. The details of the same needs to be submitted to the SEIAA Odisha within 3 months of the grant of EC</p>	<p>It is complied. Details of the Person engaged for Environment Management Cell is submitted to the Member secretary SEIAA vide letter No.: OCM/ENV/865/2022, dated 16.4.2022, is enclosed as Annexure No.-8</p>
14	<p>The Sub-Committee of SEAC will visit the site within 6 months from the date of issue of Environmental Clearance to ensure implementation of agreed measures However either during the visit of the SEAC Sub-committee and/or at any time if it noticed that stipulated conditions on which EC is granted is not in place or found otherwise, steps will be taken for revocation of EC granted</p>	<p>Complied. All the conditions are strictly complied & being maintained.</p>
15	<p>The Project Proponent shall implement the short term and long-term measures proposed to be taken in order to get rid from the adversity of Cr (V) contamination needs to be implemented and status report of the same along with benefit occurred needs to be submitted to Regional Office of MoEF & CO Bhubaneswar and SEAA Odisha annually.</p>	<p>Complied. NIT, Rourkela & IIMT, CSIR, -Bhubaneswar have been engaged to carry out the study & to suggest the measure to be taken for reduction of contamination. All the measures suggested by NIT Rourkela have been implemented. IIMT, CSIR study is under process, after getting the suggestion, measures will be implemented. Intimation on benefit of implementation of recommendations suggested by NIT, Rourkela has been submitted to Regional Office of MoEF & CC, Bhubaneswar and SEAA Odisha.</p>

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		The details have been submitted in the last six monthly EC compliance dated from October'22 to March'23 Via letter number OCM/ENV/1608/2023 dated on 10.05.2023
16	The Project Proponent shall keep a record of each blasting viz. location, number of holes, delay assigned of each hole, explosive quantity of each hole, blasting pattern etc.	Complied. The record is being kept and maintained. The details are enclosed in Annexure – 10
17	This Environmental Clearance (EC) is subject to orders/ judgment of Hon'ble Supreme Court of India, Hon ble High Court, Hon'ble NGT and any other Court of Law, Common Cause Conditions as may be applicable.	Complied
18	The Project proponent complies with all the statutory requirements and judgment of Hon'ble Supreme Court dated 2nd August,2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Or before commencing the mining operations, if applicable to the Project.	Complied. Letter submitted to Member secretary , Vide letter No.: FACOR/Bhadrak/Legal/109/2022, Dated: 25.4.2022. The details are enclosed in Annexure – 11
19	The State Government concerned shall ensure that mining operation shall not be commenced till the entire compensation, levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of Judgment of Hon'ble Supreme Court dated 2nd August, 2017 in Write Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors as may be applicable.	Complied. Letter submitted to Member secretary, Vide letter No.: FACOR/Bhadrak/Legal/109/2022, Dated: 25.4.2022 The details are enclosed in Annexure - 11
20	This Environmental Clearance shall become operational only after receiving formal NBWL Clearance from MoEF & CC subsequent to the recommendations of the Standing Committee of National Board for Wildlife. if applicable to the Project	It is not applicable as our lease area do not fall under and wildlife area so NBWL clearance is not required.
21	This Environmental Clearance shall become operational only after receiving formal Forest Clearance (FC) under the provision of Forest Conservation Act 1980, if applicable to the project	Complied. We have obtained FC on Dt 07.02.2006, from the Govt. of Odisha. The details are enclosed in Annexure – 12
22	Project Proponent (PP) shall obtain Consent to Operate after grant of EC and effectively implement all the conditions stipulated therein. The mining activity shall not commence prior to obtaining Consent to Establish/ Consent to Operate from the concerned State Pollution Control Board	Complied CTE obtained on dated 31.03.2022. CTO Obtained on 28.06.2022 & valid till 31.03.2026 The details are enclosed in Annexure - 13
23	The PP shall adhere to the provision of the Mines Act. 1952, Mines and Mineral (Development & Regulation), Act. 2015 and	Complied. All the applicable statutory provision under Mines Act '1952 and Mineral

	rules & regulations made there under PP shall adhere to various circulars issued by Directorate General Mines Safety (DGMS) and Indian Bureau of Mines from time to time	(Development & Regulation), Act. 2015 and rules, regulations made are being followed & adhered.
24	The Project Proponent shall obtain consents from all the concerned landowner before start of mining operations as per the provisions of MMDR Act 1957 and rules made there under in respect of lands which are not owned by it.	Complied. Consent from all concerned land owners before starting of the mining operations. The details are enclosed in Annexure - 14
25	The Project Proponent shall follow the mitigation measures provided in MoEF & CC's Office Memorandum No 2-1013/57/2014-IA I (M). dated 29 October 2014 titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or habitation and villages are surrounded by the mine lease area"	Complied. There are no villages in the mine lease area. However, EIA study has been carried out by domain expert. And as per the suggestion of EIA study report, mitigative measures have been taken to avoid the "Impact of mining activities on Habitations" & villages in the Buffer one.
26	The copies of the environmental clearance shall be submitted by the project proponents to the heads of the local bodies, panchayats and municipal bodies in addition to the relevant offices of the government who in turn has to display the same for 30 days from the date of receipt	Complied. It is Submitted to The Collector & District Magistrate, Jajpur, The Sub-Collector, Jajpur, The Tahasildar, Sukinda & The Sarapanch, Kaliapani on dated 07.04.2022 for information. The details are enclosed in Annexure - 15
27	State Pollution Control Board shall be responsible for display of this EC letter at its Regional office, District Industries Centre and Collector's office/ Tahasildar's Office for 30 days.	NA for PP.
28	The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board and web site of the Ministry of Environment, Forest and Climate Change (www.environmentclearance.nic.in) A copy of the advertisement may be forwarded to the concerned MoEF & CC Regional Office for compliance and record.	Complied. Advertisement have been published in two local newspapers within 7 days of issue of the clearance letter.   Copy of the advertisement forwarded to the Joint director MoEF & CC via letter number OCM/ENV/854/2022 dated on 11.04.2022 & to member secretary SEIAA via letter number OCM/ENV/848/2022 dated on 09.04.2022. The details have been submitted in the last six monthly EC compliance dated from October'22 to March'23 Via letter number OCM/ENV/1608/2023 dated on 10.05.2023

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29	The Project Proponent shall inform the MoEF & CC/SEIAA, Odisha for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred than mining operation shall only be carried out after transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time	There is no change in ownership.
B	Statutory Condition:	
(i)	Air Quality Monitoring and preservation	
30	The Project Proponent shall instal a minimum of 1 (one) online Ambient Air Quality Monitoring Stations to monitor critical parameters relevant for mining operations, of air pollution viz PM10, PM25. NO2 CO and SO2 etc. as per the methodology mentioned in NAAQS Notification No. B-29016/20/90/POCIH dated 18.11. 2009 covering the aspects of transportation and use of heavy machinery in the impact zone. The ambient air quality shall also be monitored at prominent places like office building canteen etc. as per the site condition to ascertain the exposure characteristics at specific places The above data shall be digitally displayed within 03 months in front of the main Gate of the mine site	<p>1 Online AAQMS is installed to monitor the critical parameters relevant for mining operations such as PM10, PM25. NO2 CO and SO2</p> <p>AAQ Monitored is installed in other place & also digitally displayed board placed in front of the main gate.</p> <div style="display: flex; justify-content: space-around;">   </div>
31	Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling. metalled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM10 and PM2.5 are evident such as haul road, loading and unloading point and transfer points. The Fugitive dust emissions from each sources shall be regularly controlled by installation of required equipment/machineries and preventive maintenance. Use of Suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system It shall be ensured that air pollution level conform to the standards prescribed by the MoEF & CC/ Central Pollution Control Board	<p>Complied.</p> <p>Following measures have been taken such as</p> <ul style="list-style-type: none"> • Regular haul road maintenance • Use of Road Grader • Wet drilling practice adopted • Transporting vehicle is covered with tarpauline • Wheel washing system provided <p>Two nos. of water sprinkler (12 KL Capacity each) have been engaged for regular sprinkling of water on the as haul road, loading and unloading point.</p> <p>The details of the water sprinkling from April'23 to September'23 is enclosed as Annexure - 16</p> <div style="text-align: center;">  <p>Water sprinkling</p> </div> <p>Further, fugitive dust emission is being monitored regularly. Preventive maintenance is being carried out regularly.</p>

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II	Water Quality Monitoring and Preservation	
32	In case, immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case, mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA and MoEF & CC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.	<p>NOC is already obtained from CGWA. Vide Ref No.: CGWA/NOC/MIN/REN/1/2021/6481.</p> <p>The NOC is under renewal. Renewal application is approved by EAC of CGWA on dated 11.7.2023. Renewal application acknowledgement copy is enclosed as Annexure – 4</p>
33	<p>Regular monitoring of the flow rate of the springs and perennial nallahs flowing in and around the mine lease shall be carried out and records maintain. The natural water bodies and or streams which are flowing in an around the village, should not be disturbed. The Water Table should be nurtured so as not to go down below the pre-mining period. In case of any water scarcity in the area, the Project Proponent has to provide water to the villagers for their use. A provision for regular monitoring of water table in open dug wall located in village should be incorporated to ascertain the impact of mining over ground water table The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department/ State Pollution Control Board</p>	<p>Complied.</p> <p>Flow rate of the Perennial Nalla “ Damasallah Nallha” is being Monitored Regularly & Record being maintained. Report is enclosed as Annexure No.-17</p> <div>  </div> <p>There is no disturbance to any water bodies in around the village.</p> <p>Nos. of rainwater harvesting measures have been taken to augment the water table. So, there is no chance of water table to go below/down.</p> <p>There is no scarcity of water, and the water table is in proper level. Further, drinking water is provided to the nearby villages.</p> <p>Water level & quality is being Monitored regularly by NABL accredited Laboratory and report is also being submitted the Govt. authority in quarterly.</p> <p>The Monitoring report is enclosed as Annexure -Annexure - 18</p>
34	Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining operation in consultation with Central Ground Water Authority/ State Ground Water Department. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry. CGWA and State Groundwater Department/ State Pollution Control Board	<p>Complied.</p> <p>Ground water level & quality being monitored regularly. And report also submitted.</p> <p>The details are enclosed in Annexure - 18</p>

35	<p>The Project Proponent shall undertake regular monitoring of natural water course water resources/ springs and perennial nallahs existing/ flowing in and around the mine lease and maintain its records. The project proponent shall undertake regular monitoring of water quality upstream and downstream of water bodies passing within and nearby/ adjacent to the mine lease and maintain its records. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water PP shall carryout regular monitoring wrt pH and included the same in monitoring plan. The parameters to be monitored shall include their water quality vis a-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and/ or alteration be made to water bodies during mining operations without justification and prior approval of MoEF & CC SEIAA Odisha. The monitoring of water courses/ bodies existing in lease area shall be carried out four times in a year viz. pre-monsoon (April-May), monsoon (august), post-monsoon (november) and winter (january) and the record of monitored data be sent regularly to ministry of environment, forest and climate change and its regional office, SEIAA, Odisha, Central Ground Water Board, State Pollution Control Board and central pollution control board. Clearly showing the trend analysis on six-monthly basis.</p>	<p>Complied.</p> <p>Flow rate of the Perennial Nalla “ Damasallah Nallha” is being Monitored Regularly & Record being maintained. Report is enclosed as Annexure No.-17</p> <p>Upstream & Downstream water quality are being monitored. PH & other parameters as well within the limit. Report is enclosed as Annexure No.-19</p> <div>  <div> <div>Up stream</div> <div>Down stream</div> </div> </div> <p>There is no water body inside the Mine, so there is no chance of obstruction or alteration to the water body.</p> <p>There is no water courses/bodies in the lease area, so trend analysis is not applicable.</p>
36	<p>Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off. acid mine drainage and metal contamination in runoff shall be monitored along with Total Suspended Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board, at a suitable location near the main gate of the Company. The circular No. J-20012/1 /2006 IA.II (M) dated 27.05.2009 issued by Ministry of</p>	<p>Complied.</p> <p>One NABL accredited Lab. M/s visionteck Pvt Ltd is engaged to ensure the quality of the water generated from the mines & treated water discharging to outside the lease. And all the parameters mentioned are being monitored. Monitoring data also uploaded in the Website: https://www.facorgroup.in/esg/compliances/ And displayed through digital display board near main gate.</p> <p>The Monitoring report is enclosed in Annexure -20</p>



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	Environment, Forest and Climate Change may also be referred in this regard.	
37	<p>The project proponent shall construct retaining wall and settling pond within the lease area. Further. check dams shall be constructed at strategic locations in which rain water passes in rainy season. Quality of the mine drainage water shall be monitored on real-time basis& also monitored through NABL Lab. Mine drainage water shall be used only after treatment through ETP for various industrial uses</p>	<p>Retaining wall is constructed along the periphery of the dump, settling pond is there in the lease also check dam is constructed at strategic locations through which rain water passes in rainy season.</p> <p style="text-align: center;"><u>Settling Pond , Retaining wall & Check dam</u></p>  <p>Also the mine drainage water is monitored on real time basis through ETP and along with through NABL Lab and it is used for industrial purpose only after treatment.</p> <p style="text-align: center;"><u>EFFLUENT TREATMENT PLANT(ETP) FACILITY AT OSTAPAL MINE (BOKULHRI)</u></p>  <p>The NABL report is enclosed as Annexure No-20</p>
38	<p>Detail design of the existing retaining wall and the proposed for the expansion from a chartered Civil Engineer shall be submitted within 6 months from the date of issue of Environmental Clearance to ensure that no silt after wash up & treatment is escaped from the core/ buffer zone of the mines.</p>	<p>Complied.</p> <p>The design of the retaining wall is certified from a chartered civil engineer.</p> <p>The details have been submitted in the last six monthly EC compliance dated from October'22 to March'23 Via letter number OCM/ENV/1608/2023 dated on 10.05.2023</p>
39	<p>Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water Board/ State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional Office, MoEF& CC annually.</p>	<p>Complied.</p> <p>Report of ground water recharge quantity is submitted to the Regional Office, MoEF& CC annually dated on 07.04.2023 vide letter number OCM/ENV/1508/2023</p> <p>For the FY 2022-23 report on amount of ground water recharge has been send to Joint director MoEF & CC via letter number OCM/ENV/1508/2023 dated 07.04.2023</p> <p>The details have been submitted in the last six monthly EC compliance dated from October'22 to March'23 Via letter number OCM/ENV/1608/2023 dated on 10.05.2023</p>
40	<p>Industrial waste water(workshop and waste water from the mine) should be properly collected and treated in an ETP as proposed so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB) .The workshop</p>	<p>Complied.</p> <p>All the industrial water are channelized and properly collected and treated in an ETP. Oil & Grease trap is also provided.</p>

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	<p>effluent shall be treated after its initial passage through Oil and grease trap.</p>			
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41	The water balance/water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEF & CC and State Pollution Control Board.	Complied. The water balance chart is maintained and monitored. And the action plan for the reduction of water is made and submitted to the joint director MoEF & CC via letter number OCM/ENV/1142/2022 dated on 08.08.2022 & SPCB vial letter number OCM/ENV/1145 dated on 08.08.2022. The details have been submitted in the last six monthly EC compliance dated from October'22 to March'23 Via letter number OCM/ENV/1608/2023 dated on 10.05.2023
iii	Noise and Vibration Monitoring Prevention	
42	The peak particle velocity at 500m distance or within the nearest habitation whichever is closer shall be monitored periodically as per applicable DGMS guidelines.	Complied. A scientific study on ground vibrational effects of blasting has been done by NIT Rourkela. It is same is being carried out periodically by inhouse team by using instrument (Micro Mate).  The details have been submitted in the last six monthly EC compliance dated from October'22 to March'23 Via letter number OCM/ENV/1608/2023 dated on 10.05.2023
43	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day /night hours.	Complied. Noise monitoring is done by NABL Laboratory both in day and night and the noise limit falls under the prescribed standards The Noise Monitoring report is enclosed in Annexure – 21  Noise Monitoring Phot in Buffer Zone
44	The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment The worker engaged in operations of HEMM, etc. should be provided with ear plugs /muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case it has been	Complied. Noise level is being monitored and it shows below the prescribed limits. All the workers are working in HEMM are provided with ear plugs and the workers working in dusty are provided with protective respiratory devices. The Noise Monitoring report is enclosed in Annexure – 21

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	found that workers/ personals/laborers are working without personal protective equipment.	
iv	Mining Plan	
45	The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation ie. quantum of mineral, waste over burden inter burden and top soil etc. No change in basic mining proposal like mining technology total excavation, mineral & waste production, lease area and scope of working (viz method of mining. overburden & dump management, O.B & dump mining, mineral transportation mode. ultimate depth of mining etc) shall not be carried out without prior approval of the Ministry of Environment Forest and Climate Change which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt in the form to Short Term Permit (STP), Query license or any other name.	Complied. Mining activities is being carried out as per the approved mining plan. There is no such changes, and in case of any changes, prior permission/approval will be taken from MoEF & CC.
46	The Project Proponent shall get the Final Mine Closure Plan along with Financial Assurance approved from Indian Bureau of Mines/Department of Mining & Geology as required under the Provision of the MMDR Act 1957 and Rules/Guidelines made there under. A copy of approved final mine closure plan shall be Submitted within 2 months of the approval of the same from the competent authority to the concerned Regional Office of the Ministry of Environment, Forest and Climate Change for record and verification	It is not applicable, as there is no FMCP required now.
47	The land-use of the mine lease area at various Stages of mining scheme as well as at the end-of-life shall be governed as per the approved Mining Plan. The excavation vis-a-vis backfilling vis-à-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per approved mining plan. PP shall ensure the monitoring and management of rehabilitated areas until the vegetation becomes self-sustaining. The compliance status shall be submitted half-yearly to the MoEF & CC and its concerned regional Office/ SEIAA, Odisha	The land use pattern is being followed as per the approved mining plan by IBM The excavation vis-a-vis backfilling in the mine lease area is followed as per mining plan

V	Land Reclamation							
48	The Overburden (O.B.) generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the OB dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by D.G.M.S. w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of top soil/OB dumps. The topsoil shall be used for land reclamation and plantation.	<p>It is complied.</p> <p>The OB generated is stacked in OB dump site with proper height, width and angle of slope as per the approved mining plan.</p> <p>All the generated topsoil is used for afforestation purpose.</p>						
49	The reject/waste generated during the mining operations shall be stacked at earmarked waste dump site(s) only. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by DGMS w.r. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps.	<p>Complied.</p> <p>The OB generated during the mining operation is stacked at the OB dump site which is having proper height, width and angle of slope as per the approved mining plan & other circulars.</p>						
50	The reclamation of waste dump sites shall be done in scientific manner as per the Approved Mining Plan cum Progressive Mine Closure Plan.	It is being followed & complying as per Approved Mining Plan cum Progressive Mine Closure Plan.						
51	The slope of dumps shall be vegetated in scientific manner with stable native species to maintain the slope stability. Prevent erosion and surface run off. The selection of local species regulates local climatic parameters and help in adaptation of plant species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps. The dump mass should be consolidated with the help of dozer/ compactors thereby ensuring proper filling/levelling of dump mass. In critical areas, use of geo textiles/geo-membranes / clay liners/ Bentonite etc. shall be undertaken for stabilization of the dump.	<p>Complied.</p> <p>Dump slopes are planted with suitable native species for stability of the dump and along with that retaining wall provided on the toe of the dump to prevent erosion.</p> <table><tr><td></td><td></td></tr><tr><td>Plantation on Dump slope</td><td>Retaining wall & Garland drain at Toe Dump</td></tr><tr><td></td><td>Care of the gullies on Dump slope</td></tr></table>			Plantation on Dump slope	Retaining wall & Garland drain at Toe Dump		Care of the gullies on Dump slope
								
Plantation on Dump slope	Retaining wall & Garland drain at Toe Dump							
	Care of the gullies on Dump slope							


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		<p>There is use of geo-textile & silpaulin to prevent erosion & surface run-off. Also the geo-textile & silpaulin helps to stabilize the dump by preventing the rain water to percolate in the dump. In long term effect these Geo-Textile decompose with the soil and makes the soil more fertile which in turns acts as a manure for the plants planted in the benches of the dump.</p>  <p>The details have been submitted in the last six monthly EC compliance dated from October'22 to March'23 Via letter number OCM/ENV/1608/2023 dated on 10.05.2023</p>
52	<p>The Project Proponent shall carry out slope stability study in case the dump height is more than 30 meters. The slope stability report shall be submitted to concerned regional office of MoEF & CC. Govt. of India, Bhubaneswar as well as SEIAA, Odisha.</p>	<p>Complied. Slope Stability study has been conducted by CIMFR, Dhanbad. And report is already submitted to the MoEF & SEIAA</p> <p>The Study report has been submitted vide letter No:OCM/ENV/1144/2022, dated 08.08.2022 to MoEF & CC and vide letter no.:OCM/ENV/1140/2022, dated 08.08.2022.</p> <p>The details have been submitted in the last six monthly EC compliance dated from October'22 to March'23 Via letter number OCM/ENV/1608/2023 dated on 10.05.2023</p>
53	<p>Catch drains, settling tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and topsoil/OB /waste dumps to prevent runoff of water and flow of sediments directly into the water bodies (Nallah/ River Pond etc.). The collected water should be utilized for watering the mine area, roads, green belt development, plantation etc. The drains/sedimentation sumps etc. shall be de silted regularly, particularly after monsoon season, and maintained properly.</p>	<p>It is complied.</p> <p>We have already implemented catch drains & settling ponds of appropriate size to prevent runoff of water and flow of sediments directly into the water bodies.</p>  <p style="text-align: center;">Retaining wall & Garland drain</p> <p>Further, all the drains & settling ponds are being desilted regularly.</p>
54	<p>Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run-off and sediment low into adjoining water bodies. A safety margin of 50% shall be kept for</p>	<p>Complied.</p> <p>Check-dams of appropriate size, gradient and length is constructed around mine pit, OB Dump & garland drain, here to arrest the slime/suspended solid particles flowing through the streams.</p>

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	designing of sump structures over and above peak rainfall (based on 50 years data) and maximum discharge in the mine and its adjoining area which shall also help in providing adequate retention time period thereby allowing proper settling of sediments/ silt material. The sedimentation pits/ sumps shall be constructed at the corners of the garland drains.	Considering peak rainfall, the surface run off study has been conducted by domain expert, the settling pond along with other measures are designed & constructed accordingly.
55	Storm water and leached water for treatment shall be led in separate pipes and where required, retaining wall, settling pond and check dam shall be constructed within the lease hold area for conservation of rainwater and prevention of soil loss.	<p>Complied. Storm Water drains are there where required & retaining wall, settling pond & check dam are constructed in the lease hold area. Further, garland drain, retaining wall, settling pond & roof top rain water harvesting system is implemented for conservation of rain water.</p> <p style="text-align: center;">RAINWATER HARVESTING STRUCTURES IN OSTAPAL CHROMITE MINE OF M/S FACOR LTD</p>  <p>The images show various rainwater harvesting structures at the Ostapal Chromite Mine. The top-left image shows a 'Roof-top Rainwater harvesting' system with a sign. The top-right image shows a 'Settling Pond for Rainwater harvesting'. The bottom-left image shows a 'Garland drain and check dam for rainwater harvesting'. The bottom-right image shows another view of the settling pond. All images include a Google Maps overlay with the location: Ostapal Chromite Mine, near the village of Ostapal, Taluk: Taluk, District: Taluk, Pin: 571202, India.</p>
56	The top soil, if any, shall temporarily be stored at earmarked site(s) within the mine lease only and should not be kept unutilized for long. The physical parameters of the top soil dumps like height, width and angle of slope shall be governed as per the approved Mining Plan and as per the guidelines framed by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of dumps. The topsoil shall be used for land reclamation and plantation purpose	<p>Complied.</p> <p>There is no generation of topsoil during the period April'23 to September'23. All the earlier generated topsoil is utilized for afforestation purpose.</p>
57	The mining lease holder shall, after ceasing mining operations undertake regressing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.	<p>It is Not Applicable for us as of now</p> <p>It will be taken care as per after cession of Mining activities in consultation with competent authority.</p>



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58	Slope study by an expert of repute of water dumps to be done and submitted within six months from the date of issue of EC to SEAC/SEIAA	<p>Complied. Slope Stability Study is conducted, and the report already submitted SEIAA via letter number OCM/ENV/1140/2022 date don 08.08.2022</p> <p>The details have been submitted in the last six monthly EC compliance dated from October'22 to March'23 Via letter number OCM/ENV/1608/2023 dated on 10.05.2023</p>
vi	TRANSPORTATION	
59	No Transportation of the minerals shall be allowed in case of roads passing through transportation of the minerals leaving an adequate gap (say at least 200 meters) .so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly .Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers	<p>Transportation is being carried out on the same road as used before the expansion i.e TOMKA-MANGALPUR Highway. Road connecting to TOMKA-MANGALPUR highway, is being always maintained to avoid dust generation.</p> <p>Further, water sprinkling is being carried out to mitigate the dust generation. An amount of 180 Crore is already sanction for the same road to widen & strengthen it, from DMF.</p> <p>And also, another bridge connecting to Mines transportation road is already under construction.</p> <div>  <p align="center">Bridge work connection to Mine transporting road is under progress</p> </div> <p>All the vehicle used for mines & vehicle carrying mineral having valid PUC Certificates which are ensured regularly.</p>
60	The Main haulage road within the mine lease should be provided with a permanent water arrangement for dust suppression. Other roads within the mine lease should be wetted regular with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control	<p>Complied</p> <p>For dust suppression system, there is provided one fixed water pipe line along with two dedicated permanent water tanker which sprinkles out the water in the haul roads regularly in a scheduled way. Other than that we have 4 AAQMS located at different locations of the mine which monitors the quality of the ambient air.</p>

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	equipment like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.	<p>There is no transportation being carried out through belt conveyor. So, it is not applicable.</p> <p>The details have been submitted in the last six monthly EC compliance dated from October'22 to March'23 Via letter number OCM/ENV/1608/2023 dated on 10.05.2023</p>
61	The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution under Control (PUC) certificate for all the vehicles from authorized pollution testing centers.	<p>Complied.</p> <p>It is done effectively and in a controlled manner. Also water sprinkling is done regularly. All vehicle using PP has also obtained PUC certificate is obtained from vehicle is being used from authorized pollution testing centers.</p>
62	Haulage road shall be developed and maintained perennially and perpetually by the proponent in construction with the concerned authority of the Govt. and to this effect, the proponent shall submit an undertaking in form of a legal affidavit.	<p>Complied.</p> <p>The haulage road is developed and maintained regularly. Legal affidavit is submitted to Member Secretary SEIAA, Bhubaneswar via letter number OCM/GEO/1377/2023 dated on 08.10.2023.</p> <p>The details have been submitted in the last six monthly EC compliance dated from October'22 to March'23 Via letter number OCM/ENV/1608/2023 dated on 10.05.2023</p>
63	Traffic Density study if not done by domain expert, then the expert to be ratified/ authenticated by domain expert and submitted within a month time.	<p>Complied.</p> <p>Traffic density study has been conducted by domain expert & submitted along with final EIA.</p> <p>Further, the traffic study report submitted to Joint Director MoEF & CC via letter OCM/ENV/904/2022 dated on 02.05.2022</p> <p>The details have been submitted in the last six monthly EC compliance dated from October'22 to March'23 Via letter number OCM/ENV/1608/2023 dated on 10.05.2023</p>
VII	Green Belt	
64	The Project Proponent shall develop greenbelt in 7.5m wide safety zone all along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The whole Green belt shall be developed within first 5 years starting from windward side of the active mining area The development of greenbelt shall be governed as per the EC granted by the Ministry irrespective of the stipulation made in approved mine plan	<p>Complied.</p> <p>Green belt (Plantation) has already been developed all along the mining lease boundary line in 7.5 Mtr distance.</p> <div> </div>


65	The Project Proponent shall carryout plantation/ afforestation in backfilled and reclaimed area of mining lease, around water body. Along the roadsides, in Community areas etc. by planting the native species in consultation with the State Forest Department/ Agriculture Department/ Rural development department/ Tribal Welfare Department/ Gram Panchayat such that only those species be selected which are of use to the local people. The CPCB guidelines in this respect shall also be adhered. The density of the trees should be around 2500 saplings per Hectare Adequate budgetary provision shall be made for protection and care of trees.	<p>Complied.</p> <p>Community Plantation program are being carried out with consultation of Forest Department & Gram Panchayat. Adequate funds provision is there to take care of the plantation.</p> <p>Plantation carried out in consultation with Forest department & all around the lease boundary and the report has been submitted to Forest Range Officer, Sukinda Jajpur via letter number OCM/ENV/1212/2022 dated 07.09.2022 & Joint director MoEF & CC via letter number OCM/ENV/1037/2022 dated on 27.06.2022.</p> <p>The details have been submitted in the last six-monthly EC compliance dated from October'22 to March'23 Via letter number OCM/ENV/1608/2023 dated on 10.05.2023</p>
66	The Project Proponent shall make necessary alternative arrangements for livestock feed by developing grazing land with a view to compensate those areas which are coming within the mine lease The development of such grazing land shall be done in consultation with the State Government. In this regard, Project proponent should essentially implement the directions of the Hon'ble Supreme Court with regards to acquisition of grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, should be scrupulously guarded/protected against felling and plantation of such trees should be promoted.	It is not applicable as there is no grazing land within the lease area.
67	The Project Proponent shall undertake all precautionary measures for conservation and protection of endangered flora and fauna and Schedule-I species during mining operation. A Wildlife Conservation Plan shall be prepared for the same clearly delineating action to be taken for conservation of flora and fauna. The Plan shall be approved by Chief Wildlife Warden of the State Govt. and implemented in consultation with the State Forest and Wildlife Department. A copy of Wildlife Conservation Plan and its implementation status (annual) shall be submitted to the Regional Office of the Ministry.	<p>Complied.</p> <p>Wildlife Conservation plan has been prepared by accredited Consultant and It is approved from the office of the principle chief conservation of forest.</p> <p>Approval Ref Vide No.: 10183/CWLW-FDWC-FD-0033-2022, dated 11.11.2022.</p> <p>The copy of the approval along with implementation status is already submitted during last Six Monthly EC Compliance I,e April '23 to Sept'23</p> <p>The copy of the approval is enclosed as Annexure - 22</p>
VIII	Public Hearing and human health issues	
68	The Project Proponent shall appoint an Occupational Health Specialist for Regular	Complied.

	<p>as well as Periodical medical examination of the workers engaged in the mining activities as per the DGMS guidelines. The records shall be maintained properly. PP shall also carryout Occupational health check-ups in respect of workers which are having ailments like BP, diabetes, habitual smoking, etc. The check-ups shall be undertaken once in six months and necessary remedial preventive measures be taken. A status report on the same may be sent to MoEF & CC Regional Office and DGMS on half-yearly basis.</p>	<p>One Occupational Health specialist is appointed as per DGMS guideline. Check-ups are undertaken once in six month & necessary preventive measures are taken. Status report is sent to MoEF & DGMS on half-yearly basis. The details of the Medical Check up from April'23 to September'23 given in Annexure No.-23</p> <p>Status report is submitted & submitted copy is enclosed as Annexure No.- 24</p>
69	<p>A commitment in form of an undertaking for periodical occupational health check-up of the employee and the local people shall be done through an occupational health expert.</p>	<p>All the employees & local people are being undertaken for periodical health check up through an occupational health expert.</p> <p>Undertaking is enclosed as Annexure No.-25</p> 
70	<p>The Project Proponent must demonstrate commitment to work towards Zero Harm from their mining activities and carry out Health Risk Assessment (HRA) for identification workplace hazards and assess their potential risks to health and determine appropriate control measure to protect the health and wellbeing of workers and nearby community. The proponent shall maintain accurate and systematic records of the HRA. The HRA for neighbourhood must focus on Public Health Problems like Malaria Tuberculosis. HIV, Anaemia, Diarrhoea in children under five respiratory infections due to bio-mass cooking. The proponent shall also create awareness and educate the nearby community and workers for Sanitation Personal Hygiene, Hand washing not to defecate in open, Women Health and Hygiene (Providing Sanitary Napkins), hazard of tobacco and alcohol use. The Proponent shall carryout base line</p>	<p>The Mine Management is committed to work for zero harm from the mining activities and carrying out appropriate measures for Risk assessment and identification of workplace hazards and assess the potential risks for health and taking appropriate control measures to protect the health of workers and the nearby community. The PP is conducting HRA among the neighbourhoods to focus on malaria, Dengue, Tuberculosis, HIV, Anaemia, Diarrhoea and ARIs in children and adults. Regular awareness program is being conducted in the nearby villages for sanitization, personal hygiene, hand washing, not to defecate in open places, women health, hazards of smoking tobacco, drinking alcohol. Awareness program are being taken for control of malaria and Dengue and Tuberculosis.</p> <p>HRA have prepared and the details have been submitted in the last six monthly EC compliance dated from October'22 to March'23 Via letter number OCM/ENV/1608/2023 dated on 10.05.2023</p> 

	HRA for all the category of workers and thereafter every five years.	
71	<p>The Proponent shall carry out Occupational health surveillance which be a part of RA and include Biological Monitoring where practical and feasible and the tests and investigations relevant to the exposure (e g for Dust a XRay chest,For Noise Audiometric; for Lead Exposure Blood Lead, For Welders Full Ophthalmologlo Assessment; for Manganese Miners a complete Neurological Assessment by a Certified Neurologist, and Manganese (Mn) estimation in Blood; For Inorganic Chromium-Fortnightly skin inspection of hands and forearme by a responsible person. Except routine teste all tests would be carried out in a Lab accredited by NABH. Records of Health Surveillance must be kept for 30 years, including the results of and the records of Physical examination and tests. The record of exposure due to materials like Asbestos, Hard Rock Mining, Silica, Gold, Kaolin, Aluminium, Iron, Manganese, Chromium, Lead, Uranium need to be handed over to the Mining Department of the State in case the life of the mine is less than 30 years. It would be obligatory for the State Mines Departments to make arrangements for the safe and secure storage of the records including X-Ray. Only conventional X-Ray will be accepted for record purposes and not the digital one). X-Ray must meet ILO criteria (17 x14 inches and of good quality)</p>	<p>Complied.</p> <p>Steps have been taken to carry out occupational health surveillance for workers engaged in mines activities like audiometric tests for blasters(noise), x-ray chest for hexavalent chromite exposure, fortnightly skin inspection by Medical officer of our dispensary. All the routine examination of stool, urine, sputum and chest x-ray are being done in every six months for food handlers, the PP is taking steps for chest x-ray, examination of sputum, stool, audiometric test and full lung function test for blasters and full ophthalmolocal tests for Drivers and Operators.</p> <p>The medical report has been attached as Annexure 26</p>
72	<p>The Proponent shall maintained a record of performance indicators for workers which includes</p> <p>(a) there should not be a significant decline in their Body Mass Index and it should stay between 18.5-24.9</p> <p>(b) the Final Chest X-Ray compared with the base line X-Ray should not show any capacities</p> <p>(c) At the end of their leaving job there should be no Diminution in their Lung Functions Forced Expiratory Volume in one second (FEV1),Forced Vital Capacity (FVC), and the ratio) unless they are smokers which has to be adjusted, and the effect of age, (d)their hearing should not be affected. As a</p>	<p>Performance Indicator for workers & employees are being maintained.</p> <p>a) There is no significant decline in their Body Mass Index and it is between 18.5-24.9</p> <p>(b) the Final Chest X-Ray compared with the base line X-Ray does not show any capacities</p> <p>(c) At the end of leaving job there is be no Diminution in their Lung Functions Forced Expiratory Volume in one second (FEV1),Forced Vital Capacity (FVC), and the ratio) unless they are smokers which has to be adjusted, and the effect of age, (d)Their hearing is not affected. As a proof an Audiogram is presented),</p> <p>(e) they have not developed any Persistent Back Pain Neck Pain, and the movement of their Hip, Knee and other joints</p>

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	<p>proof an Audiogram (first and last need to be presented),</p> <p>(e) they should not have developed any Persistent Back Pain Neck Pain, and the movement of their Hip, Knee and other joints should have normal range of movement,</p> <p>(f) they should not have suffered loss of any body part.</p> <p>The record of the same should be submitted to the Regional Office, MoEF & CC annually along with details of the relief and compensation paid to workers having above indications</p>	<p>should have normal range of movement, (f) they have not suffered loss of any body part.</p> <p>Status of the same are given for reference. And the record is also being maintained. For the FY 22-23 Report is also herewith submitted along with the updated report for MoEF & CC, attached as Annexure No.-27</p>
73	<p>The Project Proponent shall ensure that Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects</p>	<p>Complied.</p> <p>Person working in dusty area wears protective respiratory devices during work. Further, all the vehicle engaged in operation are closed door vehicle (Having A/C facilities). Regular training is being provided to all employees on safety & health.</p> <div style="display: flex; justify-content: space-around;">   </div> <div style="display: flex; justify-content: space-around;"> <p>Close door vehicle used</p> <p>Training on safety & Health</p> </div> <p>Further, Monthly Safety Town hall is being conducted for creating more awareness on safety & Health.</p> <p style="text-align: center;">Safety Town hall on October'2023</p>
74	<p>Project Proponent shall make provision for the housing for workers/labors or shall construct labor camps within/outside (company owned land) with necessary basic infrastructure/ facilities like fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche for kids etc. The housing may be provided in the form of temporary structures which can be removed after the Completion of the project related infrastructure. The domestic waste water should be treated with STP in order to avoid contamination of underground water.</p>	<p>All most all the workers/labors are coming from local area. So, colony is not required for them.</p> <p>There are two STP Provided having capacity 30KLD (20 + 10 KLD) for treatment of domestic effluents.</p> <div style="display: flex; justify-content: space-around;">   </div> <div style="display: flex; justify-content: space-around;"> <p>20 KLD STP</p> <p>10 KLD</p> </div>
75	<p>The proponent shall implement the mitigative measures as suggested in the Study Report on effect of chromite mines to nearest human habitation</p>	<p>To prevent contamination of Hexavalent chromium study has conducted by NIT , Rourkela. All the suggestions are implemented.</p> <p>The details have been submitted in the last six monthly EC compliance dated from October'22 to March'23 Via letter number OCM/ENV/1608/2023 dated on 10.05.2023</p>

IX	Corporate Environment Responsibility (CER)	
76	<p>As per the MoEF & CC, Govt. of India Office Memorandum dated 30.09.2020, the project proponent is enquired to prepare and implement Corporate Environment Responsibility (CER) Plan. The activities proposed under CER shall be restricted to the affected area around the project. The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration. The activities proposed for CER shall be implemented and to be completed within three years and annual report of implementation of the same along with documentary proof viz. photographs, purchase documents, latitude & longitude of infrastructure developed & road constructed needs to be submitted to Regional Office MoEF & CC annually along with audited statement and to the District Collector. It should be posted on the website of the project proponent.</p>	<p>CER action plan has been prepared and submitted in EIA. Activities proposed under CER is restricted to only affected area.</p> <p>All the improvement is being undertaken by involving local community.</p>  <p>All the CER proposal will be completed within the timeline. Work is under progress, and it is a continuous process.</p> <p>Details of the CSR Expenses and evidence are enclosed in Annexure No.-5</p> <p>The report is submitted to MoEF & CC and to the District Collector, Jajpur. And the same also posted in website www.facorgroup.in</p>
77	<p>Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Regional Office of MoEF & CC, Bhubaneswar, SPCB Odisha along with the Six Monthly Compliance Report.</p>	<p>EMP action plan is prepared & approved from competent authority & implemented accordingly. Year wise funds earmarked is maintained in separate account provision.</p> <p>The details expenditure towards EMP is enclosed as Annexure - 6</p>
X	Miscellaneous	
78	<p>The Project Proponent shall prepare digital map (land use & land cover of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEF & CC</p>	<p>Complied.</p> <p>We are having a digital map for the entire lease area and submitted to IBM. The details of the land use pattern is already submitted to Regional office MoEF & CC , vide letter No.OCM/ENV/1142/2022, dated 08.08.2022</p>


Six Monthly Compliance Report to EC of Ostapal Chromite Mines, M/s FACOR LYTD

For The Period April'2023 to September'2023

EC Identification No.: EC22B001OR120821, Dated: 04.04.2022

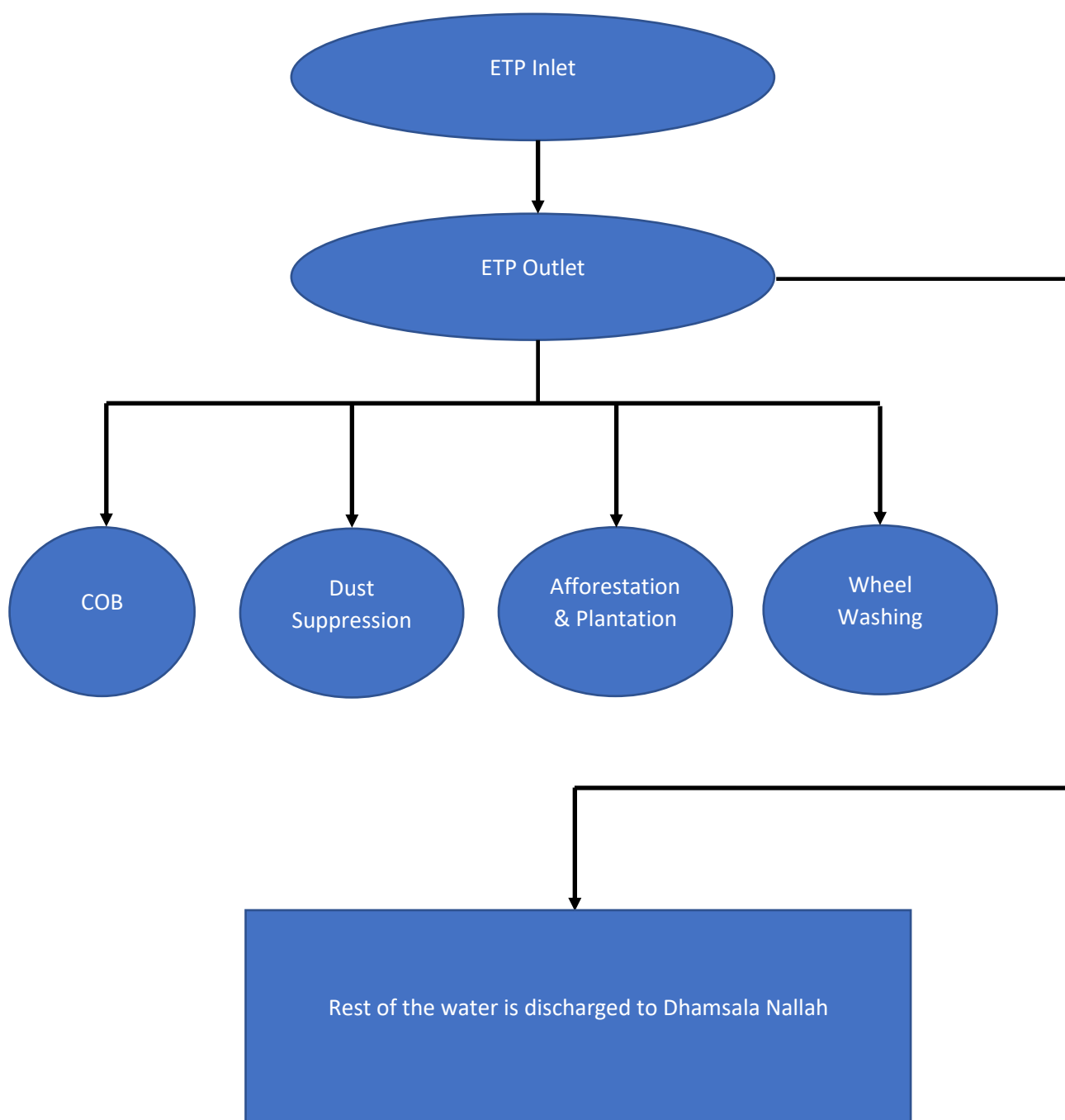
		The details have been submitted in the last six monthly EC compliance dated from October'22 to March'23 Via letter number OCM/ENV/1608/2023 dated on 10.05.2023
79	The Project Authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	It is Not Applicable as of now. Currently the mines is in running condition and therefore, the final closer is not required.
80	The project proponent shall establish a solar power plant with 30KVA capacity within the lease area as proposed.	Complied. As there is no colony inside the lease, so persons are staying outside the lease area where there in solar power installed of about 40 KVA, for house hold use in place of Electric power.
81	It shall be mandatory for the project management to submit six 06 monthly compliance reports on post environmental monitoring in respect of the stipulated terms and conditions in this Environmental Clearance to the State Environment Impact Assessment Authority (SEIAA) Odisha. SPCB& Regional Office of the Ministry of Environment & Forest. Odisha in hard and soft copies on 1 June and 1 December of each calendar year. The proponent shall also upload the Compliance report including results of monitored data as applicable in the website of the Ministry for monitoring of EC Conditions	Complied. The six monthly compliance report is submitted along with all the environment monitoring report. And it is also uploaded in the website. The last six monthly Environment Compliance report was submitted on 10.05.2023 vide letter number OCM/ENV/1608/2023 The submitted copy of last six monthly compliance copy is attached in Annexure No-28
82	The environmental statement for each Financial year ending 31 March in Form-V as mandated to be submitted by the project proponent to the Odisha State Pollution Control Board as prescribed under the Environment (Protection) Rules 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective to the MoEF & COC & its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.	Complied. Environment statement copy is submitted to Odisha State Pollution Control Board, Regional Pollution Control Board & Regional office of MoEF & CC. And It is also uploaded in the website for last FY 2022-23 in the Website link: https://www.facorgroup.in/esg/compliances/ Submitted ref. letter copy of Environment Statement vide letter No.:OCM/ENV/1997/2023, dated 29.09.2023, is enclosed as Annexure - 29
83	The proponent shall submit/upload six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF &CC, Govt. of India, the respective Zonal Office of	Complied. After Submitting the six monthly compliance report for the period Apr'23 to Sep'23 ,it is uploaded in the website & it is uploaded periodically, and same is also submitted Regional office, MoEF & CC, Regional Office of the State Pollution Control Board.

Six Monthly Compliance Report to EC of Ostapal Chromite Mines, M/s FACOR LYTD
For The Period April'2023 to September'2023
EC Identification No.: EC22B001OR120821, Dated: 04.04.2022

	CPCB and the SPCB. The criteria pollutant levels namely: SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain	<p>All the critical parameters are monitored and also displayed near main gate.</p>  <p>Digital display Board Near Main Gate</p>
84	The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MoEF & CC & its concerned Regional Office, SEIAA, Odisha, Central Pollution Control Board and State Pollution Control Board	<p>Complied.</p> <p>Six monthly compliance report is submitted to MoEF & CC & Regional office of the State Pollution Control Board. The last Six Monthly Compliance report was submitted on 10.05.2023 vide letter number OCM/ENV/1608/2023</p> <p>The last Six Monthly Compliance submitted ref. copy is enclosed as Annexure No.-28</p>
85	The SEIAA, Odisha may revoke or suspend this EC. if implementation of any of the above conditions is not satisfactory. The SEIAA, Odisha reserves the right to alter modify the above conditions or stipulate any further condition in the interest of environment protection.	<p>Complied.</p> <p>All the implementations are as per the standards & satisfactory.</p>
86	The project proponent shall augment infrastructure on drinking water, health care and education in nearby villages as per time bound action plan submitted	<p>Complied.</p> <p>It is implemented as per action plan.</p> <p>Details of work done in the field of Drinking water , Health & Education is enclosed in Annexure No.-5</p>
87	The project proponent shall obtain permission from DGMS under 106(2b) to carry out blasting operation within the lease area.	<p>Complied.</p> <p>Permission from DGMS under 106(2b) to carry out blasting operation obtained vide permission No.: NO: 180020|SEZ|Bhubaneswar Region|Exemp|2021|8922, dated Date: 28/05/2021.</p> <p>Copy of permission is enclosed as Annexure – 30</p>
88	The site will be visited by the sub-Committee of SEAC after six months to review the progress of recommendations of SEAC on specific conditions	<p>All the condition mentioned are implemented & strictly followed</p>
89	The concerned Regional Office of the MoEF & CC shall randomly monitor compliance of the	<p>It is ensured to extend the full support to the authority as per their requirement.</p>

**Six Monthly Compliance Report to EC of Ostapal Chromite Mines, M/s FACOR LYTD
For The Period April'2023 to September'2023
EC Identification No.: EC22B001OR120821, Dated: 04.04.2022**

	stipulated conditions. The project authorities should extend full cooperation to the MoEF & CC officer(s) by furnishing the requisite data information / monitoring reports	
90	The above conditions will be enforced inter alia, under the provisions of the water Prevention & Control of Pollution Act 1974, the Air (Prevention & Control of Pollution) Act 1981, the Environment (Protection) Act 1986 and the Public Liability insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India High Court and any other Court of Law relating to the subject matter	Complied.
91	This Environmental Clearance (EC) is subject to orders/judgment of Hon'ble Supreme Court of India, Hon'ble High Court. Hon'ble NGT and any other Court of Law, Common Cause Conditions as may be applicable	No appeal filed against this Environment Clearance in the National Green Tribunal. Hence complied.
92	Any appeal against this environmental clearance shall lie with the National Green Tribunal if preferred. within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010	No appeal filed against this Environment Clearance in the National Green Tribunal. Hence complied.

Adequate Measure taken to discharge the waste water to Dhamsala Nallah**Note:-**

- WTP to be installed to treat the ETP Outlet water for drinking purpose
- Increase in the size and length of the Haul Road so more quantity of water is required for Dust Suppression
- Also the plantation number is increased so more water quantity is required for Afforestation/Plantation

4.1.4 Disposal of Waste

Ostapal Chromite Mines has 2 No. of Dumps, one is North Dump and another is South Dump. At present on South dump no more dumping is being carried out over it only stabilization work is being carried out but North dump is active dump. However, further optimization of dump space is carried out in order to accommodate waste quantity. Similarly, North dump the North – Eastern portion is active. The land chosen for dumping the waste material is proved as non-mineralized area. Exploration has already been done over the waste dump area to prove it as non-mineralized area. Please follow the exploration chapter of Bore Hole Nos. 99,100,104,115,118,122,133,137,154 & 155 covered with Meterage 1373.70 shows that no significance of ore deposit below the waste dump yard. The complete waste generated in the plan period will be accommodated within mine lease.

Year	Waste (cum)				
	Total generation	Backfilling	Storage (dumping)	Utilization	Storage Outside UPL/Within UPL
June-2021-2022	412,700	-	412,700	-	Outside UPL
2022-2023	495,000	-	495,000	-	Outside UPL
2023-2024	500,000	-	500,000	-	Outside UPL
2024-2025	500,000	-	500,000	-	Outside UPL
2025-2026	490,000	-	490,000	-	Outside UPL
Total	2,397,700	-	2,397,700	-	

It is planned to shift most of mine infrastructure to out of lease area like office etc. to accommodate waste. If require COB will also be shifted to create dump space within mine lease. Hence, it is planned to extend North dump towards North-East side & North-West side, South dump towards East side & South-West side and also height extension of both of dump

FACOR

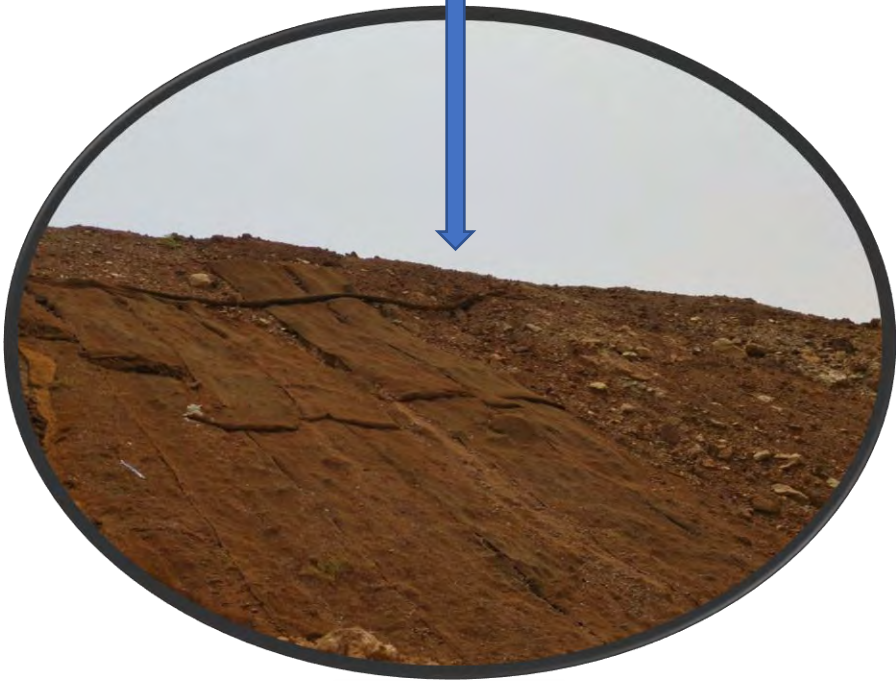
Biswanath Sahoo

Vinod Saini

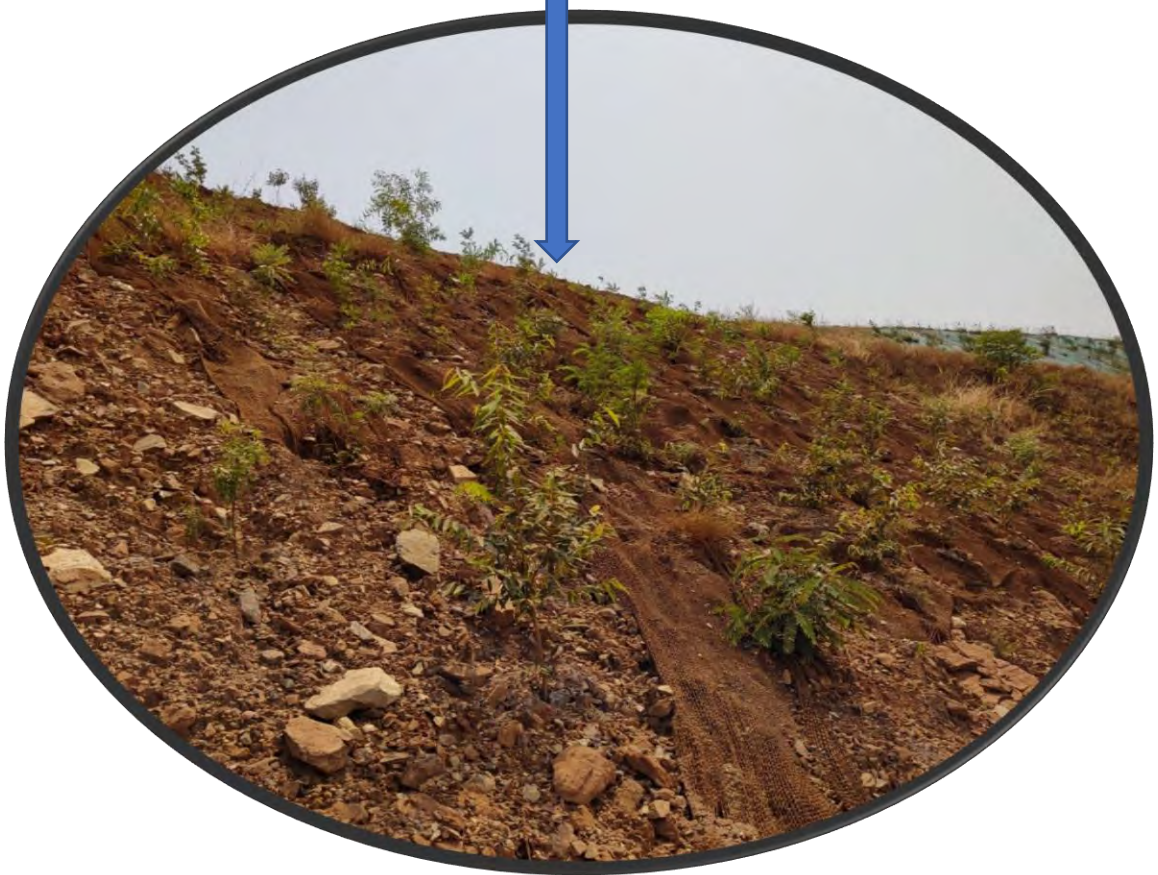
BISWANATH SAHOO

VINOD SAINI

DRONE PHOTOGRAPHY BEFORE PLANTATION



DRONE PHOTOGRAPHY AFTER PLANTATION





भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन, नदी विकास
और गंगा संरक्षण विभाग
केन्द्रीय भूमि जल प्राधिकरण
Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)

NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	Ostapal Chromite Mines		
Project Address:	Gurujanga, Sukinda, Jajpur		
Village:	Gurujanga	Block:	Sukinda
District:	Jajapur	State:	Odisha
Pin Code:			
Communication Address:	Gurujanga, Sukinda, Jajpur, Sukinda, Jajapur, Odisha - 755028		
Address of CGWB Regional Office :	Central Ground Water Board South Eastern Region, Bhujal Bhawan, Khandagiri Square, Nh-5, Bhubaneswar, Khordha, Odisha - 750001		

1.	NOC No.:	CGWA/NOC/MIN/REN/1/2021/6481												
2.	Application No.:	21-4/1456/OR/MIN/2017					3.	Category: (GWRE 2020)	Safe					
4.	Project Status:	Existing Ground Water					5.	NOC Type:	Renewal					
6.	Valid from:	02/08/2020					7.	Valid up to:	01/08/2022					
8.	Ground Water Abstraction Permitted:													
Fresh Water			Saline Water				Dewatering			Total				
m³/day		m³/year	m³/day		m³/year		m³/day		m³/year	m³/day		m³/year		
100.00		36500.00					3300.00		1204500.00					
9.	Details of ground water abstraction /Dewatering structures													
Total Existing No.:4							Total Proposed No.:0							
		DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu	
Abstraction Structure*		0	0	2	0	0	0	0	0	0	0	0	0	
Dewatering Structure*		0	0	0	0	2	0	0	0	0	0	0	0	
*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps														
10.	Ground Water Abstraction/Restoration Charges paid (Rs.):							1371050.00						
11.	Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.					No. of Piezometers		Monitoring Mechanism						
							Manual	DWLR**	DWLR With Telemetry					
**DWLR - Digital Water Level Recorder					2		0	1	1					

(Compliance Conditions given overleaf)

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011

Phone: (011) 23383561 Fax: 23382051, 23386743

Website: cgwa-noc.gov.in

पानी बचाये - जीवन बचाये
SAVE WATER - SAVE LIFE

Validity of this NOC shall be subject to compliance of the following conditions:

Mandatory conditions:

- 1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.
- 2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.
- 3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.
- 4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.
- 5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.
- 6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.
- 7) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.
- 8) Industries abstracting ground water in excess of 100 m³/d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.
- 9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.
- 10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable.

General conditions:

- 11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).
- 12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).
- 13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.
- 14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.
- 15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.
- 16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.
- 17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.
- 18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.
- 19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.
- 20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.
- 21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.
- 22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.
- 23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.
- 24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.
- 25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.
- 26) In case of new infrastructure projects having ground water abstraction of more than 20 m³/day, the firm/entity shall ensure implementation of dual water supply system in the projects.
- 27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.
- 28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.
- 29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
- 30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)

FW: Your Renewal Application Submitted Successfully



Ramesh Sahoo

To ● Susanta Biswal

Cc ● Dharmendra Meher

From: no-reply-cgwa@gov.in <no-reply-cgwa@gov.in>

Sent: 22 July 2022 16:21

To: Ramesh Sahoo <facor.mines@vedanta.co.in>

Subject: Your Renewal Application Submitted Successfully

External Sender: Use caution with links/attachments

Dear OSTAPALCHROMITEMINES ,

Your Application Submitted Successfully.Application Details are :

Application Number :21-4/1456/OR/MIN/2017

Applied for Renewal of NOC Number :CGWA/NOC/MIN/REN/1/2021/6481

Applied For Renewal :2nd

Name of Industry :OSTAPAL CHROMITE MINES

Please note application number for future reference.

This is system generated mail. Please do not reply.

Susanta Biswal

From: Central Ground Water Authority <cgwa@nic.in>
Sent: Tuesday, November 7, 2023 9:59 AM
To: Susanta Biswal; prasad.babu
Subject: Deliberations and decision of 112th internal EAC dated 06.11.2023-reg, Application No. 21-4/1456/OR/MIN/2017

External Sender: Use caution with links/attachments

Sir,
As per the meeting of 112th internal EAC dated 06.11.2023, the deliberations and decision of your project is listed below:

Project Name.	OSTAPAL CHROMITE MINES
Application No.	21-4/1456/OR/MIN/2017
Application Code	70283
Category of assessment unit	Safe
New/ Existing	New (Existing)
Quantum	3400.00 KLD/ 1241000 KLY
Consultant or Institute Name	Geo Climate Risk Solutions Pvt Ltd
Date of submission of application	22/07/2022
Status of Application	In process

Deliberation:

- The application was earlier called in the 63rd internal EAC and the deliberations are as follows which were attended to by the PP.
 - a. Zonation and interval of EC, Nitrate, Chloride, Fluoride (quality) map need to be revised.
 - b. Hydrographs and water level data of piezometers constructed and installed as per NOC compliance in the mining area is to be incorporated in the report.
 - c. Revised CHR is required.
- PP has submitted the revised report and is found as per SOP and observation.

Decision:

The EAC members is of considered opinion that submitted revised report is found as per SOP and is approved for ground water quantum of 3400.00 KLD/ 1241000 KLY.

Regards,

O/o सदस्य सचिव Member Secretary,

केंद्रीय भूजल प्राधिकरण Central Ground Water Authority

जल शक्ति मंत्रालय, भारत सरकार Ministry of Jal Shakti, Govt. of India

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली-110011

18/11, Jamnagar House, Mansingh Road, New Delhi-110011

Ph- (011) 23383824; Fax- (011) 23382051; e-mail: cgwa@nic.in



CSR REPORT – OSTAPAL MINES

FY 2022 - 2023

At FACOR we strongly believe in the Socio-Economic development of our community through structured CSR interventions. Community Development and sustainability are at the core of everything we do. We have a robust mechanism in place to execute our community development programs for the benefit of the community at large. Our CSR programmes are aligned to Sustainable Development Goals and our vision of “Empowering communities, transforming lives and facilitating nation building through sustainable and inclusive growth.”

Spent Details of CSR activities in Ostapal Mines:

Welfare and socio-economic development programs for local communities	Details of Expenditure & Work done during Reporting Year (in Rs.)	No. of Beneficiaries
Support for Drinking Water & Agriculture		
Water storage tanks, drinking water supply facility & irrigation support to agriculture	15,63,081.73	2000
Support to Health & Medical Services		
Preventive measures for mitigation of mine related health problems	2,59,247	2135
Promotion of Hygiene and Sanitation, public health initiatives	628172.8	2500
Support to Skill development & Education		
Skill development & Vocational Training programmes for local communities	110191.5	60
Promotion of Literacy & Education	16,00,696	852
Social & Livelihood Support		
Livelihood & Socio-Economic standard improvement support	959171.7	150
Support to Transportation Services & Infrastructure		

Improvement of Road connectivity and public transport and other infrastructure facilities	2585364	3255
Admin & Others	113191.3	
Total Expenses	78,19,116	

1. Project Nirmal Parivesha

i. Under project Nirmal Parivesha, FACOR provided 120 L water ROs to Ostapal Primary School Kansa, Chandimata U.P (M.E) School Kaliapani, Sri Ram UP School Grujuanga, with an aim to promote access to safe drinking water to community children.

FACOR has also repaired 06 Solar Water Tower in the Kaliapani and Kansa GP.

OFFICE OF THE CHAIRPERSON (S.M.C)
CHANDIMATA U.P (M.E.) SCHOOL, KALIAPANI
P.O.- KALIAPANI, P.S.- KALIAPANI, DIST - JAJPUR

Letter No. 25/22-23
Ref No. 16-02-2023

Date: 16-02-2023

I Received With thanks the following items from M/s Vedanta (Facor) Ltd, Odapal on dated 16-02-2023. This support will be benefited to 153 students. Give our best wishes to M/s Vedanta for conducting our demands.

- 1- Water purifier - 1 No.
2- Dustbin - 2 Nos.

Chaitanya
16-02-23
Headmaster
CHANDIMATA U.P. SCHOOL
KALIAPANI

Date - 11.02.2023

To
CEO FACOR,
Bhadrak

Subject - Receiving of 01 RO purifier and 02 dustbins in School.

Dear Sir,

Our School was in dire need of 01 RO for ensuring safe drinking water to our children. I would like to express my gratitude for providing 01 RO purifier and 02 dustbins in school for promoting clean water and hygiene. A total of 87 students will be benefited by your support under Nirmal School.

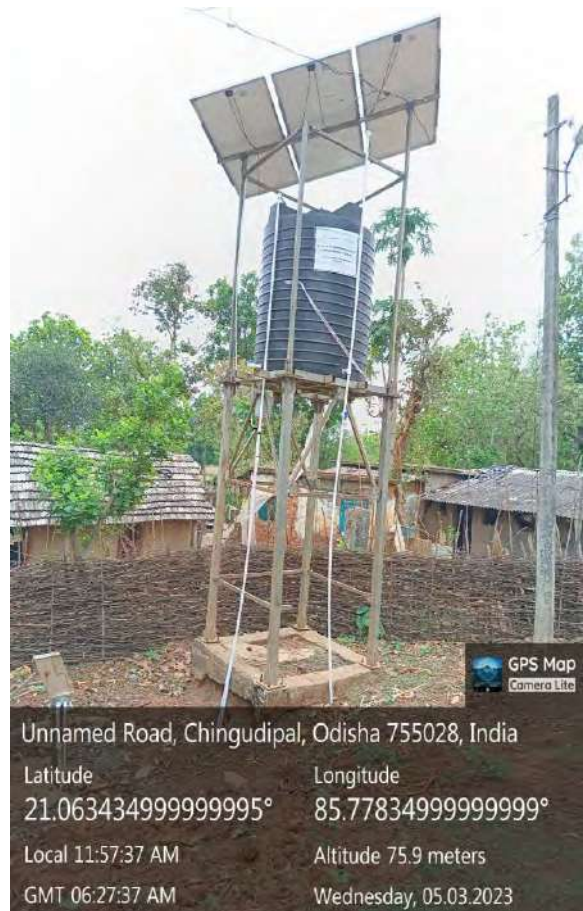
Once again thanking you for your kind gesture.

Thanking You,

Gram Panchayat:

School Name:

Chaitanya
Headmaster
Odapal Primary School
Odapal



AT/P.O./P.S - KALIAPANI, DIST - JAIPUR
PIN- 755028 (ODISHA) MOB-9937010249

Letter no.

Date.....

Lo

The Head, CSR,
M/s Vedant Factors Ltd.

ॐ नमो भगवते वासुदेवाय

[illegible]

Bikash Kumar Patra
Sarapanch
Kaliapani GP



3R72+V7Q, Ostapal, Odisha 755028, India

Latitude
21.064709999999998°

Longitude
85.79894833333334°

Local 11:31:13 AM

Altitude 78.1 meters

GMT 06:01:13 AM

Wednesday, 05.03.2023

PURCHASE ORDER CONTINUATION

PO NO : 4910028138

Page : 3 of 96

III) You shall also receive regular mails confirming acceptance of material in stores and Invoice posting, from which you can view the details appropriately.

Requested to follow the above procedures and co-operate for proper functioning of SRM and VIN systems and for smooth processing of Bills, from now onwards.

Please supply the under mentioned materials / services subject to the prices, terms and conditions mentioned below, "General Terms and Conditions" and "Applicable Standard terms and conditions";

Sr. Item code	Plant NOM	Req. Qty	Rate	Value
No.Specification				
1 FFS21184	OCES NOS	12.000	84,440.00	1,013,280.00
WATER PURIFIER		IN : Central GST(9.00%)		91,195.20
AquaGuard Storage Cooler-cum-Purifier		IN : State GST(9.00%)		91,195.20
Model-AG Green Pure Chill 120 FFS UV ,				
Storage Capacity- 120lts				
With-in-built purifier (UV Based)				
HSN Code : 99999999				
Total PO Value				1,195,670.40

Price basis	1. FOR - Free on Road FOR SITE FACOR CCE
-------------	---

Insurance

Shipping Instruction

Payment mode : Demand Draft

Payment terms	30 Days Credit
---------------	----------------

WITHIN 90 DAYS AFTER RECEIPT OF MATERIAL AT SITE.

1) In our endeavor to support and save environment, we have now gone paperless; for which we have introduced Vendor Invoice Management system (VIM). For this you have to scan and post the invoice from now onwards on the designated e-mail Id. Invoice.sesa@vedanta.co.in; clearly indicating PO No. and ASN no as above; without which payment processing shall not take place, or may get delayed.

2) All Invoices have to be printed and in PDF format only, no other file format or handwritten Invoices shall be acceptable, also maintain the same format for the invoice.

3) Every Invoice has to be digitally signed in the PDF format; on each page. Invoices digitally signed in MS word or Excel and then converted into PDF shall not be

PURCHASE ORDER CONTINUATION

PO NO : 4920059941

Page : 3 of 96

other details, as above: we reserve the right to reject the material

III) You shall also receive regular mails confirming acceptance of material in stores and Invoice posting, from which you can view the details appropriately.

Requested to follow the above procedures and co-operate for proper functioning of SRM and VIM systems and for smooth processing of Bills, from now onwards.

Please supply the under mentioned materials / services subject to the prices, terms and conditions mentioned below, "General Terms and Conditions" and "Applicable Standard terms and conditions":

Sr. Item code	Plant	UCM	Req. Qty	Rate	Value
No.Specification					
1	Repair & Maint. of Solar Water Tower	CCPL AU	1.000	1,400,000.00	1,400,000.00
	999001972				
1	SUPPLY, WIRING (>)<)> INSTALLATION SOLAR SYSTEM AND ELECTRTITION WORK	NOS	7.000	200,000.00	1,400,000.00
				IN : Central GST(9.00%)	126,000.00
				IN : State GST(9.00%)	126,000.00
BSN/SAC Code :					
Line No A/c code Russ Area Cost Center Internal Order WBS Element Network no Asset id					
01	220015	FAL0	M042103F		
				Total PO Value	1,652,000.00

Price basis	: ATS - At Site At Site (Ostapal ,Gurujang
-------------	---

Insurance

Shipping Instruction : To be done by Vendor

Shipping mode	10 to 20 days by air
Payment mode	Demand Draft

Payment mode	Demand Draft
Payment term	As specified in notes below

Payment terms	As specified in notes below
	80 % payment within 15 days
	5%, 5% & 10% in next 3 yrs.

1) In our endeavor to support and save environment, we have now gone paperless; for which we have introduced Vendor Invoice Management system (VIM). For this you have to scan and post the Invoice from now onwards on the designated e-mail Id, Invoice.sesa@vedanta.co.in; clearly indicating PO No. and ASN no as above; without which payment processing shall not take place, or may get delayed.

2) All Invoices have to be printed and in PDF format only, no other file format or handwritten Invoices shall be acceptable, also maintain the same format for the

2.

Sl No.	Name	Village/GP	Status (Working/Not Working)	Improved access to water (Yes/No)	Signature
1	Kaika munda	Gumajara Kalidanda	Working	Yes	K. munda
2	Jagannath Hangdab	Gumajara Kalidanda	"	Yes	Jagannath
3	ଶ୍ରୀକାନ୍ତ ମହା	Gumajara	"	Yes	ଶ୍ରୀକାନ୍ତ ମହା
4	ଶ୍ରୀକାନ୍ତ ମହା	Gumajara	"	Yes	ଶ୍ରୀକାନ୍ତ ମହା
5	Raj Govil	Gumajara	"	Yes	Raj Govil
6	ଶ୍ରୀକାନ୍ତ ମହା	Gumajara	"	Yes	ଶ୍ରୀକାନ୍ତ ମହା
7	ଶ୍ରୀକାନ୍ତ ମହା	Gumajara	"	Yes	Shankar
8	ଶ୍ରୀକାନ୍ତ ମହା	Gumajara	"	Yes	Leben
9	ଶ୍ରୀକାନ୍ତ ମହା	Gumajara	"	Yes	ଶ୍ରୀକାନ୍ତ ମହା
10	Bisha munda	Gumajara	"	Yes	Bisha
11	ଶ୍ରୀକାନ୍ତ ମହା	Gumajara	"	Yes	ଶ୍ରୀକାନ୍ତ ମହା
12	Matari Jamda	Gumajara	"	Yes	Matari Jamda
13	Laxman munda	Gumajara	"	Yes	Laxman munda
14	ଶ୍ରୀକାନ୍ତ ମହା	Gumajara	"	Yes	ଶ୍ରୀକାନ୍ତ ମହା
15	Jana Hombaru	Gumajara	"	Yes	Jana Hombaru
16	ଶ୍ରୀକାନ୍ତ ମହା	Gumajara	"	Yes	ଶ୍ରୀକାନ୍ତ ମହା
17	Rajani Behara	Gumajara	"	Yes	Rajani Behara
18	Anam Behara	Gumajara	"	Yes	Anam Behara
19	Ratama munda Mahanta	Gumajara	"	Yes	Ratama
20	Shobhi kda mahanta	Gumajara	"	Yes	Shobhi kda

SUPPORT FOR HEALTH AND MEDICAL FACILITIES

a) Preventive measures for mitigation of mine related problems

i. **Health Camps:** FACOR organised Health Camps reaching out to 2500 community members with special focus on women and children in Ostapal. The health camps included Paediatric consultation for children and Gynaecologist consultation for women along with free distribution of medicines.



1. **ii. Awareness sessions:** FACOR CSR team is dedicated to disseminating knowledge about Govt health schemes, preventive and curative health measures to community members through awareness sessions. Our team has conducted sessions on Dengue, Malaria, and Tuberculosis to spread awareness among the commoners to bring them closer to government health schemes.



- iii. **Trainings:** FACOR is also working towards bringing upwards change in the society by organize training on family planning and Menstrual hygiene among women members of our community.



b) Promotion of hygiene and sanitation, public health initiatives

i. **Construction of Community Toilet:** FACOR constructed 02 community toilet in Ostapal and kaliapani to promote Swatchh Bharat Mission and ODF and promoting safe sanitation in CSR communities which will help reduce related diseases.



PURCHASE ORDER CONTINUATION

PO NO : 4920061174

Page : 3 of 96

III) You shall also receive regular mails confirming acceptance of material in stores and Invoice posting, from which you can view the details appropriately.

Requested to follow the above procedures and co-operate for proper functioning of SRM and VIM systems and for smooth processing of Bills, from now onwards.

Please supply the under mentioned materials / services subject to the prices, terms and conditions mentioned below, "General Terms and Conditions" and "Applicable Standard terms and conditions":

Sr.	Item code	Plant	UOM	Req.	Qty	Rate	Value
No.	Specification						
1	Constuction of Community Toilet 9990002546	OSMI	AU	1.000	1,009,787.00	1,009,787.00	
1	CSR related civil services		LS	1.000	1,009,787.00	1,009,787.00	
HSN/SAC Code :						IN : Central GST(9.00%)	90,880.83
						IN : State GST(9.00%)	90,880.83
Line no	A/c code	Buss.Area	Cost center	Internal Order	WBS Element	Network no	Asset id
01	211001	FA08	OS41003F				
Total PO Value							1,191,548.66

Price basis : ATS - At Site
at mines, kalarangitta, ostapa

Insurance :

Shipping Instruction :

Payment mode : Demand Draft

Payment terms : 15 Days Credit

1) In our endeavor to support and save environment, we have now gone paperless; for which we have introduced Vendor Invoice Management system (VIM). For this you have to scan and post the Invoice from now onwards on the designated e-mail Id, Invoice.sesa@vedanta.co.in; clearly indicating PO No. and ASN no as above; without which payment processing shall not take place, or may get delayed.

2) All Invoices have to be printed and in PDF format only, no other file format or handwritten Invoices shall be acceptable, also maintain the same format for the invoice.

3) Every Invoice has to be digitally signed in the PDF format; on each page. Invoices

ii. Solid waste management and sanitation drive: As an initiative to promote waste segregation practices among students, twin bins were installed Ostapal Primary School Kansa, Chandimata U.P (M.E) School Kaliapani, Sri Ram UP School Grujuanga. Children were also provided with awareness on solid waste management practices.



3. Support to Skill Development & Education

a) Skill development and vocational training programme to local community:

i. **Tailoring and SHG Trainings:** Tailoring Training provided to 60 women and supported with Jivika kits. Leadership training given to SHG members to develop entrepreneurial trait in them.



b) Promotion of Literacy & Education:

i. **Project Shiksha Sarthi:** the project aimed at promoting quality education among school children through TLM support, digital education facilities, awareness sessions, promotion of sports and extra-curricular activities.

- FACOR supported children with uniforms, TLM support to improve learning engagement & quality education. They were also provided with fruit sapling to for highlighting plantation and nutrition importance. New School desk bench also installed at Sri Ram UP School.



GSTIN: 21AAACF1999A123

PURCHASE ORDER

Page : 1 of 99

PO Number : 4920060325
PO Date : 10.02.2023

Vendor Code : 734007
Vendor Name : FUNARUTHAN VOLUNTARY ORGANIZATION

Vendor Address : ANANTAPUR, SORO, BALASORE, ODISHA
BALASORE - Orissa, 756046
India.

Your Reference : GANESH DIXIT INVOICE

Our Reference : 7205803724 BPO

PO Currency : Indian Rupee

PO Validity : 10.02.2023 To 30.04.2023
Delivery Place/ : CHARGE CHROME PLANT
Billing Address : Randia Bhadrak Orissa 756135 India

DELIVERY DATE: SEE BELOW
WE RESERVE THE RIGHT TO
REJECT THE MATERIAL SUPPLIED
15 DAYS IN ADVANCE OF
DELIVERY DATE SPECIFIED IN
THIS PURCHASE ORDER

I) PO CONFIRMATION/ACKNOWLEDGEMENT:

You shall receive an email confirmation after release of each Purchase Order from our end. Email will provide you a link, from which you can log into SRM portal and view and/or download the PO. For downloading or saving the PO, please click on "PRINT" option. Immediately after receipt of PO, you have to provide "CONFIRMATION" to all items. Alternately, you may directly log into your account in SRM portal through our official website <https://sesagocaironore.com/procurement/vendor-e-portal/> and provide "CONFIRMATIONS". In case no confirmation is received from you within 2 days of receipt of PO, then PO shall be deemed accepted to you. However, without giving "CONFIRMATION", ASN as follows, cannot be created, and it has to be done without exception.

Sr.	Item code	Plant	UOM	Req. Qty	Rate	Value
No.	Specification					
1	FACOR SATHI SHIKSHA AMRUT CCPL PARIYOJANA, FAC 9990001969		AU	1.000	3,583,935.40	3,583,935.40
1	Provision of training and allied support to women group for initiating microenterprise includes supplying of raw material (one time), branding IGA support, marketing support, sealing machine, weighting machine, partnership with SHGs (grading), marketing officer. SCOPE OF WORK- FACOR SATHI FACOR SATHI SIKSHYA AMRIT PARIYOJANA. Goal: To improve quality of education among children in rural communities in CSR operational areas. Objectives: 1.,,To improve access to quality education for 200 students by supporting 03 schools functioning in mines area FY 2022-23.		LS	0.393	8,685,170.00	3,413,271.81

- Various quizzes, drawing, and sports competitions conducted with school children, followed by interactive discussions on themes of safety Do's and Don'ts, child rights, environment protection, etc along with prize and certificate distribution.





ii. Support to Stewart School: FACOR supports Stewart School, Sukhinda through contributions for teacher engagement with an aim to promote quality education to the community children.

iii. Teacher engagement: FACOR is engaging 06 teachers at Sri Ram UP School for providing free education to community children, and 02 teachers at Kaliapani Remedial Coaching class centre.

iv. Quality Education- School renovation:

To better the education facilities to children in Mines localities, FACOR CSR renovated Ostapal Primary School Kansa with washroom support for creation of improved and safer school premises.

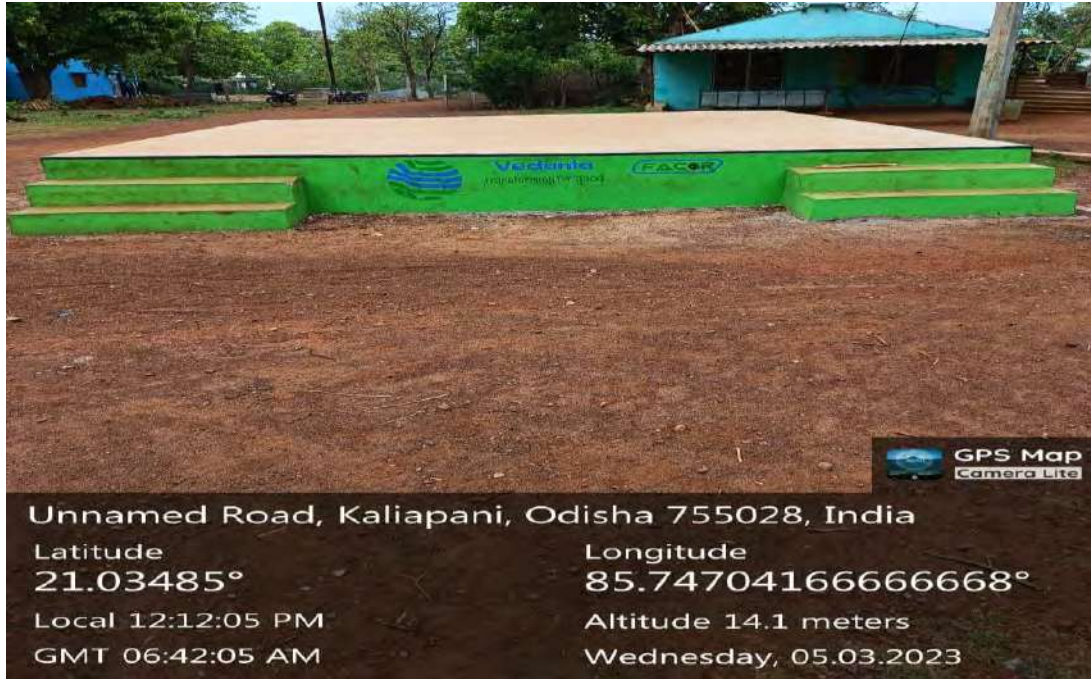




v. Computer lab Setup: FACOR has setup computer lab at Sri Ram UP School to provide quality and digital education to the community kids.



vi. Remedial Coaching Classes: FACOR has initiated remedial coaching classes at Kaliapani for the students of class 7th to 10th for Maths and Science.



PO NO : 4920059400

Page : 3 of 96

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Requested to follow the above procedures and co-operate for proper functioning of SRM and VIM systems and for smooth processing of Bills, from now onwards.

Please supply the under mentioned materials / services subject to the prices, terms and conditions mentioned below, "General Terms and Conditions" and "Applicable Standard terms and conditions":

Sr. No.	Item code	Plant	UOM	Req. Qty	Rate	Value
1	GRAM CHAUPAL	OSMI	AU	1.000	759,737.00	759,737.00
1	9990002546 CSR related civil services		LS	1.000	759,737.00	759,737.00
	CSR civil services				IN : Central GST(9.00%)	68,376.33
	Gram chaupal 6 nos Mines				IN : State GST(9.00%)	68,376.33
	Delivery period 30 days after Intimation to vendor					
	100 % payment after work completion and certify invoice submission within 15days					
	Delivery period 30 days after Intimation to vendor					
	HSN/SAC Code :					
Line no	A/c code	Buss.Area	Cost center	Internal Order	WBS Element	Network no
01	220015	FA10	OS42003F			Asset id
Total PO Value						896,489.66

Price basis : ATS - At Site
ats ostapal,katta,kathapal

Insurance :

Shipping Instruction :

Payment mode : Demand Draft

Payment terms : 30 Days Credit

1) In our endeavor to support and save environment, we have now gone paperless; for which we have introduced Vendor Invoice Management system (VIM). For this you have to scan and post the Invoice from now onwards on the designated e-mail Id,

b) Livelihood & Socio-economic Standard Improvement Support

i. CHAPPAL MAKING/MASALA PRODUCTION UNIT/DONA PATTAL PRODUCTION UNIT FOR SHG WOMEN: FACOR established Chappal Unit and Dona Pattal Production Unit for SHG group in Gurujang and Kaliapani respectively. The initiative includes support to SHG women with Chappal making and Donapattal making machine, packaging machines, raw materials, and training and marketing support. Marketing support is also being provided to Masala unit setup by FACOR in the last year. The initiative aims at encouraging our community women to become self-sustained and empowered.



ii. HARYALI Project: FACOR is provided nutri garden training to 40 women and supported them with Nutri kits including Seeds and vermicompost.



5. Support to Transportation Services & Infrastructure

i. Village Illumination: In order to promote safety, and improve quality of life of community people, FACOR installed solar 40 streetlights within internal pockets of villages in Ostapal. Moreover, this initiative promotes use of sustainable sources of energy to move towards reducing carbon emission in the environment.



GSTIN: ZIAAGCF1906A125

PURCHASE ORDER

Page : 1 of 97

PO Number : 4920055962
PO Date : 08.07.2022
Vendor Code : 733824
Vendor Name : SHREE JAGANNATHA ELECTROLIGHT INDUSTRIES
Vendor Address :
PLOT NO-397, BOMIKHAL CUTTACK ROAD, BHUBANESWAR
BHUBANESWAR - Orissa, 751010
India.
Your Reference : Shree Jagannath Elect. indus. Mail-29.4.22
Our Reference : 0674-2548718 3000000147
PO Currency : Indian Rupee
PO Validity : 01.07.2022 To 30.09.2022
Delivery Place/ : ENG.STR - CHARGE CHROME
Billing Address : D. P. Nagar/Randia Bhadrak Orissa 756135 India

DELIVERY DATE: SEE BELOW
WE RESERVE THE RIGHT TO
REJECT THE MATERIAL SUPPLIED
15 DAYS IN ADVANCE OF
DELIVERY DATE SPECIFIED IN
THIS PURCHASE ORDER

I) PO CONFIRMATION/ACKNOWLEDGEMENT:

You shall receive an email confirmation after release of each Purchase Order from our end. Email will provide you a link, from which you can log into SRM portal and view and/or download the PO. For downloading or saving the PO, please click on "PRINT" option. Immediately after receipt of PO, you have to provide "CONFIRMATION" to all items. Alternately, you may directly log into your account in SRM portal through our official website <https://sesagoaironore.com/procurement/vendor-e-portal/> and provide "CONFIRMATIONS". In case no confirmation is received from you within 2 days of receipt of PO, then PO shall be deemed accepted to you. However, without giving "CONFIRMATION", ASN as follows, cannot be created, and it has to be done without exception.

Confirmations, acknowledgement and ASN shall not be applicable for Service line items of the PO

II) PRE-DELIVERY CONDITION:

1) At the time of dispatch of material. You have to log into SRM system, open "Create ASN" tab and enter dispatch details, like DC No., DC date, Vehicle No., Quantity, LR No. & LR Date against each proposed delivery item, and saved, when system will generate a unique no. This is called as Advance Shipping Notice (ASN), and same has to be imprinted on every Invoice.

ASN shall not be applicable for Service POs

OCM/ENV/ 1554 /2023

DATE: 20.04.2023

To
The Collector,
Jajpur District,
ODISHA

Sub: Annual Report on implementation of Community development Plan for the year 2022-23

Ref: Environment Clearance (Identification No:EC22B001OR12081) Condition No.76 of Ostapal Chromite Mines of M/s Ferro Alloys Corporation Limited.

Respected Sir,

Referring to the above cited subject we would like to submit the Annual Report on implementation of Community development Plan for the year 2022-23 for Ostapal Chromite Mine of M/s Ferro Alloys Corporation Limited.

This is for your kind perusal.

Thanking You,

Yours Faithfully
For M/s Ferro Alloys Corporation Limited



MINE MANAGER
OSTAPAL CHROMITE MINE

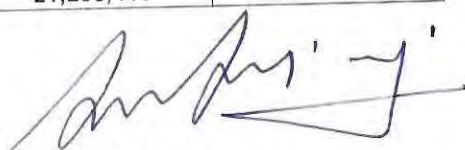
Enclosures: As above

CC: The Joint Director, MOEF & CC , Eastern Region Bhubaneshwar

OCM/ENV/ 1856/2023

Date:08.08.2023

ENVIRONMENTAL MANAGEMENT EXPENSES FOR THE FY 2022-23 OSTAPAL CHROMITE MINE,M/s FACOR LTD			
Sl. No.	ITEM	(in Rupees ₹)	REFERENCE
1	AFFORESTATION FY 2022-23		
I	Inside Mines 2502 Nos. planted for 2022-23		
a)	Seedlings	162,630	
b)	Fertilizer/Insecticide/Cow -dung	72,425	
c)	Digging of Pits/Planting (Laborcost)	101,395	
d)	Post Plantation care(Watering, Weeding, basin making etc.)	347,640	
e)	Supervising(2 no. of supervisor)	539,233	
	Sub-Total	1,223,323	
II.	Outside Mine for Community Plantation		
a)	2150 Nos.Fruit Bearing distributed & Planted	161,250	
	(A) Total	1,384,573	Annexure No.-1
2	WATER MANAGEMENT & TREATMENT		
a)	ETP Operation & Maintenance	1,843,991	Annexure No.-2
b)	Cost of Chemical	764,871	Annexure No.-3
c)	STP Installation & Operation	459,079	Annexure No.-4
d)	Sludge disposal	60,413	Annexure No.-5
e)	Water sample analysis	75,876	Annexure No.-6
f)	Scientific study of Ground water Imapct	454,500	Annexure No.-7
g)	Scientific Study through IIMT, Bhubanesewar for Hexavalent Reduction	372,083	Annexure No.-8
	(B)Sub-Total	4,030,813	
3	AIR MONITORING & DUST SUPPRESSION		
a)	Installation of AAQMS (1 no.)	5,200,000	Annexure No.-9
b)	Water spraying at dust generating points by water tanker 3090 No. trip	3,871,865	Annexure No.-10
c)	Air monitoring charges	1,168,609	Annexure No.-6
d)	Digital Display Board for Public Information	1,80,000	Annexure No.-11
	(C) Sub-Total	10,240,474	
4	NOISE MONITORING	(D)	Annexure No.-6
5	USED OIL ANALYSIS	(E)	Annexure No.-6
6	SOILCONSERVATION & MONITORING		
a)	Soil Analysis	14,094	Annexure No.-6
b)	Used of Geotextile & Silpauline	4535000	Annexure No.-12
c)	Retaining wall 100 mtrs construction	294448	Annexure No.-13
	(F) Sub-Total	4,843,542	
7	Awareness programme Conducted		
a)	MEMC Week celebration	34,044	Annexure No.-14
b)	Safety week celebration	204,540	
c)	World Environment Day celebration	42,000	Annexure No.-15
d)	Wildlife management plan preapre (Rs 420000) & action for Prevent Forest Fire (Rs 15000)	435,000	Annexure NO.-16
	(G)Sub-Total	715,584	
	Grand Total	21,233,418	


HEAD-ENVIRONMENT
OSTAPAL CHROMITE MINE

MINE MANAGER
OSTAPAL CHROMITE MINE

M/s. Ferro Alloys Corporation Ltd. (A subsidiary of Vedanta Ltd.)

Registered Office:

D.P. Nagar, PO: Randia, Dist.: Bhadrak, Odisha, India - 756 135

T +91-6784 240320/240347, Email: facor.mines@vedanta.co.in / facor.ccp@vedanta.co.in

Website: www.facorgroup.in, CIN: U45201OR1955PLC008400.



Decide with Confidence
D&B D-U-N-S*NUMBER-
65-064-5117

Orissa Motors Pvt. Ltd.

Stevedores, Steamer Agent, Custom House Agent & Logistics

Ref. No. : ONPC/OCM/ENV/2023-24/919

Date : 05/08/2023

**EXPENSES FOR AFFORESTATION PROGRAMME/WORK AT OSTAPAL CHROMITE MINE
FOR THE YEAR 2022-23
M/s FACOR LTD**

Sl. No.	I T E M	Amount in Rs	Remarks
A.	2502 sapling planted during 2022-23		
a)	Seedlings	162,630.00	Work has been carried out as per MDO Contract vide No.:4900020808, dated 29.1.2022. & workmen supply contract vide PO No.: 490059136, dated 20.12.2022
b)	Cow dung	72,425.00	
c)	Digging of Pits/Planting (Labor cost)	101,395.00	
d)	Post Plantation care (Watering, Weeding, basin making etc.)	347,640.00	
e)	Supervising (2 no. of supervisor)	539,233.00	
	Sub-Total	1,223,323.00	
B.	2150 No. of Fruit Bearing sapling distributed & planted	Rs 161250.00.	

And further, 2150 No. of Fruit Bearing sapling distributed & planted: Rs 161250

(All the plants were developed in own Nursery.)

Thanking You

Yours Sincerely

For Orissa Motors Pvt Ltd

Authorized Signatory



Tax Invoice

ORISSA MOTORS PVT LTD

PLOT NO.: 244, SEC-A, ZONE-B MANCHESWAR INDUSTRIAL
ESTATE BHUBANESWAR-10
GSTIN/UIN: 21AAAC09126G12R
State Name: Odisha, Code: 21
CIN: U50103OR2007PYC009255
E-Mail: orissamotors@gmail.com

Invoice No.
OMPL/OCM/22/23-24

Dated
07/04/2023

Vendor Code
734189

Mode/Terms of Payment

Supplier's Ref.
LOC DATE: 11-11-2021

Other Reference(s)

TO:
Ferro Alloys Corporation Ltd
D P Nagar, Randia,
Bhadrak-756135
GST No. 21AAACF1999A1Z3

Buyer Order No:
PO Number: 4800020808

Date: 29-01-2022

Terms of Delivery:

SI No.	Description of Goods	HSN/SAC	QUANTITY (CuM)	RATE	Per	Disc. %	Amount (Rs)
1	Mines Development And Operation Charges (01-03-2023 to 31-03-2023)	998622	92,068.000	383.00	Cum		3,52,62,044.00
2	COB Feeding for the month of (01-03-2023 to 31-03-2023)	998622	11,207.050	279.00	Mt		31,26,766.95
3	Wages Escalation						7,09,084.60
4	Diesel De-Escalation						-3,97,999.17
	CGST			9 %			34,82,990.67
	SGST			9 %			34,82,990.67
	Round off.						0.27
	Total						Rs. 4,56,65,878.00

Amount Chargeable (In words)

E. & O.E

Rupees: Four Crore Fifty Six Lakh Sixty Five Thousand Eight Hundred Seventy Eight Only

HSN/SAC: 996751	Taxable Value	GST Tax		Total Amount
		Rate	Tax Amount	
	3,86,99,896.38	18%	69,65,981.35	4,56,65,878.00
Total :	3,86,99,896.38		69,65,981.35	4,56,65,878.00

Tax Amount (In words) : Rupees Sixty Nine Lakh Sixty Five Thousand Nine Hundred Eighty One and Thirty Five Paise Only

Note: As we requested about the one side distance clause i.e. 2 Kms, Not included here we will raise separate bill for the same once it got approved from your side.

Company's Bank Details:

Bank Name : BANK OF INDIA
A/c No. : 556630110000045
Branch & IFS Code : JAYADEV VIHAR & BKID0005564
Company's PAN : AAACO9126G

Declaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

For ORISSA MOTORS PVT. LTD.

Authorised Signatory

Please confirm correctness of this invoice within 7 days from the date of receipt. In case we do not get any reply from you within 7 days, we will treat the invoice as correct.

This is a Computer Generated Invoice

[Signature]
(FINANCE)

[Signature]
S.K. Chow

[Signature]
12/04/2023

[Signature]
11/04/2023
EMUTHUMARI

CHEMICAL EXPENSES FOR WATER TREATMENT THROUGH ETP FY 2022-23 OSTAPAL CHROMITE MINES			
Inv. Ref No.	Material/Chemical	Qauntity	Amount in Rs (Including Tax)
No.-18, E-way Bill No. 4712641153, Dated 13.7.2022	Ferrous sulphate	10 Ton	174640.00
Invoice No.-10, Dated 13.10.2022	Ferrous sulphate	3 Ton	48675.00
Invoice No.- 11, Dated 17.10.2022	Ferrous sulphate	3 Ton	48675.00
No.-18, E-way Bill No. 42129365340, Dated 22.11.2022	Ferrous sulphate	9 Ton	146025.00
No.-23, E-way Bill No. 42131532214, Dated 20.02.2022	Ferrous sulphate	9 Ton	259300.00
NSPL/69/22-23, dated 04.07.2022	Caustic soda,Poly electrolyte,Hydrocloric acid	610 Kg	71036.00
NSPU200/22-23, Dt 24.01.2023	Caustic soda	200 kg	16520.00
Total Expense			764871.00

Note: Details evidences are enclosed below

Tax Invoice

Lee Dealers D-4, Mohini Complex, Anilsur Path Uliyan, Kadma Jamshedpur, Jharkhand 831005 GSTIN/UIN: 20GHBP0549B1Z9 State Name : Jharkhand, Code : 20		Invoice No.	e-Way Bill No.	Dated		
		1	471264115393	13-Jul-22		
		Delivery Note		Mode/Terms of Payment		
		Reference No. & Date.		Other References		
Consignee (Ship to) Orissa Motors Pvt. Ltd. Plot No. 244, Sector - A, Zone - B, Mancheswar Industrial Estate Bhubaneswar GSTIN/UIN : 21AAACO9126G1ZR State Name : Odisha, Code : 21		Buyer's Order No.		Dated		
		Dispatch Doc No.		Delivery Note Date		
		Dispatched through		Destination		
		Bill of Lading/LR-RR No.		Motor Vehicle No.		
Buyer (Bill to) Orissa Motors Pvt. Ltd. Plot No. 244, Sector - A, Zone - B, Mancheswar Industrial Estate Bhubaneswar GSTIN/UIN : 21AAACO9126G1ZR State Name : Odisha, Code : 21		By Road		OD02AV2157		
		Terms of Delivery				
SI No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount
1	FERROUS SULPHATE & INDUSTRIAL CHEMICAL	28332910	10.000 MT	14,800.00	MT	1,48,000.00
	INPUT IGST @18%					26,640.00
Total			10.000 MT			₹ 1,74,640.00
Amount Chargeable (in words) INR One Lakh Seventy Four Thousand Six Hundred Forty Only						E. & O.E
HSN/SAC		Taxable Value	Integrated Tax		Total	
			Rate	Amount	Tax Amount	
28332910		1,48,000.00	18%	26,640.00	26,640.00	
Total		1,48,000.00		26,640.00	26,640.00	
Tax Amount (in words) : INR Twenty Six Thousand Six Hundred Forty Only						
Company's PAN : GHBP0549B						
Declaration We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.		for Lee Dealers Authorised Signatory				

This is a Computer Generated Invoice

GSTIN : 20GHBP0549B1Z9

TAX INVOICE / CHALLAN

Mobile

LEE DEALERS

D-4, Mohini Complex, Anil Sur Path, Uliyan, Kadma, Jamshedpur-831005

Invoice No. 10	Date 13-10-2022	State: Jharkhand State Code: 20	Vehicle No. OD33AA-4562
Details of Receiver (Billed To): Name: ORISSA MOTORS PVT LTD Address: Plot no - 244 sector - A Town B, Mancheswar Industrial Estate, Bhubaneswar. State: ODISHA State Code: 21 GSTIN: 21AAA00912651Z-R		Details of Consignee (Shipped To): Name: ORISSA MOTORS PVT LTD Address: DIST. HONOL CHROMITE MINES VEDANTH, FANOR, Kaliaipani, Jharkhand State: JHARKHAND State Code: 21 GSTIN: 21AAA00912651Z-R	

Sl. No.	Description of Goods	HSN	Qty.	Rate	Amount Rs. P.
①	Ferrous Sulphate - hepta Tech grade.	28332910	3.00 MT	13750/MT	41250.00
All AMOUNT					41250.00
Add: COST @ 18%					7425.00
Add: SGST @ 8%					—
Add: IGST @ 8%					—
Total Amount					48,675.00
Discount / RO					—
GRAND TOTAL					48,675.00

Amount in words: Forty eight thousand six hundred
Seventy five Rs Only —

For Lee Dealers
Authorized Signatory
E & O, B.

GSTIN : 20GHBP0549B1Z9

TAX INVOICE / CHALLAN

Mobile :

LEE DEALERS

D-4, Mohini Complex, Anll Sur Path, Uliyan, Kadma, Jamshedpur-831005

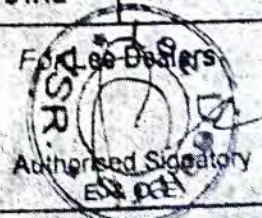
Invoice No. 11	Date 17-10-2022	State: Jharkhand State Code : 20	Vehicle No. GD33AA-7562.
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Details of Receiver (Billed To):
Name: ORISSA MOTORS PVT LTD
Address: Plot No. 244, Sector. A,
Zone B, Mancheswar, Industrial
State - Bhubaneswar,
State: ODISHA
State Code - 21
GSTIN: 21AAAC09126G1ZR

Details of Consignee (Shipped To):
Name: ORISSA MOTORS PVT LTD.
Address: OSTOPAL CHROMITE MINES
VEDANTA, FACOR, Kaliapaw, sagpur
State: ODISHA
State Code: 21
GSTIN: 21AAAC09126G1ZR

Sl. No.	Description of Goods	HSN	Qty.	Rate	Amount Rs.	P.
①	Ferrous Sulphate - Hepta Tech grade.	2833910	3.0 MT	13,750 / MT	41,250.00	
All AMOUNT					41,250.00	
Add: CGST @ 12%					4,950.00	
Add: SGST @ 6%						
Add: IGST @ 0%						
Total Amount					48,675.00	
Discount / RO						
GRAND TOTAL					48,675.00	

Amount in words Forty eight thousand, six hundred
Seventy five Rs only



Tax Invoice

Lee Dealers D-4, Mohini Complex, Anilsur Path Uliyan, Kadma Jamshedpur, Jharkhand 831005 GSTIN/UIN: 20GHBD0549B1Z9 State Name : Jharkhand, Code : 20		Invoice No. e-Way Bill No.		Dated		
		18 421293653405		22-Nov-22		
		Delivery Note		Mode/Terms of Payment		
		Reference No. & Date.		Other References		
Consignee (Ship to) Orissa Motors Pvt. Ltd. Plot No. 244, Sector - A, Zone - B, Mancheswar Industrial Estate Bhubaneswar GSTIN/UIN : 21AAACO9126G1ZR State Name : Odisha, Code : 21		Buyer's Order No.		Dated		
		Dispatch Doc No.		Delivery Note Date		
		Dispatched through		Destination		
		BY ROAD		ORISSA		
		Bill of Lading/LR-RR No.		Motor Vehicle No.		
				OD02AV6570		
Buyer (Bill to) Orissa Motors Pvt. Ltd. Plot No. 244, Sector - A, Zone - B, Mancheswar Industrial Estate Bhubaneswar GSTIN/UIN : 21AAACO9126G1ZR State Name : Odisha, Code : 21 Place of Supply : Odisha		Terms of Delivery				
SI No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount
1	FERROUS SULPHATE & INDUSTRIAL CHEMICAL	28332910	9.000 MT	13,750.00	MT	1,23,750.00
	<i>INPUT IGST @18%</i>					22,275.00
	Total		9.000 MT			₹ 1,46,025.00
Amount Chargeable (in words)						E. & O.E
INR One Lakh Forty Six Thousand Twenty Five Only						
HSN/SAC		Taxable Value	Integrated Tax		Total	
			Rate	Amount	Tax Amount	
28332910		1,23,750.00	18%	22,275.00	22,275.00	
Total		1,23,750.00		22,275.00	22,275.00	
Tax Amount (in words) : INR Twenty Two Thousand Two Hundred Seventy Five Only						
Company's PAN : GHBD0549B		for Lee Dealers Authorised Signatory				
Declaration We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.						

This is a Computer Generated Invoice

Tax Invoice

Lee Dealers D-4, Mohini Complex, Anilsur Path Uliyan, Kadma Jamshedpur, Jharkhand 831005 GSTIN/UIN: 20GHBD0549B1Z9 State Name : Jharkhand, Code : 20		Invoice No. 23		e-Way Bill No. 421315322144		Dated 20-Feb-23	
		Delivery Note		Mode/Terms of Payment			
		Reference No. & Date.		Other References			
		Buyer's Order No.		Dated			
Consignee (Ship to) Orissa Motors Pvt. Ltd. Plot No. 244, Sector - A, Zone - B, Mancheswar Industrial Estate Bhubaneswar GSTIN/UIN : 21AAACO9126G1ZR State Name : Odisha, Code : 21		Dispatch Doc No.		Delivery Note Date			
		Dispatched through BY ROAD		Destination ORISSA			
		Bill of Lading/LR-RR No.		Motor Vehicle No. OD02AH0136			
		Terms of Delivery					
Buyer (Bill to) Orissa Motors Pvt. Ltd. Plot No. 244, Sector - A, Zone - B, Mancheswar Industrial Estate Bhubaneswar GSTIN/UIN : 21AAACO9126G1ZR State Name : Odisha, Code : 21 Place of Supply : Odisha							

SI No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount
1	FERROUS SULPHATE & INDUSTRIAL CHEMICAL	28332910	10.000 MT	13,500.00	MT	1,35,000.00
	<i>INPUT IGST @18%</i>					24,300.00
Total			10.000 MT			₹ 1,59,300.00

Amount Chargeable (in words) E. & O.E
INR One Lakh Fifty Nine Thousand Three Hundred Only

HSN/SAC	Taxable Value	Integrated Tax		Total Tax Amount
		Rate	Amount	
28332910	1,35,000.00	18%	24,300.00	24,300.00
Total	1,35,000.00		24,300.00	24,300.00

Tax Amount (in words) : **INR Twenty Four Thousand Three Hundred Only**

Company's PAN : **GHBPD0549B**

Declaration
We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

for Lee Dealers

Authorised Signatory

This is a Computer Generated Invoice

Tax Invoice

Plot No 103/B , BDA Duplex

Odisha-751003

GSTIN/UIN: 21AACCN8904H1ZO

State Name : Odisha, Code : 21

E-Mail : abinash@nivtech.in , service@nivtech.in

Consignee (Ship to)	
---------------------	--

Orissa Motors Private Limited

Plot No-244, Sec-A, Zone -B, Macnh.IND. Estate

Bhubaneswar, Khorda, Odisha 751010

GSTIN/UIN : 21AAAC09126G1ZR

State Name : Odisha, Code : 21

Invoice No.	
-------------	--

NSPL/200/22-23

Delivery Note

974

Reference No. & Date.

Buyer's Order No.

Verbal

Dispatch Doc No.

Dispatched through

Terms of Delivery

Dated	
--------------	--

24-Jan-23

24-0411-23	Mode/Terms of Payment
------------	-----------------------

7 Days

Other References

Dated	
--------------	--

22-Jan-23

Delivery Note Date	
--------------------	--

24-Jan-23

Destination	
-------------	--

SI No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Disc. %	Amount
1	Caustic Soda Flakes	28151110	200.000 kgs	70.00	kgs		14,000.00
	SGST						1,260.00
	CGST						1,260.00
	Total		200.000 kgs				₹ 16,520.00

Amount Chargeable (in words)

INR Sixteen Thousand Five Hundred Twenty Only

E. & O.E

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
28151110	14,000.00	9%	1,260.00	9%	1,260.00	2,520.00
Total	14,000.00		1,260.00		1,260.00	2,520.00

Tax Amount (in words) : INR Two Thousand Five Hundred Twenty Only

Declaration

Declaration
We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Company's Bank Details

Bank Name : HDFC BANK LTD

A/c No. : 245720000001458

Branch & IFS Code: **RUCHIKA MARKET & HDFC0002457**

for NIV TECH SOLUTIONS PVT. LTD.

Authorised Signatory

SUBJECT TO BHUBANESWAR JURISDICTION

This is a Computer Generated Invoice





Decide with Confidence
D&B D-U-N-S*NUMBER-
65-064-5117

Orissa Motors Pvt. Ltd.

Stevedores, Steamer Agent, Custom House Agent & Logistics

Ref. No. :

Date :

PURCHASE ORDER

ORISSA MOTORS PRIVATE LIMITED

PO No : OMPL/PO/ 22-23/056

PLOT NO-244, SEC -A, ZONE-B, MANCH. IND. ESTATE
BHUBANESWAR, KHORDA ,ODISHA 751010
GST REG NO- 21AAACO9126GIZR

TO :	SHIP TO :
LEE DEALERS D-4 Mohini Complex, uliyar kadma, east singhbhum, Jharkhand -831005, Mob no- 7004581288 TIN NO – 20GHBP0549B1Z9	COMPANY: ORISSA MOTORS PRIVATE LIMITED ADDRESS: OSTAPAL CHROMITE MINES VEDANTA/ FECOR, KALIAPANI, JAIPUR ODISHA 755028

DATE	REQUISITIONED BY
08.10.2022	Abhay Biswal

SI NO	DESCRIPTION	QUANTITY (MT)	UNIT PRICE	TOTAL
1	Ferrous Sulphate .HSN code-28332910	15	13750	2,06,250.00
			GST 18%	37,125.00
			SUB TOTAL	2,43,375.00

1. PRICE : F.O.R Ostapal Mines site(Including P, F & Freight charges)
2. DESPATCH: Through any fast moving road transport
3. Delivery period : 7days after receiving PO
4. PAYMENT : 1-2 Days after receiving

Prepared By

Recommended By



Regd. Off.: Plot No. 244, Sector-A, Zone-B, Mancheswar Industrial Estate, Mancheswar, Bhubaneswar-751010

Corp. Off.: 51, Budheswari Colony, Laxmisagar, Bhubaneswar - 751006, Odisha

Ph No 0674-2573307, E-mail orissamotors@gmail.com

EXPENSES FOR STP DURING 2022-23

LEDGER STATEMENT			
EXPENSES FOR STP AT OSTAPAL MINES 10 KLD & 20 KLD			
PO NO. 4700003943			
Date	INV No.	Amount	Particulars
9/10/2022	183	183,844.00	Ostapal 10 KLD - 10%
9/10/2022	184	275,235.00	Ostapal 20 KLD - 10%
Total		459,079.00	For both 10 KLD & 20 KLD STP

TAX INVOICE

S J ENVIRONMENTAL SOLUTIONS PLOT-16, MANCHESWAR SEC-A, ZONE-B, MANCHESWAR I/E BHUBANESWAR, ODISHA-751010 PH- 0674-2580363 PAN NO: ACPFS7208B GSTIN: 21ACPF57208B1ZD		Original Buyer's Copy Invoice No: SJ/22-23/183 Offer No: NA Byers Reference No: LOI/FACOR/MINES/SUSCA P/STP/11 Dispatch Note/Ch. No: NA E Way Bill No: NA Product Specification: Supply ofSewage Treatment Plant 10KLD.		Invoice Date: 10 September 2022
				Offer Date: NA
				Date: 05 November 2021
				Dispatch Date: NA
				E Way Bill Date: NA
Buyers M/S FERRO ALLOY CORPORATION LIMITED D.P.NAGAR, RANDIA HAT BHADRAK ODISHA-756135, INDIA PAN NO:AAACF1999A GSTIN: 21AAACF1999A1Z3				


SR No	Particulars	HSN	GST RATE	UNIT DETAILS			Amount (INR)
				UOM	UNIT	PRICE/UNIT	
1	Sewage Treatment Plant 10 KLD at Ostapal Mines- 10% of the Project Cost against PBG	94031010	18%	No.	1	155,800.00	155,800.00
NET TOTAL							155,800.00
CGST@9%							14,022.00
SGST@9%							14,022.00
Round Off							-
TOTAL							183,844.00

Amount Chargable (in words):
INR One Lakh Eighty three Thousand Eight Hundred Forty Four Only.
Transport Details: NA
Veichle No: NA

PAYMENT ACCOUNT DETAILS SJ ENVIRONMENTAL SOLUTIONS HDFC BANK, BHUBANESWAR A/C NO- 50200008490564 IFSC- HDFC0001080	PAYMENT MODE CHEQUE/NEFT/RTGS
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Declaration

* We declare that, this invoice shows the actual price of the goods described and that all particulars are true & correct.
* All subject to Bhubaneswar Jurisdiction only.

For SJ Environmental Solutions

Authorized Signatory

TAX INVOICE

S J ENVIRONMENTAL SOLUTIONS PLOT-16, MANCHESWAR SEC-A, ZONE-B, MANCHESWAR I/E BHUBANESWAR, ODISHA-751010 PH- 0674-2580363 PAN NO: ACPFS7208B GSTIN: 21ACPFS7208B1ZD		Original Buyer's Copy Invoice No: SJ/22-23/184 Offer No: NA Byers Reference No: LOI/FACOR/MINES/SUSCA P/STP/11 Dispatch Note/Ch. No: NA E Way Bill No: NA Product Specification: Supply of Sewage Treatment Plant 20KLD.		Invoice Date: 10 September 2022
				Offer Date: NA
				Date: 05 November 2021
				Dispatch Date: NA
				E Way Bill Date: NA
Buyers M/S FERRO ALLOY CORPORATION LIMITED D.P.NAGAR, RANDIA HAT BHADRAK ODISHA-756135, INDIA PAN NO:AAACF1999A GSTIN: 21AAACF1999A1Z3				

SR No	Particulars	HSN	GST RATE	UNIT DETAILS			Amount (INR)
				UOM	UNIT	PRICE/UNIT	
1	Sewage Treatment Plant 20 KLD at Ostapal Mines-10% of the Project Cost against PBG	94031010	18%	No.	1	233,250.00	233,250.00
NET TOTAL							233,250.00
CGST@9%							20,992.50
SGST@9%							20,992.50
Round Off							-
TOTAL							275,235.00

Amount Chargable (in words):
INR Two Lakh Seventy Five Thousand Two Hundred Thirty Five Only.

Transport Details: NA
Veichle No: NA


PAYMENT ACCOUNT DETAILS SJ ENVIRONMENTAL SOLUTIONS HDFC BANK, BHUBANESWAR A/C NO- 50200008490564 IFSC- HDFC0001080	PAYMENT MODE CHEQUE/NEFT/RTGS
---	---

Declaration

* We declare that, this invoice shows the actual price of the goods described and that all particulars are true & correct.

* All subject to Bhubaneswar Jurisdiction only.

For SJ Environmental Solutions


Authorized Signatory

**TOTAL EXPENSES FOR DISPOSAL OF ETP SLUDGE
OSTAPAL CHROMITE MINE**

Sl. No	Expenses for	Amount (Rs)	Date	Remarks
1	Full Analysis of ETP Sludge	18500.002	Inv. No.:9300058615, Dt.31.12.2022	PO No.4920060538, Dated 25.02.2023
2	ETP Sludge Disposal	21967.55	Inv. No.:9300064826, Dt.28.2.2023	
3		19945.42	Inv. No.:9300038428, Dt.30.06.2022	WO:BHF/WO/370/2021-22, dated 25.09.2021
Total Amount Expense		60412.99		

Note: Details of the ref. copies are enclosed for Ref.



Sustainability

ORIGINAL

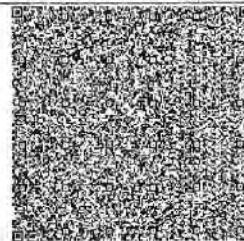
Re Sustainability Limited
(Formerly Known As Ramky Enviro Engineers Ltd)
(Unit-Odisha Waste Management Project)

Plot No-420/648/1, Kalinga Nagar Indu'l Complex Vill- Kanchichuan, Via Sukinda

Jajapur, Odisha, India, 755018 Ph: 7752020330,

Email-ID: financeowmp@ramky.com

CIN: U74140TG1994PLC018833

**TAX INVOICE**

IRN No : 20b57ac0a903eb71d9eede5f27d14c1558e953b0476246e2c6a1e270544829db

IRN Acknowledgement No : 182211898317511

Acknowledgement Date & Time : 30-06-2022/19:47:00

GSTIN :	21AAACR9626A1ZV PAN NO: AAACR9626A	E Way Bill No :	
Document No. :	9300038428	Transporter Name :	
Invoice Date :	30.06.2022	Transport GSTIN :	
GSTIN Invoice No. :	OD0020000064	Vehicle Number :	Vehicle Type :
Member ship No :	JJKR/OCM-004	GR/LR number :	GR/LR Date :
State: Odisha	State Code : 21	E Way Bill Validity :-	
Customer Id : 1020424		Place of Supply :	N/A
Details of Receiver	Billed To : 1020424	PAN.No:AAACF1999A	Details of
Name: Ferro Alloys Corporation Limited,			Shipped To : 1020424
Address: ostapal chromite mines, kallapani			PAN.No:AAACF1999A
Jajpur, 755047 Ph: 9437496038			
Odisha, India			
State: Odisha	State Code: 21	GSTIN/UIN : 21AAACF1999A1Z3	TAN No: HYDE01230D
State: Odisha	State Code: 21	State: Odisha	State 21

Type of Service	Waste Disposal Charges
Billing Period	June-2022
PO/WO Number.	BHF/WO/370/2021-22, DT- 25.09.2021

SL No	Name of Product/Service	HSN/SAC	UOM	Qty.	Rate	Amount	Taxable Value	CGST Rate %	CGST Amount	SGST Rate %	SGST Amount	IGST Rate %	IGST Amount
1	ETP SLUDGE	999432	TON	5.020	2,971.00	14,914.42	14,914.42	9.00	1,342.30	9.00	1,342.30	0.00	0.00
2	Transportation trip	999432	TRIP		0.00	5,031.00	5,031.00	9.00	452.79	9.00	452.79	0.00	0.00
Total :						19,945.42	19,945.42		1,795.09		1,795.09		0.00

Total Invoice Amount in Words:	Total Amount Before Tax :	19,945.42
Twenty Three Thousand Five Hundred Thirty Six Rupees only	Add : CGST :	1,795.09
	Add : SGST :	1,795.09
	Add : IGST :	0.00
	Tax Amount : GST :	3,590.18
	TCS # :	0.00
	Total Amount After Tax :	23,535.60
	Round Off :	23,536

Bank Name, Branch :	AXIS BANK LTD	GST Payable on Reverse Charge :	N/A
Current Account Number :	910020034523209	CGST On Rev. Charges Mechanism :	N/A
IFSC :	UTIB0003026	SGST On Rev. Charges Mechanism :	N/A
Terms and Conditions :			
As per Agreement			
# TCS as applicable w.e.f. 01.10.2020	(Company Seal)		

Remarks:	
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This is a Computer Generated Invoice

Declaration:

Certification & Accreditations

ISO 9001:2015 | ISO 14001:2015 | ISO 45001:2018

NABL Accredited Environmental Laboratory



Corporate Office

Re Sustainability Ltd.

Level 11, Aurobindo Galaxy, Hyderabad Knowledge City,

Hitech City Road, Hyderabad Telangana- 500081, India

SRN NO - 501122887

Do - 4920050227

SRN NO - 100634118

Handwritten signature and date: 28/07/2022



Sustainability

ORIGINAL

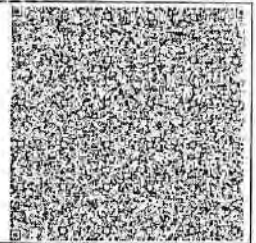
Re Sustainability Limited
(Formerly Known As Ramky Enviro Engineers Ltd)
(Unit-Odisha Waste Management Project)

Plot No-420/648/1, Kalinga Nagar Indu'l Complex Vill- Kanchichuan, Via Sukinda

Jajapur, Odisha, India, 755018 Ph: 7752020330.

Email-ID: financeowmp@ramky.com

CIN: U74140TG1994PLC018833

**TAX INVOICE**

IRN No : 0aeb79237bb9e38ae31091bbc557d1c7ed58987e2b1c14b19ba584c9e7659ea9

IRN Acknowledgement No : 182212797846896

Acknowledgement Date & Time : 31-12-2022/17:58:00

GSTIN : 21AAACR9626A1ZV PAN NO: AAACR9626A	E Way Bill No :
Document No. : 9300058615	Transporter Name :
Invoice Date : 31.12.2022	Transport GSTIN :
GSTIN Invoice No. : OD0020000257	Vehicle Number :
Member ship No : JJKR/OCM-004	GR/LR number :
State: Odisha State Code : 21	E Way Bill Validity : -
Customer Id : 1020424	Place of Supply : N/A
	Vehicle Type : GR/LR Date :

Details of Receiver	Billed To : 1020424	PAN.No: AAACF1999A	Details of	Shipped To : 1020424	PAN.No: AAACF1999A
Name: Ferro Alloys Corporation Limited,	Address: ostapal chromite mines, kaliapani		Name: Ferro Alloys Corporation Limited,	Address: ostapal chromite mines, kaliapani	
Jajpur, 755047 Ph: 9437496038	Odisha, India		Jajpur, 755047 Ph: 9437496038	Odisha, India	
I/UIN : 21AAACF1999A1Z3	TAN No: HYDE01230D		GSTIN/UIN : 21AAACF1999A1Z3	TAN No: HYDE01230D	
State: Odisha	State Code: 21		State: Odisha	State	21

Type of Service	Technical Testing and Analysis	Waste: ETP SLUDGE
Billing Period	December-2022	
PO/WO Number.	BPO3100006979	

SL No	Name of Product/Service	HSN/SAC	UOM	Qty.	Rate	Amount	Taxable Value	CGST Rate %	CGST Amount	SGST Rate %	SGST Amount	IGST Rate %	IGST Amount
1	CA Charges	998346	NOS	1.000	18,500.00	18,500.00	18,500.00	9.00	1,665.00	9.00	1,665.00	0.00	0.00
Total :						18,500.00	18,500.00		1,665.00		1,665.00		0.00

Total Invoice Amount in Words:	Total Amount Before Tax :	18,500.00
Twenty One Thousand Eight Hundred Thirty Rupees only	Add : CGST :	1,665.00
	Add : SGST :	1,665.00
	Add : IGST :	0.00
	Tax Amount : GST :	3,330.00
Quotation No / Date: 8100002710 /	TCS # :	0.00
1 No/ Date : CA-512 / 31.12.2022	Total Amount After Tax :	21,830.00
	Round Off :	21,830

Bank Name, Branch :	AXIS BANK LTD	GST Payable on Reverse Charge :	N/A
Current Account Number :	910020034523209	CGST On Rev. Charges Mechanism :	N/A
IFSC :	UTIB0003026	SGST On Rev. Charges Mechanism :	N/A
Terms and Conditions :			
As per Agreement			
# TCS as applicable w.e.f. 01.10.2020	(Company Seal)	Certified that the particulars Given above are true and correct.	

Remarks: BHF/VO/DEC/2022-23, Dt: 22.12.2022	[E&OE]
This is a Computer Generated Invoice	

Certification & Accreditations

ISO 9001:2015 | ISO 14001:2015 | ISO 45001:2018

NABL Accredited Environmental Laboratory



Corporate Office

Re Sustainability Ltd.

Level 11, Aurobindo Galaxy, Hyderabad Knowledge City,

HITECH City Road, Hyderabad Telangana- 500081, India

SRN NO. - 3011712487

5/5 - 100% rating



Sustainability

7884-2628X

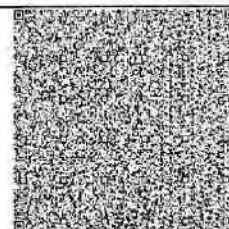
Re Sustainability Limited
(Formerly Known As Ramky Enviro Engineers Ltd)
(Unit-Odisha Waste Management Project)

Plot No-420/648/1, Kalinga Nagar Indu'l Complex Vill- Kanchichuan, Via Sukinda

Jajapur, Odisha, India, 755018 Ph: 7752020330.

Email-ID:financeownp@ramky.com

CIN: U74140TG1994PLC018833



TAX INVOICE

IRN No : 07a0fa2051639bd102c9868088f0a84be00231745df4f43f1d6dfa569b75d279

IRN Acknowledgement No : 182313119607602

Acknowledgement Date & Time : 28-02-2023/11:54:00


GSTIN :	21AAACR9626A1ZV PAN NO: AAACR9626A	E Way Bill No :	
Document No. :	9300064826	Transporter Name :	
Invoice Date :	28.02.2023	Transport GSTIN :	
GSTIN Invoice No. :	OD0020000323	Vehicle Number :	Vehicle Type :
Member ship No :	JJKR/OCM-004	GR/LR number :	GR/LR Date :
State: Odisha	State Code : 21	E Way Bill Validity :-	
Customer Id : 1020424		Place of Supply :	N/A

Details of Receiver			Billed To :1020424			PAN.No:AAACF1999A			Details of			Shipped To :1020424			PAN.No:AAACF1999A								
Name: Ferro Alloys Corporation Limited,									Name: Ferro Alloys Corporation Limited,														
Address: ostapal chromite mines, kaliapani									Address: ostapal chromite mines, kaliapani														
Jajpur,755047 Ph: 9437496038									Jajpur,755047 Ph: 9437496038														
Odisha,India									Odisha,India														
GSTIN/UIN : 21AAACF1999A1Z3						TAN No: HYDE01230D						GSTIN/UIN : 21AAACF1999A1Z3						TAN No: HYDE01230D					
State: Odisha						State Code:			21			State: Odisha						State			21		

	Type of Service	Waste Disposal Charges
	Billing Period	February-2023
	PO/WO Number.	4920060538 DT: 21.02.2023

SL No	Name of Product/Service	HSN/SAC	UOM	Qty.	Rate	Amount	Taxable Value	CGST		SGST		IGST	
								Rate %	Amount	Rate %	Amount	Rate %	Amount
1	ETP SLUDGE	999432	TON	5.150	3,217.00	16,567.55	16,567.55	9.00	1,491.08	9.00	1,491.08	0.00	0.00
2	Transportationtrip	999432	TRIP		0.00	5,400.00	5,400.00	9.00	486.00	9.00	486.00	0.00	0.00
Total :						21,967.55	21,967.55	1,977.08		1,977.08		0.00	

Total Invoice Amount in Words:	Total Amount Before Tax :	21,967.55
Twenty Five Thousand Nine Hundred Twenty Two Rupees only	Add : CGST :	1,977.08
	Add : SGST :	1,977.08
	Add : IGST :	0.00
	Tax Amount : GST :	3,954.16
	TCS # :	0.00
	Total Amount After Tax :	25,921.71
	Round Off :	25,922

Bank Name, Branch :	AXIS BANK LTD	 (Company Seal)	GST Payable on Reverse Charge :	N/A
Current Account Number :	910020034523209		CGST On Rev. Charges Mechanism :	N/A
IFSC :	UTIB0003026		SGST On Rev. Charges Mechanism :	N/A
Terms and Conditions : As per Agreement # TCS as applicable w.e.f. 01.10.2020			Certified that the particulars Given above are true and correct.	

Remarks:

[E&OE]

This is a Computer Generated Invoice

Declaration:

Certification & Accreditations

ISO 9001:2015 | ISO 14001:2015 | ISO 45001:2018

NABL Accredited Environmental Laboratory



Corporate Office

Re Sustainability Ltd.

Level 11, Aurobindo Galaxy, Hyderabad Knowledge City,

Hitech City Road, Hyderabad Telangana- 500081, India



Registered Office :

FERRO ALLOYS CORPORATION LIMITED

Charge Chrome Plant

D.P. Nagar, P.O. Randia, Pin- 756 135

Dist -Bhadrak, Odisha, India

Phone : 06784 - 240272 / 240347 / 240320

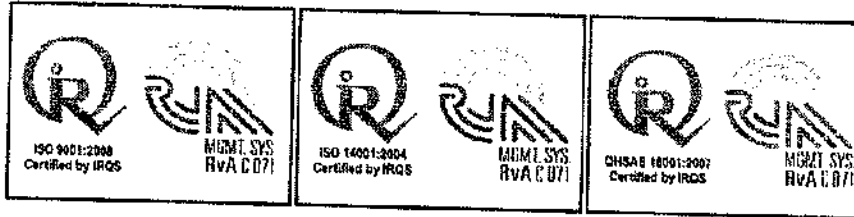
Fax : 06784 - 240626

E-mail : facorccp@facorccp.in / facorccp@gmail.com

facorccp@dataone.in / bls_facorccp@bsnl.in

Website : www.facorgroup.in

CIN No. : L45201OR1955PLC008400



BHF/WO/ 370 /2021-22

Dtd. 25.09.2021

To

M/s. Ramky Enviro Engineers Limited

Odisha Waste Management Project

Site Plot No. 420 / 648 / 1

Vii - Kanchichuan

PO - Mangalpur, Via - Sukinda

Dist - Jajpur - 755018

E-Mail: mbd.owmp@ramky.com, Mob # 9937515392

Sub:- Hazardous Waste Management & Handling Services for Ostapal Chromite Mines.

Ref:- Your Quotation No. OWMP-HzW-RRB-(21-22)-FACOR-OCM-006, Dtd. 19.09.2021.

Sir,

SCOPE OF WORK:

1. Loading of waste at Mines.
2. Services are limited to transportation, treatment, storage & disposal of waste.
3. Mixing of waste is not allowed in one vehicle.
4. Individual manifest along with weighment slip should be provided for each category of waste.
5. All liquid containing waste must be packed and labeled in leak proof containers or drums with mechanical stability to avoid spillage during loading, transportation and unloading.

FEES: (A)

Sl. No.	HZW M&H Systems	ETP Sludge Rate per MT
1	Disposal and Management of Hazardous Waste	2120.00
2	Handling charges	400.00
3	Unloading Charges	350.00
4	Documentation	47.00
5	ESCROW	146.00
	Total :	3063.00
	Less: Discount	92.00
	Hazardous Waste Management Cost :	2971.00

Head Office : Ferro Alloys Corporation Ltd. Shree Ram Bhawan, Tumsar 441912, Dist - Bhandara, Maharashtra, India
Ph: (07183) 233090/232233 Fax : 232271. E-Mail : facorho@facorgroup.in

Corp. Office : Ferro Alloys Corporation Ltd., Facor House, A-45-50, Sector-16, Noida- 201301 (U.P.)
Ph. (0120) 4171000. Fax No.: (0120) 4256790. E-mail : facordelhi@facorgroup.in



Registered Office :

FERRO ALLOYS CORPORATION LIMITED

Charge Chrome Plant

D.P. Nagar, P.O. Randia, Pin- 756 135

Dist.- Bhadrak, Odisha, India

Phone : 06784 - 240272 / 240347 / 240320

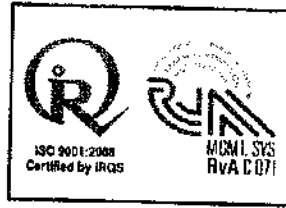
Fax : 06784 - 240626

E-mail : facorccp@facorccp.in / facorccp@gmail.com

facorccp@dataone.in / bls_facorccp@bsnl.in

Website : www.facorgroup.in

CIN No. : L45201OR1955PLC008400



Contd., Page // 2 //

// 2 //

(B)

Transportation Cost (To & Fro)	UOM	Distance (in KM)	Index	Amount per Trip (Rs.)
Six Wheeler Vehicles. Approx 10 MT capacity.	Trip	80	6.5	5031.00

PAYMENT TERMS :

1. Payment to be made upon receipt of yours bill duly certified by our Mines Manager.
2. The charges are subject to revision on the basis of Govt. of India wholesale price index and including but not limited to every event of escalation of fuel costs, power tariff, change in disposal technologies and/or method wage hike and others.

PERIOD : 1 (One) year from the date of issue of the Work Order.

OTHER TERMS & CONDITIONS:

1. Payment of bill(s) shall be made after deduction of Income Tax, as per the provisions of Income Tax Act and Rules thereon, but in case your establishment is exempted from TDS, please send certificates obtain from Income Tax Department for non-deduction.
2. Goods & Service Tax payable as per the Finance Act shall be reimbursed to you on submission of bills subject to bills reflecting on the GST portal to enable FACOR receive Input Credit. Should you fail to enter the particulars of bills on the GST portal, which results in FACOR not receiving the benefit of input credit then FACOR shall not reimburse the GST claim put forth to it.
3. 5% ESCROW deposit will be charged on landfill and landfill after treatment waste over and above the disposal charges as may become applicable from time to time as per MOEF notification.
4. Toll Tax will be charged as per actual per trip, Documentary proof shall be furnished only once and not for every trip.

PENALTY & RISK :

1. The work shall be carried out strictly as per the Work Order. In case of any loss(es) due to negligence by your acts or omission you shall be responsible for such loss(es) and damages.

Head Office : Ferro Alloys Corporation Ltd., Shreeram Bhawan, Tumsar 441912, Dist.- Bhandara, Maharashtra, India
Ph: (07183) 233090/232233, Fax : 232271, E-Mail : facorho@facorgroup.in

Corp. Office : Ferro Alloys Corporation Ltd., Facor House, A-45-50, Sector-18, Noida- 201301 (U.P.)
Ph: (0120) 4171000, Fax No: (0120) 4256700, E-mail : facordehi@facorgroup.in



Registered Office :

FERRO ALLOYS CORPORATION LIMITED

Charge Chrome Plant

D.P. Nagar, P.O. Randia, Pin- 756 135

Dist.- Bhadrak, Odisha, India

Phone : 06784 - 240272 / 240347 / 240320

Fax : 06784 - 240626

E-mail : facorccp@facorccp.in / facorccp@gmail.com

facorccp@dataone.in / bls_facorccp@bsnl.in

Website : www.facorgroup.in

CIN No. : L45201OR1955PLC008400



2. You shall work under instructions of Mines Manager and his authorized staff. Violations of this by you shall be deemed as a breach of contract terms and we at our liberty may terminate the work order partly or wholly without any notice or any compensation to you.

// 3 //

Contd., Page // 3 //


JURISDICTION:

All disputes arising out of or in any way connected to this Work Order shall be deemed to have arisen in "BHADRAK" and only the courts at BHADRAK in Odisha shall have the exclusive jurisdiction to determine the same.

Please return the duplicate copy of this Work Order duly signed by you as a token of your acceptance.


Golekha Bal
Manager (Purchase)


Pranab Patra
ICCO


Sukanta Biswal
Unit CFO

Head Office : Ferro Alloys Corporation Ltd., Shree Ram Bhawan, Turnear 441912, Dist - Bhandara, Maharashtra, India
Ph.: (07183) 233090/232233, Fax : 232271, E-Mail : facorro@facorgroup.in

Corp. Office : Ferro Alloys Corporation Ltd., Facor House, A-45-50, Sector-10, Noida- 201301 (U.P.)
Ph.: (0120) 4171000 Fax No.: (0120) 4266700, E-mail : facorabhi@facorgroup.in

PURCHASE ORDER

Page : 1 of 97

PO Number : 1008 / 4920056257
PO Date : 25.07.2022

Vendor Code : 734633
Vendor Name : RE SUSTAINABILITY LIMITED

Vendor Address : PLOT NO-N3/135, IRC VILLAGE
NAYAPALLI, BHUBANESWAR,
Khordha, Odisha, 751015 - Orissa, 751015
India.

Your Reference : RE Sustainability Ltd OCM-06&KCM07

Our Reference : ** BHF370/21-22

PO Currency : Indian Rupee

PO Validity : 01.11.2021 To 31.10.2022
Delivery Place/ : MINE - KALARANGIATTA
GSTN No.

DELIVERY DATE: SEE BELOW
WE RESERVE THE RIGHT TO
REJECT THE MATERIAL SUPPLIED
15 DAYS IN ADVANCE OF
DELIVERY DATE SPECIFIED IN
THIS PURCHASE ORDER

I) PO CONFIRMATION/ACKNOWLEDGEMENT:

You shall receive an email confirmation after release of each Purchase Order from our end. Email will provide you a link, from which you can log into SRM portal and view and/or download the PO. For downloading or saving the PO, please click on "PRINT" option. Immediately after receipt of PO, you have to provide "CONFIRMATION" to all items. Alternately, you may directly log into your account in SRM portal through our official website <https://sesagoaironore.com/procurement/vendor-e-portal/> and provide "CONFIRMATIONS". In case no confirmation is received from you within 2 days of receipt of PO, then PO shall be deemed accepted to you. However, without giving "CONFIRMATION", ASN as follows, cannot be created, and it has to be done without exception.

Confirmations, acknowledgement and ASN shall not be applicable for Service line items of the PO

II) PRE-DELIVERY CONDITION:

1) At the time of dispatch of material. You have to log into SRM system, open "Create ASN" tab and enter dispatch details, like DC No., DC date, Vehicle No., Quantity, LR No. & LR Date against each proposed delivery item, and saved, when system will generate a unique no. This is called as Advance Shipping Notice (ASN), and same has to be imprinted on every Invoice.

ASN shall not be applicable for Service POs

PURCHASE ORDER CONTINUATION

PO NO : 4920056257

Page : 2 of 97

2) In our endeavor to support and save environment, we have gone paperless w. e. f. 15.09.2016, for which we have introduced Vendor Invoice Management system (VIM). For this you have to scan and post the Invoice from now onwards on the designated e-mail Id, Invoice.sesa@vedanta.co.in; clearly indicating PO No. and ASN no as above; without which payment processing shall not take place, or may get delayed.

3) Following guidelines to be strictly followed for posting of Invoices in VIM:

a) All Invoices should be uploaded in PDF format only; any other format is not recognized by the system and shall automatically become null and void. Please note.

b) Strictly One Invoice per PO to be posted and no two or more PO nos. to be combined under the same Invoice.

c) Strictly One Invoice to be attached and posted per e-mail, and not more than one, else such multiple Invoice mail/s will become null and void automatically.

d) Create a new field in your Invoicing system for entering "ASN NO" by printing, and which please do not write manually.

e) Hand written Invoices shall not be acceptable, hereinafter, and all such Invoice mail/s will become null and void automatically.

f) Use very simple Font like "Times Roman", or "Arial" for printing the Invoices.

g) On the Invoice, in one column/box please update only one field, and do not mix with any other field, e.g. PO and PO date should be updated in separate fields.

Similarly update Invoice No.; Invoice date; DC No. ASN no etc. and all in independent fields.

h) All Invoices will have to be digitally signed, w.e.f. 03.10.2016 and for which you will have to get your digital signature done urgently. Invoices without digital signature may not be acceptable from 03.10.2016.

i) Requested not to send any other document/s, other than Invoice and relevant docs like copy of LR, DC etc. on this id Invoice.sesa@vedanta.co.in, else system may block sender's ID.

4) Copy of Delivery challan / Invoice, warranty/guarantee certificate may please be sent with the consignment only, but strictly do not send any documents to purchase / commercial dept, except Bank Guarantees.

5) Vendors shall prepare the DFT with Delivery Plant address and not on Head Office address and strictly dispatch / submit the excise invoices (DFT) along with material, so that we can avail CENVAT benefit without any problems. Once digital signatures are in place, no hard copy may be required, to be submitted.

6) In case if the above details are not provided on the portal, system shall throw errors for want of the same and unloading may be delayed, and payment processing may not be possible. Also ASN is required for evaluating vendor's performance, and non-compliance shall lead to negative score & thus you stand to lose points in the vendor rating. In case of repetitive default in filling ASN, or complying with any

PURCHASE ORDER CONTINUATION

PO NO : 4920056257

Page : 3 of 97

other details, as above; we reserve the right to reject the material.

III) You shall also receive regular mails confirming acceptance of material in stores and Invoice posting, from which you can view the details appropriately.

Requested to follow the above procedures and co-operate for proper functioning of SRM and VIM systems and for smooth processing of Bills, from now onwards.

Please supply the under mentioned materials / services subject to the prices, terms and conditions mentioned below, "General Terms and Conditions" and "Applicable Standard terms and conditions":

Sr.	Item code	Plant	UOM	Req. Qty	Rate	Value
No.Specification						
1	Disposal of ETP Sludge Ostapal Mine 9990001420	OSMI	AU	1.000	190,877.38	190,877.38
1	ETP operation and Maintenance		LS	1.000	190,877.38	190,877.38
HSN/SAC Code :				IN : Central GST(9.00%)		17,178.96
				IN : State GST(9.00%)		17,178.96
Line no	A/c code	Buss.Area	Cost center	Internal Order	WBS Element	Network no
01	211011	FA15	OS42000F			Asset id
Delivery Place :Ferro Alloys Corporation Limited						
OSTAPAL						
OSTAPAL , KALIAPANI JAJPUR						
Orissa ,India -755028						
2	Disp. of ETP Sludge Kalarangiatta Mine 9990001420	KRMI	AU	1.000	115,586.67	115,586.67
1	ETP operation and Maintenance		LS	1.000	115,586.67	115,586.67
HSN/SAC Code :				IN : Central GST(9.00%)		10,402.80
				IN : State GST(9.00%)		10,402.80
Line no	A/c code	Buss.Area	Cost center	Internal Order	WBS Element	Network no
01	211011	FA15	KR42000F			Asset id
Delivery Place :Ferro Alloys Corporation Limited						

GSTIN: 21AAACF1999A1Z3

PURCHASE ORDER

Page : 1 of 97

PO Number : 4920060538
PO Date : 21.02.2023

Vendor Code : 734633
Vendor Name : RE SUSTAINABILITY LIMITED

Vendor Address : PLOT NO-N3/135, IRC VILLAGE
NAYAPALLI, BHUBANESWAR,
Khordha, Odisha, 751015 - Orissa, 751015
India.

Your Reference : Rashmi ranjan Behera 8100002710

Our Reference : 7008344485 ws3780213320

PO Currency : Indian Rupee

PO Validity : 23.02.2023 To 31.03.2024
Delivery Place/ : ENG.STR - OSTAPAL
Billing Address : OSTAPAL/KALIAPANI JAJPUR Orissa 755047 India

DELIVERY DATE: SEE BELOW
WE RESERVE THE RIGHT TO
REJECT THE MATERIAL SUPPLIED
15 DAYS IN ADVANCE OF
DELIVERY DATE SPECIFIED IN
THIS PURCHASE ORDER

I) PO CONFIRMATION/ACKNOWLEDGEMENT:

You shall receive an email confirmation after release of each Purchase Order from our end. Email will provide you a link, from which you can log into SRM portal and view and/or download the PO. For downloading or saving the PO, please click on "PRINT" option. Immediately after receipt of PO, you have to provide "CONFIRMATION" to all items. Alternately, you may directly log into your account in SRM portal through our official website <https://sesagoaironore.com/procurement/vendor-e-portal/> and provide "CONFIRMATIONS". In case no confirmation is received from you within 2 days of receipt of PO, then PO shall be deemed accepted to you. However, without giving "CONFIRMATION", ASN as follows, cannot be created, and it has to be done without exception.

Confirmations, acknowledgement and ASN shall not be applicable for Service line items of the PO

II) PRE-DELIVERY CONDITION:

1) At the time of dispatch of material. You have to log into SRM system, open "Create ASN" tab and enter dispatch details, like DC No., DC date, Vehicle No., Quantity, LR No. & LR Date against each proposed delivery item, and saved, when system will generate a unique no. This is called as Advance Shipping Notice (ASN), and same has to be imprinted on every Invoice.

ASN shall not be applicable for Service POs

PURCHASE ORDER CONTINUATION

PO NO : 4920060538

Page : 2 of 97

- 2) In our endeavor to support and save environment, we have gone paperless w. e. f. 15.09.2016, for which we have introduced Vendor Invoice Management system (VIM). For this you have to scan and post the Invoice from now onwards on the designated e-mail Id, Invoice.sesa@vedanta.co.in; clearly indicating PO No. and ASN no as above; without which payment processing shall not take place, or may get delayed.
- 3) Following guidelines to be strictly followed for posting of Invoices in VIM:
- a) All Invoices should be uploaded in PDF format only; any other format is not recognized by the system and shall automatically become null and void. Please note.
 - b) Strictly One Invoice per PO to be posted and no two or more PO nos. to be combined under the same Invoice.
 - c) Strictly One Invoice to be attached and posted per e-mail, and not more than one, else such multiple Invoice mail/s will become null and void automatically.
 - d) Create a new field in your Invoicing system for entering "ASN NO" by printing, and which please do not write manually.
 - e) Hand written Invoices shall not be acceptable, hereinafter, and all such Invoice mail/s will become null and void automatically.
 - f) Use very simple Font like "Times Roman", or "Arial" for printing the Invoices.
 - g) On the Invoice, in one column/box please update only one field, and do not mix with any other field, e.g. PO and PO date should be updated in separate fields. Similarly update Invoice No.; Invoice date; DC No. ASN no etc. and all in independent fields.
 - h) All Invoices will have to be digitally signed, w.e.f. 03.10.2016 and for which you will have to get your digital signature done urgently. Invoices without digital signature may not be acceptable from 03.10.2016.
 - i) Requested not to send any other document/s, other than Invoice and relevant docs like copy of LR, DC etc. on this id Invoice.sesa@vedanta.co.in, else system may block sender's ID.
- 4) Copy of Delivery challan / Invoice, warranty/guarantee certificate may please be sent with the consignment only, but strictly do not send any documents to purchase / commercial dept, except Bank Guarantees.
- 5) Vendors shall prepare the DFT with Delivery Plant address and not on Head Office address and strictly dispatch / submit the excise invoices (DFT) along with material, so that we can avail CENVAT benefit without any problems. Once digital signatures are in place, no hard copy may be required, to be submitted.
- 6) In case if the above details are not provided on the portal, system shall throw errors for want of the same and unloading may be delayed, and payment processing may not be possible. Also ASN is required for evaluating vendor's performance, and non-compliance shall lead to negative score & thus you stand to lose points in the vendor rating. In case of repetitive default in filling ASN, or complying with any

PURCHASE ORDER CONTINUATION

PO NO : 4920060538

Page : 3 of 97

other details, as above; we reserve the right to reject the material.

III) You shall also receive regular mails confirming acceptance of material in stores and Invoice posting, from which you can view the details appropriately.

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Please supply the under mentioned materials / services subject to the prices, terms and conditions mentioned below, "General Terms and Conditions" and "Applicable Standard terms and conditions":

Sr.	Item code	Plant	UOM	Req. Qty	Rate	Value
No.Specification						
1	ETP SLUDGE ANALYSIS AND DISPOSAL 9990001420	OSES	AU	1.000	562,522.00	562,522.00
1	ETP operation and Maintenance Hazardous waste (ETP Sludge) disposal from Both Mines as per statutory requirement FY 2022-23 (From 26.09.2022 to 31.03.2023) Scope of work: Ostapal Mine: Disposal upto 75 MT		LS	1.000	281,261.00	281,261.00
<p>Vendor has to follow the Statutory Norm of SPCB & all HSE standard of Vedanta during Disposal.</p> <p>Vedor has to allow the FACOR team to Audit their site 2 time in a year.</p> <p>PAYMENT TERMS: WITHIN 30 DAYS</p> <p>COMPLETION PERIOD: Report will be submitted within 15 Working Days from the collection</p> <p>LD CLAUSE: LD will be applicable .5% per week subject to 5% maximum beyond delivery time mentioned in PO.</p>						

**EXPENSES TOWARDS ENVIRONMENT MONITORING BY NABL LABORATORY FY 2022-23
OSTAPAL CHROMITE MINE, M/S FACOR LTD**

Period	Work Order No.	Invoice No,	Expenses for Diff. Monitoirng in (Rs)					
			Air Monitoring	Water Monitoring	Noise	Soil	Used Oil	Total in Rs
April'22 to Jun' 22	VC SPL/05/11/2021, Dt 10.5.2021	VC SPL22-23/257	237600.00	0.00	0.00	0.00	0.00	237600.00
July '22 to Sept'22	4920056651, Dated 16.8.2022	VC SPL22-23/945	317351.40	25213.02	2082.21	4698.20	12186.00	361530.83
Oct'22 to Dec'22	4920056651, Dated 16.8.2022	VC SPL22-23/946	317351.40	25213.02	2082.21	4698.20	0.00	349344.83
Jan'23 to Mar'23	4920056651, Dated 16.8.2022	VC SPL23-24/62	296306.64	25449.91	2082.21	4698.20	0.00	328536.96
Total Amount			1168609.44	75875.95	6246.63	14094.60	12186.00	1277012.62

NB: - Details of Evidence are enclosed.

Dtd:20.05.2021

M/s. Visiontek Consultancy Services Pvt. Ltd
Plot No.M-22 & 23, Chandaka Industrial Estate
Pati
Bhubaneswar 751 024

Dear Sirs,

Sub: Regular environmental Monitoring work in respect of Ostapal Chromite Mines
Ref: Your Offer No. VCSPL/05/11/2021 dt.10.05.2021

With reference to the above and subsequent discussions, we are pleased to award this Work Order for monitoring of various Environmental parameters for taking up the job as per the updated statutory, provisions of Environment Act, Rules, Guidelines of MoEF, SPCB, IBM & any other statutory organization condition laid down by the Ministry of Environment & Forest, New Delhi, while giving environmental clearance for the project should also be taken into consideration under the following terms and conditions:

DESCRIPTION OF THE WORK :

Sl. No.	Item	Standards	Parameters/ Characteristics	Frequency of Monitoring	No of Location	No of sample for 1 (One) Year	Rate/ Sample in Rs	Total Amount in Rs.
1	2	3	4	5	6	7	8	9
1	Soil Testing	IS :2720	Ni, Co, As, Hg	Qtrly.	4	16	1100.00	17600.00
2	Dust fall	Total Dust fall measurement	Ni, Co, As, Hg	Qtrly.	1	4	1101.00	4404.00
3	Ground Water Level	Water level measurement	Depth of water table from collar level	Qtrly.	9	36	60.00	2160.00
4	Ground Water Quality	IS: 10500: 2012	All parameters as per Indian Standards and WHO Guidelines.	Qtrly.	9	36	1500.00	54000.00
5	Measurement of Ground water quality	Hexavalent Chromium	Cr+6	Qtrly.	9	36	250.00	9000.00
6	Effluent Water Analysis	Standards as per OSPCB & Environment Protection Rules-1986	34 parameters as per OSPCB & Environment Clearance	Qtrly.	1	4	1500.00	6000.00
7	Air Quality (Core Zone)	NAAQ,2009	12 Parameters	Twice a weekly	4	416	2200.00	915200.00
8	Air Quality (Buffer Zone)	NAAQ,2009	12 Parameters	Monthly Twice	4	96	2200.00	211200.00

9	Noise Level	Noise pollution (Regulation & Control) Rules-2000	•Measured Noise Level	Qtrly.	3	12	150.00	1800.00
10	Fugitive dust Emission	Suspended Particulate	PM10PM2.5	Qtrly.	3	12	1200.00	14400.00
TOTAL RS :								12,35,764.00

2.0.SCOPE OF THE WORK :

Environmental Monitoring work and generation of various parameters & preparation of reports thereof, as per the guidelines of Ministry of Environment, Forest and Climate Change (MOEFCC) Govt. of India and Odisha State Pollution Control Board (OSPCB), Bhubaneswar under Environment Protection Act- 1986.

The assigned job shall be undertaken as per recent/amended guidelines issued by MoEF, SPCB, CPCB, IBM or any other statutory body. Guidelines amended from time to time shall also be observed by the consultant in all respect. Number of stations for each item and required number of parameters, frequency of data collection etc. are to be as per the guidelines/amended by statutory authorities from time to time

2.1 You will assist /guide us for coordinating at State Pollution Control Board as well as MoEF, Bhubaneswar /New Delhi .

2.2 Generation of data in each of the monitoring items should confirm the directives issued by any of the Govt. agencies from time to time and in all respect and Rules, Regulations, Acts & Notifications should be strictly followed.

2.3 Assist in preparation of Statutory returns to any authority in connection with environmental issue of the project .

2.4 Environmental monitoring data generated as per schedule should be submitted to Mines Manager, Ostapal Chromite Mines in 5copies. Additionally one copy of the same has to be sent to HEAD GEOLOGY.

2.5 At the end of 4th season, a yearly report incorporating 4 season data has to be compiled and submitted to all concern as per para 2.4 above .

3.0 OBLIGATION OF THE CONSULTANT/AGENCY:

- 3.1 Generate the Monitoring data of all parameters satisfying the statutory requirement, assist/ guide infilling up the applications in related to environmental issues.
- 3.2 Keep in touch with Mines Manager & Manager (Geology) of Ostapal Chromite Mines, report in regular progress from time to time. Any help required by you from the company's end should be sought without hesitation & confusion.
- 3.3 Seasonal & Yearly report are to be submitted both in form of soft (scanned copy of original report in PDF format) and hard copies (Ref. Para 2.5)
- 3.4 The consultant shall be available at the site during the visit of SPCB/MoEF officials/ any other regulatory authority to the site and give clarification to their enquiry, if any related to this assignment

4.0 OBLIGATION OF THE COMPANY:

- 4.1 Power shall be provided at Ambient Air Quality generating station subject to availability.
- 4.2 Space will be provided at Mines for safe keeping of instruments.
- 4.3 Lodging and feeding facility to the technicians will be provided during the time of collecting samples from the mines.

5.0 CONTRACT PERIOD :

The period of this Work Order shall be from 01.06.2021 to 31.05.2022 which may be extended on satisfactory performance and service at the sole discretion of the company on the same rate and terms & conditions.

6.0 TERMS OF PAYMENT:

- 6.1 Submission of bills (Quarterly) in triplicate duly certified by Mines Manager of Ostapal Chromite Mines along with report.
- 6.2 20% of the yearly work value each in 4 season (thus 80% of the work value) shall be paid after getting the seasonal report at end of the every season .
- 6.3 Balance 20% of the yearly work value shall be paid after getting the final (yearly) document .

7.0 SPECIFIC TERMS & CONDITIONS:

- 7.1 You shall bring all of your Instruments, Tools, and Tackles Chemicals, Consumables, required accessories and manpower required for the above monitoring. The Instruments, Chemicals, Consumables, accessories etc. shall be well maintained and in proper condition.
- 7.3 You shall carryout Environment Monitoring & collect samples in consultation with the Environment Department of M/s. Facer Ltd.
- 7.6 You shall start the environmental monitoring by 01.06.2021.
- 7.7 You shall submit the environmental monitoring reports within 14 days from the date of sampling. The working hour for collecting samples and other activities shall be from 08:00 AM to 05:00 PM.
- 7.8 A copy of valid Driving License, RC book, pollution certificate and other related documents related to your vehicle shall be submitted by you at our company main gate for entry purpose. Copy of recognition/empanelment of your laboratory by OSPCB/MOEF shall be submitted by you within 7 days of receipt of this work order. Calibration certificate of the related instruments shall be submitted from time to time.
- 7.9 Manpower deployed by you should obtain gate pass for entry and exit.
- 7.10 You shall follow all safety norms & use appropriate PPE's for the above purpose.
- 7.11 Safety & Security of the instrument shall be in your scope

8.0 DIRECT CMPL.PYER:

You shall not engage children, aged, disabled or handicapped contract workmen. You have to submit the medical fitness certificate of all your workmen to P & A Dept.

9.0 SUB-CONTRACT:

You shall not engage any sub contractor/agency for executing the work under the scope without written approval of M/s FACOR Ltd and you shall be responsible for fulfilling all their obligations stipulated in the contract.

10.0 SUPERVISION :

10.1 The contract shall provide full time proper and adequate supervision over all the contract workmen engaged for the works carried out under the scope of agency.

10.2 It is the responsibility of the contractor/agency to ensure that the contract workmen engaged by him comply with all the rules and regulations in vogue at the Mines, follow the discipline & decorum, working hours. Shift timings and safety practices as stipulated from time to time, by M/S FACOR, and are liable for search and frisking at the entry gate.

10.3 It shall be the responsibility of the contractor/agency to ensure safety & safe working of his contract workmen and for safety of M/S FACOR equipment and property and that of the 3rd party within the mines premises. Contractor/agency shall at his cost provide all the necessary safety gear/appliances to all contract workmen engaged by him for executing the work under his scope.

11.0 PENALTY /CANCELLATION/TERMINATION :

In the event of late completion, M/S FACOR reserves the right to impose penalty @1% per week of delay subject to maximum of 7 DAYS of the left over value of the work order /Contract. In case of unsatisfactory progress of the assigned job the work order may be cancelled without any prior notice.

12.0 SAFETY :

12.1 The contractor/agency shall take all safety precautions & provide adequate supervision by competent person in order to do the job safely and without damage to the equipment.

12.2 The contractor/agency shall supply safety appliances like shoes, helmet and other safety gears as applicable for the Job to his workers depending on working condition as advised by the concerned department. The Contractor/agency shall ensure the safety of his worker for which he only shall be responsible.

12.3 The contractor/agency shall fully be responsible for accidents caused due to his or his agents or workmen's negligence or carelessness in regard to the observance of the safety requirement and shall be liable to pay compensation for injuries.

13.0 OTHER TERMS AND CONDITIONS :

13.1 Payments of bills (Quarterly) shall be made after deduction of Income Tax as per the provisions of Income Tax act and Rules thereof. In case your establishment is exempted from TDS , please furnish the Certificate obtained from the Income Tax Department for non-deduction.

13.2 GST (Goods & Service Tax) and other levies payable as per the Finance Act., shall be reimbursed on submission of bills.

13.3 In case of dispute (s) arising out of this work order, the decision of the HEAD GEOLOGY of our company shall be final and binding on you

13.4 All disputes arising out of or in any way connected to this work order shall be deemed to have been arisen in "Bhadrak" and only the courts at Bhadrak in Odisha shall have the exclusive jurisdiction to determine the same.

Please return the duplicate copy of this work order duly signed by you as a token of your acceptance.

Thanking you,

Yours faithfully,
for Ferro Alloys Corporation Ltd.

P Lakshmanan
CCO

Sukanta Biswal
Unit CFO

PURCHASE ORDER

Page : 1 of 96

PO Number : 4920056651
PO Date : 16.08.2022

Vendor Code : 733567
Vendor Name : VISIONTEK CONSULTANCY SERVICES PVT. LTD

Vendor Address : M 22,23, Chandaka Industrial Estate,
PATIA, BHUBANESWAR
Khordha - Orissa,751024
India.

Your Reference : Visiotek Consultancy Services VCSPL/GA/07/

Our Reference : ** 3100006238

PO Currency : Indian Rupee

PO Validity : 01.06.2022 To 31.05.2023
Delivery Place/ : OSTAPAL
Billing Address : KALIAPANI JAJPUR Orissa 755028 India

DELIVERY DATE: SEE BELOW
WE RESERVE THE RIGHT TO
REJECT THE MATERIAL SUPPLIED
15 DAYS IN ADVANCE OF
DELIVERY DATE SPECIFIED IN
THIS PURCHASE ORDER

I) PO CONFIRMATION/ACKNOWLEDGEMENT:

You shall receive an email confirmation after release of each Purchase Order from our end. Email will provide you a link, from which you can log into SRM portal and view and/or download the PO. For downloading or saving the PO, please click on "PRINT" option. Immediately after receipt of PO, you have to provide "CONFIRMATION" to all items. Alternately, you may directly log into your account in SRM portal through our official website <https://sesagoaironore.com/procurement/vendor-e-portal/> and provide "CONFIRMATIONS". In case no confirmation is received from you within 2 days of receipt of PO, then PO shall be deemed accepted to you. However, without giving "CONFIRMATION", ASN as follows, cannot be created, and it has to be done without exception.

Confirmations, acknowledgement and ASN shall not be applicable for Service line items of the PO

II) PRE-DELIVERY CONDITION:

1) At the time of dispatch of material. You have to log into SRM system, open "Create ASN" tab and enter dispatch details, like DC No., DC date, Vehicle No., Quantity, LR No. & LR Date against each proposed delivery item, and saved, when system will generate a unique no. This is called as Advance Shipping Notice (ASN), and same has to be imprinted on every Invoice.

ASN shall not be applicable for Service POs

PURCHASE ORDER CONTINUATION

PO NO : 4920056651

Page : 2 of 96

2) In our endeavor to support and save environment, we have gone paperless w. e. f. 15.09.2016, for which we have introduced Vendor Invoice Management system (VIM). For this you have to scan and post the Invoice from now onwards on the designated e-mail Id, Invoice.sesa@vedanta.co.in; clearly indicating PO No. and ASN no as above; without which payment processing shall not take place, or may get delayed.

3) Following guidelines to be strictly followed for posting of Invoices in VIM:

a) All Invoices should be uploaded in PDF format only; any other format is not recognized by the system and shall automatically become null and void. Please note.

b) Strictly One Invoice per PO to be posted and no two or more PO nos. to be combined under the same Invoice.

c) Strictly One Invoice to be attached and posted per e-mail, and not more than one, else such multiple Invoice mail/s will become null and void automatically.

d) Create a new field in your Invoicing system for entering "ASN NO" by printing, and which please do not write manually.

e) Hand written Invoices shall not be acceptable, hereinafter, and all such Invoice mail/s will become null and void automatically.

f) Use very simple Font like "Times Roman", or "Arial" for printing the Invoices.

g) On the Invoice, in one column/box please update only one field, and do not mix with any other field, e.g. PO and PO date should be updated in separate fields.

Similarly update Invoice No.; Invoice date; DC No. ASN no etc. and all in independent fields.

h) All Invoices will have to be digitally signed, w.e.f. 03.10.2016 and for which you will have to get your digital signature done urgently. Invoices without digital signature may not be acceptable from 03.10.2016.

i) Requested not to send any other document/s, other than Invoice and relevant docs like copy of LR, DC etc. on this id Invoice.sesa@vedanta.co.in, else system may block sender's ID.

4) Copy of Delivery challan / Invoice, warranty/guarantee certificate may please be sent with the consignment only, but strictly do not send any documents to purchase / commercial dept, except Bank Guarantees.

5) Vendors shall prepare the DFT with Delivery Plant address and not on Head Office address and strictly dispatch / submit the excise invoices (DFT) along with material, so that we can avail CENVAT benefit without any problems. Once digital signatures are in place, no hard copy may be required, to be submitted.

6) In case if the above details are not provided on the portal, system shall throw errors for want of the same and unloading may be delayed, and payment processing may not be possible. Also ASN is required for evaluating vendor's performance, and non-compliance shall lead to negative score & thus you stand to lose points in the vendor rating. In case of repetitive default in filling ASN, or complying with any

PURCHASE ORDER CONTINUATION

PO NO : 4920056651

Page : 3 of 96

other details, as above; we reserve the right to reject the material.

III) You shall also receive regular mails confirming acceptance of material in stores and Invoice posting, from which you can view the details appropriately.

Requested to follow the above procedures and co-operate for proper functioning of SRM and VIM systems and for smooth processing of Bills, from now onwards.

Please supply the under mentioned materials / services subject to the prices, terms and conditions mentioned below, "General Terms and Conditions" and "Applicable Standard terms and conditions":

Sr.	Item code	Plant	UOM	Req. Qty	Rate	Value
No.Specification						
1	Environment Monitoring of OSMI Both Mine 9912050033	AU		1.000	2,750,000.00	2,750,000.00
1	ENVIRONMENTAL CONSULTANCY SERVICES FOR OBTAINING PERMISSION UNDER CRZ RULES 9912050033	LS		1.000	1,375,000.00	1,375,000.00
2	ENVIRONMENTAL CONSULTANCY SERVICES FOR OBTAINING PERMISSION UNDER CRZ RULES	LS		1.000	1,375,000.00	1,375,000.00
HSN/SAC Code :				IN : Central GST(9.00%)		247,500.00
				IN : State GST(9.00%)		247,500.00
Line no	A/c code	Buss.Area	Cost center	Internal Order	WBS Element	Network no
01	215009	FA28	OS18000F			Asset id
02	215009	FA28	KR18000F			
Total PO Value						3,245,000.00

Price basis : ATS - At Site
Ostapal & Kalarangiatta Mine

Insurance :

Shipping Instruction :

Payment mode : Demand Draft

Payment terms : 30 Days Credit
30 Days

1) In our endeavor to support and save environment, we have now gone paperless; for which we have introduced Vendor Invoice Management system (VIM). For this you have to scan and post the Invoice from now onwards on the designated e-mail Id,



Visiontek Consultancy Services Private Limited

(An Enviro Engineering Consulting Cell)



ISO 9001 2008

CIN NO: U24117OR1993PTC003370

GSTIN: 21AABCV8957D1ZC

PAN No :AABCV8957D

TAX INVOICE

ORIGINAL for Receipt

INVOICE TO (RECEIVER)

Name : M/s FERRO ALLOYS CORPORATION LIMITED

Address : At/Po: Laxmi Bhawan, Kuans, Dist - Bhadrak - 756100

GST No. : 21AAACF1999A1Z3

State : Odisha

State Code : 21

Invoice No. :

VCSPL22-23/257

Date of Issue :

25/07/2022

Place of Supply :

Odisha

State :

Odisha

State Code :

21

Transportation Mode :

N/A

Vehicle No. :

N/A

Reverse Charge :

No

DELIVER TO (CONSIGNEE)

Name : M/s FERRO ALLOYS CORPORATION LIMITED

Address : At/Po: Laxmi Bhawan, Kuans, Dist - Bhadrak - 756100

GST No. : 21AAACF1999A1Z3

State : Odisha

State Code : 21

Offer No - VCSPL/05/11/2021, dt.10/05/2021.

SL. N O.	Description of Product	HSN / SAC Code	UoM	Qty	Rate (Rs)	Taxable Amt (Rs)	CGST Rate (%)	Amt (Rs)	SGST Rate (%)	Amt (Rs)	IGST Rate (%)	Amt (Rs)	Total (Rs)
Regular environmental monitoring work of OSTAPAL Chromite mines. for the month from Apr'22 to May'22.													
1	Air Quality (Core Zone)	998346		96	2,200.00	2,11,200.00	9%	19,008.00	9%	19,008.00			2,49,216.00
2	Air Quality (Buffer Zone)	998346		12	2,200.00	26,400.00	9%	2,376.00	9%	2,376.00			31,152.00
Total :						2,37,600.00		21,384.00		21,384.00			2,80,368.00

Total Invoice Amount in Word: Rupees two lakh eighty thousand three hundred sixty eight only.

Total Taxable Amount Rs 2,37,600.00

Total GST Rs 42,768.00

Bank Details : Visiontek Consultancy Services Pvt. Ltd

Bank Name: State Bank of India Current Account No: 30320141412

Branch Name : IRC Village, Nayapalli IFSC Code : SBIN0007045

Invoice Total Rs 2,80,368.00

Round Off 2,80,368.00

GST Payable on Reverse Charge Rs -

Terms & Conditions :

Certified that the particulars given above are true and correct.

For Visiontek Consultancy Services Pvt. Ltd.



SRN No: - 5011332856

Bill may be
released

Original 20/9/2022
(S.K. Mishra)

Chkws
20/09/22
Head - Tech Serv

Plot No-M 22 23, Chandaka Industrial Estate, Patia, Bhubaneswar-751024,
Email : visiontekin@gmail.com, Tel. : 0674-3511721, Visit us at : www.vcspl.org



Visiontek Consultancy Services Private Limited

(An Enviro Engineering Consulting Cell)



ISO 9001 : 2008

CIN NO: U24117OR1993PTC003370

GSTIN: 21AABCV8957D1ZC

PAN No : AABCV8957D

TAX INVOICE

ORIGINAL for Receipt

INVOICE TO (RECEIVER)

Name : M/s FERRO ALLOYS CORPORATION LIMITED

Address : Kaliapani, Jajpur - 755028

GST No. : 21AAACF1999A1Z3
State : Odisha
State Code : 21

Invoice No. : VCSPL22-23/945

Date of Issue : 25/02/2023

Place of Supply : Odisha

State : Odisha

State Code : 21

Transportation Mode : N/A

Vehicle No. : N/A

Reverse Charge : No

DELIVER TO (CONSIGNEE)

Name : M/s FERRO ALLOYS CORPORATION LIMITED

Address : Kaliapani, Jajpur - 755028

GST No. : 21AAACF1999A1Z3
State : Odisha
State Code : 21

P. O No - 4920056651, dt.16/08/2022.

SL.N O.	Description of Product	HSN / SAC Code	UoM	Qty	Rate (Rs)	Taxable Amt (Rs)	CGST		SGST		IGST		Total (Rs)
							Rate (%)	Amt (Rs)	Rate (%)	Amt (Rs)	Rate (%)	Amt (Rs)	

Regular environmental monitoring work of OSTAPAL Chromite mines. for the month from July - Sep'2022

1	Soil Testing	998346		4	1,174.55	4,698.20	9%	422.84	9%	422.84			5,543.88
2	Dust Fall	998346		1	1,175.52	1,175.52	9%	105.80	9%	105.80			1,387.11
3	Ground Water Level	998346		9	64.07	576.63	9%	51.90	9%	51.90			680.42
4	Ground Water Quality	998346		6	1,601.66	9,609.96	9%	864.90	9%	864.90			11,339.75
5	Measurement of Ground Water Quality	998346		5	266.94	1,334.70	9%	120.12	9%	120.12			1,574.95
6	Effluent Water Analysis	998346		2	1,601.66	3,203.32	9%	288.30	9%	288.30			3,779.92
7	Surface Water Analysis	998346		2	2,426.75	4,853.50	9%	436.82	9%	436.82			5,727.13
8	Air Quality (Core Zone)	998346		104	2,349.09	2,44,305.36	9%	21,987.48	9%	21,987.48			2,88,280.32
9	Air Quality (Buffer Zone)	998346		24	2,349.09	56,378.16	9%	5,074.03	9%	5,074.03			66,526.23
10	Noise Level	998346		13	160.17	2,082.21	9%	187.40	9%	187.40			2,457.01
11	Fugitive Dust Emission	998346		3	1,281.32	3,843.96	9%	345.96	9%	345.96			4,535.87
12	STP outlet water analysis	998346		2	1,019.24	2,038.48	9%	183.46	9%	183.46			2,405.41
13	Used oil analysis report	998346		1	12,186.00	12,186.00	9%	1,096.74	9%	1,096.74			14,379.48
14	Stack monitoring report	998346		2	5,047.64	10,095.28	9%	908.58	9%	908.58			11,912.43
15	Drinking water portability test	998346		3	1,198.81	3,596.43	9%	323.68	9%	323.68			4,243.79
16	Silica content in AAQ	998346		1	1,553.12	1,553.12	9%	139.78	9%	139.78			1,832.68
Total :					3,61,530.83	32,537.77		32,537.77		32,537.77			4,26,606.38

Total Invoice Amount in Word: Rupees four lakh twenty six thousand six hundred six only.

Bank Details : Visiontek Consultancy Services Pvt. Ltd
Bank Name: State Bank of India Current Account No: 30320141412
Branch Name : IRC Village, Nayapalli IFSC Code : SBIN0007045

Terms & Conditions :

Total Taxable Amount Rs 3,61,530.83

Total GST Rs 65,075.54

Invoice Total Rs 4,26,606.37

Round Off 4,26,606.00

GST Payable on Reverse Charge Rs -

Certified that the particulars given above are true and correct.

For Visiontek Consultancy Services Pvt. Ltd.



Plot No-M 22 23, Chandaka Industrial Estate , Patia, Bhubaneswar-751024,
Email : visiontekin@gmail.com, Tel. : 0674-3511721, Visit us at : www.vcspl.org



Visiontek Consultancy Services Private Limited

(An Enviro Engineering Consulting Cell)



ISO 9001 : 2008

CIN NO: U24117OR1993PTC003370

GSTIN: 21AABCV8957D1ZC

PAN No :AABCV8957D

TAX INVOICE

ORIGINAL for Receipt

INVOICE TO (RECEIVER)

Name : M/s FERRO ALLOYS CORPORATION LIMITED

Address : Kaliapani, Jajpur - 755028

GST No. : 21AAACF1999A1Z3

State : Odisha

State Code : 21

Invoice No. : VCSPL22-23/946

Date of Issue : 25/02/2023

Place of Supply : Odisha

State : Odisha

State Code : 21

Transportation Mode : N/A

Vehicle No. : N/A

Reverse Charge : No

DELIVER TO (CONSIGNEE)

Name : M/s FERRO ALLOYS CORPORATION LIMITED

Address : Kaliapani, Jajpur - 755028

GST No. : 21AAACF1999A1Z3

State : Odisha

State Code : 21

P. O No - 4920056651, dt.16/08/2022.

SL.N O.	Description of Product	HSN / SAC Code	UoM	Qty	Rate (Rs)	Taxable Amt (Rs)	CGST		SGST		IGST		Total (Rs)
							Rate (%)	Amt (Rs)	Rate (%)	Amt (Rs)	Rate (%)	Amt (Rs)	
Regular environmental monitoring work of OSTAPAL Chromite mines. for the month from Oct-Dec'2022													
1	Soil Testing	998346		4	1,174.55	4,698.20	9%	422.84	9%	422.84			5,543.88
2	Dust Fall	998346		1	1,175.52	1,175.52	9%	105.80	9%	105.80			1,387.11
3	Ground Water Level	998346		9	64.07	576.63	9%	51.90	9%	51.90			680.42
4	Ground Water Quality	998346		6	1,601.66	9,609.96	9%	864.90	9%	864.90			11,339.75
5	Measurement of Ground Water Quality	998346		5	266.94	1,334.70	9%	120.12	9%	120.12			1,574.95
6	Effluent Water Analysis	998346		2	1,601.66	3,203.32	9%	288.30	9%	288.30			3,779.92
7	Surface Water Analysis	998346		2	2,426.75	4,853.50	9%	436.82	9%	436.82			5,727.13
8	Air Quality (Core Zone)	998346		104	2,349.09	2,44,305.36	9%	21,987.48	9%	21,987.48			2,88,280.32
9	Air Quality (Buffer Zone)	998346		24	2,349.09	56,378.16	9%	5,074.03	9%	5,074.03			66,526.23
10	Noise Level	998346		13	160.17	2,082.21	9%	187.40	9%	187.40			2,457.01
11	Fugitive Dust Emission	998346		3	1,281.32	3,843.96	9%	345.96	9%	345.96			4,535.87
12	STP outlet water analysis	998346		2	1,019.24	2,038.48	9%	183.46	9%	183.46			2,405.41
13	Stack monitoring report	998346		2	5,047.64	10,095.28	9%	908.58	9%	908.58			11,912.43
14	Drinking water portability test	998346		3	1,198.81	3,596.43	9%	323.68	9%	323.68			4,243.79
15	Silica content in AAQ	998346		1	1,553.12	1,553.12	9%	139.78	9%	139.78			1,832.68
Total :						3,49,344.83		31,441.03		31,441.03			4,12,226.90

Total Invoice Amount in Word: Rupees four lakh twelve thousand two hundred twenty seven only.

Bank Details : Visiontek Consultancy Services Pvt. Ltd

Bank Name: State Bank of India Current Account No: 30320141412

Branch Name : IRC Village, Nayapalli IFSC Code : SBIN0007045

Terms & Conditions :

Total Taxable Amount Rs 3,49,344.83

Total GST Rs 62,882.06

Invoice Total Rs 4,12,226.89

Round Off 4,12,227.00

GST Payable on Reverse Charge Rs -

Certified that the particulars given above are true and correct.

For Visiontek Consultancy Services Pvt. Ltd.



Plot No-M 22 23, Chandaka Industrial Estate , Patia, Bhubaneswar-751024,
Email : visiontekin@gmail.com, Tel. : 0674-3511721, Visit us at : www.vcspl.org



Visiontek Consultancy Services Private Limited

(An Enviro Engineering Consulting Cell)




ISO 9001 : 2008

CIN NO: U24117OR1993PTC003370

GSTIN: 21AABCV8957D1ZC

PAN No :AABCV8957D

TAX INVOICE								ORIGINAL for Receipt					
INVOICE TO (RECEIVER)								Invoice No. :		VCSP123-24/62			
Name : M/s FERRO ALLOYS CORPORATION LIMITED								Date of Issue :		17/05/2023			
Address : Kaliapani, Jajpur - 755028				GST No. :		21AAACF1999A1Z3		Place of Supply :		Odisha			
				State :		Odisha		State :		Odisha			
				State Code :		21		State Code :		21			
								Transportation Mode :		N/A			
DELIVER TO (CONSIGNEE)								Vehicle No. :		N/A			
Name : M/s FERRO ALLOYS CORPORATION LIMITED								Reverse Charge :		No			
Address : Kaliapani, Jajpur - 755028				GST No. :		21AAACF1999A1Z3		P. O No - 4920056651, dt.16/08/2022.					
				State :		Odisha							
				State Code :		21							
SL.N O.	Description of Product	HSN / SAC Code	UoM	Qty	Rate (Rs)	Taxable Amt (Rs)	CGST		SGST		IGST		Total (Rs)
							Rate (%)	Amt (Rs)	Rate (%)	Amt (Rs)	Rate (%)	Amt (Rs)	
Regular environmental monitoring work of OSTAPAL Chromite mines. for the month from Jan-Mar'2023													
1	Soil Testing	998346		4	1,174.55	4,698.20	9%	422.84	9%	422.84			5,543.88
2	Dust Fall	998346		1	1,175.52	1,175.52	9%	105.80	9%	105.80			1,387.11
3	Ground Water Level	998346		9	64.07	576.63	9%	51.90	9%	51.90			680.42
4	Ground Water Quality	998346		9	1,601.66	14,414.94	9%	1,297.34	9%	1,297.34			17,009.63
5	Measurement of Ground Water Quality	998346		9	266.94	2,402.46	9%	216.22	9%	216.22			2,834.90
6	Effluent Water Analysis	998346		2	1,601.66	3,203.32	9%	288.30	9%	288.30			3,779.92
7	Surface Water Analysis	998346		2	2,426.75	4,853.50	9%	436.82	9%	436.82			5,727.13
8	Air Quality (Core Zone)	998346		100	2,349.09	2,34,909.00	9%	21,141.81	9%	21,141.81			2,77,192.62
9	Air Quality (Buffer Zone)	998346		24	2,349.09	56,378.16	9%	5,074.03	9%	5,074.03			66,526.23
10	Noise Level	998346		13	160.17	2,082.21	9%	187.40	9%	187.40			2,457.01
11	Fugitive Dust Emission	998346		3	1,281.32	3,843.96	9%	345.96	9%	345.96			4,535.87
Total :						3,28,537.90		29,568.41		29,568.41			3,87,674.72
Total Invoice Amount in Word: Rupees three lakh eighty seven thousand six hundred seventy five only.								Total Taxable Amount Rs		3,28,537.90			
								Total GST Rs		59,136.82			
Bank Details : Visiontek Consultancy Services Pvt. Ltd								Invoice Total Rs		3,87,674.72			
Bank Name: State Bank of India Current Account No: 30320141412								Round Off		3,87,675.00			
Branch Name : IRC Village, Nayapalli IFSC Code : SBIN0007045													
Terms & Conditions :								Certified that the particulars given above are true and correct.					
								For Visiontek Consultancy Services Pvt. Ltd.					
								 Authorised Signatory					

Plot No-M 22 23, Chandaka Industrial Estate , Patia, Bhubaneswar-751024,
Email : visiontekin@gmail.com, Tel. : 0674-3511721, Visit us at : www.vcspl.org

ONE SINGLE PO WAS AWARDED FOR 3 JOBS

TOTAL WORK VALUE: Rs 1363500/- , for CCP , OSTAPAL & KALARANGIATTA MINE

So, for Ostapal Mine : Rs 454500.00

Head – environment

PURCHASE ORDER

Page : 1 of 97

PO Number : 4920056354
PO Date : 29.07.2022

Vendor Code : 734942
Vendor Name : Instant Procurment Services Private Limited
Vendor Address : 6Th Floor, Esplanade One Rashu
Bhubaneswar - Orissa, 751010
India.

Your Reference : Instant Procurment Services 3100005987
Our Reference : 8910053050 3600128390
PO Currency : Indian Rupee
PO Validity : 01.08.2022 To 31.01.2023
Delivery Place/ : CHARGE CHROME PLANT
Billing Address : Randia Bhadrak Orissa 756135 India
GSTN No.

DELIVERY DATE: SEE BELOW
WE RESERVE THE RIGHT TO
REJECT THE MATERIAL SUPPLIED
15 DAYS IN ADVANCE OF
DELIVERY DATE SPECIFIED IN
THIS PURCHASE ORDER

I) PO CONFIRMATION/ACKNOWLEDGEMENT:

You shall receive an email confirmation after release of each Purchase Order from our end. Email will provide you a link, from which you can log into SRM portal and view and/or download the PO. For downloading or saving the PO, please click on "PRINT" option. Immediately after receipt of PO, you have to provide "CONFIRMATION" to all items. Alternately, you may directly log into your account in SRM portal through our official website <https://sesagoaironore.com/procurement/vendor-e-portal/> and provide "CONFIRMATIONS". In case no confirmation is received from you within 2 days of receipt of PO, then PO shall be deemed accepted to you. However, without giving "CONFIRMATION", ASN as follows, cannot be created, and it has to be done without exception.

Confirmations, acknowledgement and ASN shall not be applicable for Service line items of the PO

II) PRE-DELIVERY CONDITION:

1) At the time of dispatch of material. You have to log into SRM system, open "Create ASN" tab and enter dispatch details, like DC No., DC date, Vehicle No., Quantity, LR No. & LR Date against each proposed delivery item, and saved, when system will generate a unique no. This is called as Advance Shipping Notice (ASN), and same has to be imprinted on every Invoice.

ASN shall not be applicable for Service POs

PURCHASE ORDER CONTINUATION

PO NO : 4920056354

Page : 2 of 97

- 2) In our endeavor to support and save environment, we have gone paperless w. e. f. 15.09.2016, for which we have introduced Vendor Invoice Management system (VIM). For this you have to scan and post the Invoice from now onwards on the designated e-mail Id, Invoice.sesa@vedanta.co.in; clearly indicating PO No. and ASN no as above; without which payment processing shall not take place, or may get delayed.
- 3) Following guidelines to be strictly followed for posting of Invoices in VIM:
- a) All Invoices should be uploaded in PDF format only; any other format is not recognized by the system and shall automatically become null and void. Please note.
 - b) Strictly One Invoice per PO to be posted and no two or more PO nos. to be combined under the same Invoice.
 - c) Strictly One Invoice to be attached and posted per e-mail, and not more than one, else such multiple Invoice mail/s will become null and void automatically.
 - d) Create a new field in your Invoicing system for entering "ASN NO" by printing, and which please do not write manually.
 - e) Hand written Invoices shall not be acceptable, hereinafter, and all such Invoice mail/s will become null and void automatically.
 - f) Use very simple Font like "Times Roman", or "Arial" for printing the Invoices.
 - g) On the Invoice, in one column/box please update only one field, and do not mix with any other field, e.g. PO and PO date should be updated in separate fields. Similarly update Invoice No.; Invoice date; DC No. ASN no etc. and all in independent fields.
 - h) All Invoices will have to be digitally signed, w.e.f. 03.10.2016 and for which you will have to get your digital signature done urgently. Invoices without digital signature may not be acceptable from 03.10.2016.
 - i) Requested not to send any other document/s, other than Invoice and relevant docs like copy of LR, DC etc. on this id Invoice.sesa@vedanta.co.in, else system may block sender's ID.
- 4) Copy of Delivery challan / Invoice, warranty/guarantee certificate may please be sent with the consignment only, but strictly do not send any documents to purchase / commercial dept, except Bank Guarantees.
- 5) Vendors shall prepare the DFT with Delivery Plant address and not on Head Office address and strictly dispatch / submit the excise invoices (DFT) along with material, so that we can avail CENVAT benefit without any problems. Once digital signatures are in place, no hard copy may be required, to be submitted.
- 6) In case if the above details are not provided on the portal, system shall throw errors for want of the same and unloading may be delayed, and payment processing may not be possible. Also ASN is required for evaluating vendor's performance, and non-compliance shall lead to negative score & thus you stand to lose points in the vendor rating. In case of repetitive default in filling ASN, or complying with any

PURCHASE ORDER CONTINUATION

PO NO : 4920056354

Page : 3 of 97

other details, as above; we reserve the right to reject the material.

III) You shall also receive regular mails confirming acceptance of material in stores and Invoice posting, from which you can view the details appropriately.

Requested to follow the above procedures and co-operate for proper functioning of SRM and VIM systems and for smooth processing of Bills, from now onwards.

Please supply the under mentioned materials / services subject to the prices, terms and conditions mentioned below, "General Terms and Conditions" and "Applicable Standard terms and conditions":

Sr.	Item code	Plant	UOM	Req. Qty	Rate	Value
No.Specification						
1	Impact Assessment Report along with Grou	CCPL	AU	1.000	1,363,500.00	1,363,500.00
	9990001300					
1	GROUND WATER MODELLING & IMPACT ASSMNT.		LS	1.000	1,363,500.00	1,363,500.00
	Klarangiatta,,Study and preparation of Groundwater Impact Assessment Report along with Groundwater Modelling Study report for Kalarangiatta Mine for renewal of NOC as per notifications issued by CGWA.,, CCP,,Study and preparation of Groundwater Impact Assessment Report along with Groundwater Modelling Study report for FACOR Charge Chrome Plant for obtaining NOC as per notifications issued by CGWA.,, OSTAPAL,,Follow up with CGWA for obtaining NOC for Ostapal Mine.,,					
	HSN/SAC Code :998341					
				IN : Central GST(9.00%)		122,715.00
				IN : State GST(9.00%)		122,715.00
Line no	A/c code	Buss.Area	Cost center	Internal Order	WBS Element	Network no
						Asset id

INSTANT PROCUREMENT SERVICES PVT LTD

Esplanade One Rashulgarh, 6Th Floor, OU-618, Khordha, Bhubaneswar, 751010

STATE: ODISHA

STATE CODE: 21

GSTIN: 21AADC19794D1ZI

PAN: AADC19794D

subhankar@procmart.com

8777350031

PO/PM/OD/23/000012

PURCHASE ORDER

Date: 03.08.2022

To,

GEO CLIMATE RISK SOLUTIONS PRIVATE LIMITED

Level 3 And 4, D.No. 12-1-16, Plot No. 19, Survey No. 1051,
Naga Chambers, Opposite HDFC Bank, Ram Nagar, Waltair
Main Road, Visakhapatnam, Visakhapatnam, 530002

STATE: ANDHRA PRADESH

STATE CODE: 37

GSTIN: 37AAF CG8137J1Z9

8249356659

bastia.fakira@gcrs.co.in

S.No.	PRODUCT	HSN/SAC	SPECIFICATION	QUANTITY	UNIT PRICE	PRICE BEFORE TAX	CGST	SGST	IGST	LINE TOTAL
1	GROUND WATER MODELLING	998341	GROUND WATER MODELLING & IMPACT ASSMNT	1 OTH	1350000	1350000	(@0%) 0	(@0%) 0	(@18%) 243000	1593000

All prices in currency ~

Delivery Terms

Delivery Period: 24 Week(s)

Payment Terms

Credit : NET30

Remarks

Price Before Tax	~ 1350000
Total Tax	~ 243000
Grand Total	~ 1593000

Powered By

SHIPPING ADDRESS**M/S FERRO ALLOYS****CORPORATION LTD**

D.P.NAGAR, AT -RANDIA, PO-

KORANTA, DIST- BHADRAK,

BHADRAK, 756135

STATE: ODISHA

CONTACT PERSON :

SUBHANKAR BANERJEE

EMAIL:

subhankar@procmart.com

MOBILE: 8777350031



This is an electronically generated document, hence does not require signature

Note : This is the work order for Kalaramgiatta chromite mine and Charge chrome plant**

For Geo Climate Risk Solutions Pvt. Ltd.



Accreditation Board of CGWA

Certificate of Accreditation

M/s. Geoclimate Risk Solutions
Vishakhapatnam, A.P.

Has been accredited as a Ground Water Professionals to prepare reports in the Functional Areas of

- *Impact Assessment of Existing / Proposed GW Extraction*
- *GW Modelling*
- *Hydrogeological conditions in mining projects.*

Valid from: 15.02.2021

Certificate No.: CGWA/RGI/005

Valid thru : 14.02.2026

Dated : 07.07.2021

क्षेत्रीय निदेशक
Regional Director
आरजीएनजीडब्ल्यूटीआरआई
RGNGWT&RI

सदस्य
Member
आरजीएनजीडब्ल्यूटीआरआई
RGNGWT&RI



Geo Climate Risk Solutions Pvt Ltd

Level 3 and 4, D.no. 12-1-16, Plot No.19, Survey No. 1051,
Naga Chambers, Opposite HDFC Bank, Ram Nagar,
Waltair Main Road
Visakhapatnam Andhra Pradesh 530002
India
GSTIN 37AAF CG8137J1Z9

TAX INVOICE

#	: 2022230033	Place Of Supply	: Odisha (21)
Invoice Date	: 13/09/2022		
Terms	: Due on Receipt		
Due Date	: 13/09/2022		
P.O.#	: PO/PM/OD/23/000012		

Bill To	Ship To
Instant Procurement Services Pvt. Ltd Esplanade One Rashulgarh, 6th Floor, OU-618, Khordha Bhubaneswar 751010 Odisha India GSTIN 21AADCI9794D1ZI	M/s Ferro Alloys Corporation Limited D.P.NAGAR, AT-RANDIA, PO-KORANTA DIST-BHADRAK BHADRAK 756135 Odisha India GSTIN 21AADCI9794D1ZI

Subject :

Preparation of Impact Assessment Report and Hydrogeological Study

50% of Total contract value (INR 13,50,000 excl GST) as per the payment terms and conditions

S.no	Description	HSN/SAC	Qty	Rate	IGST	Amount
1	50% upon conducting field study and submitting first draft report	998341	1.00	6,75,000.00	1,21,500.00	6,75,000.00

Total In Words

Indian Rupee Seven Lakh Ninety-Six Thousand Five Hundred Only

Thanks for your business.

Bank Details:

Account Name: Geo Climate Risk Solutions Pvt. Ltd

State Bank of India

Branch name: P B B Waltair

Address: SPL P B B Waltair, 10-50-14/3

Opposite-Waltair Club, Visakhapatnam

Account No: 34585495630

Account type: Current

IFSC code: SBIN0004202

Terms & Conditions

50% Upon conducting field survey and submitting first draft report.

40% upon submitting final report.

10% upon receiving NOC from concerned department

G Prasad Babu (Founder & CEO)

**PRASAD
BABU
GADHAM**

Authorized Signature

Digitally signed by

PRASAD BABU

GADHAM

Date: 2022.09.13

14:41:20 +05'30'



Geo Climate Risk Solutions Pvt Ltd

Level 3 and 4, D.no. 12-1-16, Plot No.19, Survey No. 1051,
Naga Chambers, Opposite HDFC Bank, Ram Nagar,
Waltair Main Road
Visakhapatnam Andhra Pradesh 530002
India
GSTIN 37AAF CG8137J1Z9

TAX INVOICE

#	: 2022230034	Place Of Supply	: Odisha (21)
Invoice Date	: 13/09/2022		
Terms	: Due on Receipt		
Due Date	: 13/09/2022		
P.O.#	: PO/PM/OD/23/000012		

Bill To	Ship To
Instant Procurement Services Pvt. Ltd Esplanade One Rashulgarh, 6th Floor, OU-618, Khordha Bhubaneswar 751010 Odisha India GSTIN 21AADCI9794D1ZI	M/s Ferro Alloys Corporation Limited D.P.NAGAR, AT-RANDIA, PO-KORANTA DIST-BHADRAK BHADRAK 756135 Odisha India GSTIN 21AADCI9794D1ZI

Subject :

Preparation of Impact Assessment report and Hydrogeological study
40% of Total contract value (13,50,000 excl GST) as per the payment terms and conditions

S.no	Description	HSN/SAC	Qty	Rate	IGST	Amount
1	40% upon submitting the final report	998341	1.00	5,40,000.00	97,200.00	5,40,000.00

Total In Words
Indian Rupee Six Lakh Thirty-Seven Thousand Two Hundred Only

Thanks for your business.

Bank Details:

Account Name: Geo Climate Risk Solutions Pvt. Ltd
State Bank of India
Branch name: P B B Waltair
Address: SPL P B B Waltair, 10-50-14/3
Opposite-Waltair Club, Visakhapatnam
Account No: 34585495630
Account type: Current
IFSC code: SBIN0004202

Terms & Conditions

50% upon conducting field survey and submitting first draft report
40% upon submitting the final report
10% upon receiving NOC from concerned department

Sub Total	5,40,000.00
IGST18 (18%)	97,200.00
Total	₹6,37,200.00
Balance Due	₹6,37,200.00

G Prasad Babu (Founder & CEO)

PRASAD

BABU

GADHAM

Authorized Signature

Digitally signed by
PRASAD BABU
GADHAM
Date: 2022.09.13
14:42:16 +05'30'

GSTIN: 21AAACF1999A1Z3

PURCHASE ORDER

Page : 1 of 96

PO Number : 4920058435
PO Date : 11.11.2022
Vendor Code : 734070
Vendor Name : CSIR-Institute of Minerals and Materials
Vendor Address :
Near Acharya Vihar,
Dist.: Khordha, Bhubaneswar - Orissa, 751013
India.
Your Reference : CSIR-IIMT Emil-28.9.22
Our Reference : ***** 3100006611
PO Currency : Indian Rupee
PO Validity : 10.11.2022 To 09.11.2023
Delivery Place/ : OSTAPAL
Billing Address : KALIAPANI JAJPUR Orissa 755028 India

DELIVERY DATE: SEE BELOW
WE RESERVE THE RIGHT TO
REJECT THE MATERIAL SUPPLIED
15 DAYS IN ADVANCE OF
DELIVERY DATE SPECIFIED IN
THIS PURCHASE ORDER

I) PO CONFIRMATION/ACKNOWLEDGEMENT:

You shall receive an email confirmation after release of each Purchase Order from our end. Email will provide you a link, from which you can log into SRM portal and view and/or download the PO. For downloading or saving the PO, please click on "PRINT" option. Immediately after receipt of PO, you have to provide "CONFIRMATION" to all items. Alternately, you may directly log into your account in SRM portal through our official website <https://sesagoaironore.com/procurement/vendor-e-portal/> and provide "CONFIRMATIONS". In case no confirmation is received from you within 2 days of receipt of PO, then PO shall be deemed accepted to you. However, without giving "CONFIRMATION", ASN as follows, cannot be created, and it has to be done without exception.

Confirmations, acknowledgement and ASN shall not be applicable for Service line items of the PO

II) PRE-DELIVERY CONDITION:

1) At the time of dispatch of material. You have to log into SRM system, open "Create ASN" tab and enter dispatch details, like DC No., DC date, Vehicle No., Quantity, LR No. & LR Date against each proposed delivery item, and saved, when system will generate a unique no. This is called as Advance Shipping Notice (ASN), and same has to be imprinted on every Invoice.

ASN shall not be applicable for Service POs

PURCHASE ORDER CONTINUATION

PO NO : 4920058435

Page : 2 of 96

- 2) In our endeavor to support and save environment, we have gone paperless w. e. f. 15.09.2016, for which we have introduced Vendor Invoice Management system (VIM). For this you have to scan and post the Invoice from now onwards on the designated e-mail Id, Invoice.sesa@vedanta.co.in; clearly indicating PO No. and ASN no as above; without which payment processing shall not take place, or may get delayed.
- 3) Following guidelines to be strictly followed for posting of Invoices in VIM:
- a) All Invoices should be uploaded in PDF format only; any other format is not recognized by the system and shall automatically become null and void. Please note.
 - b) Strictly One Invoice per PO to be posted and no two or more PO nos. to be combined under the same Invoice.
 - c) Strictly One Invoice to be attached and posted per e-mail, and not more than one, else such multiple Invoice mail/s will become null and void automatically.
 - d) Create a new field in your Invoicing system for entering "ASN NO" by printing, and which please do not write manually.
 - e) Hand written Invoices shall not be acceptable, hereinafter, and all such Invoice mail/s will become null and void automatically.
 - f) Use very simple Font like "Times Roman", or "Arial" for printing the Invoices.
 - g) On the Invoice, in one column/box please update only one field, and do not mix with any other field, e.g. PO and PO date should be updated in separate fields. Similarly update Invoice No.; Invoice date; DC No. ASN no etc. and all in independent fields.
 - h) All Invoices will have to be digitally signed, w.e.f. 03.10.2016 and for which you will have to get your digital signature done urgently. Invoices without digital signature may not be acceptable from 03.10.2016.
 - i) Requested not to send any other document/s, other than Invoice and relevant docs like copy of LR, DC etc. on this id Invoice.sesa@vedanta.co.in, else system may block sender's ID.
- 4) Copy of Delivery challan / Invoice, warranty/guarantee certificate may please be sent with the consignment only, but strictly do not send any documents to purchase / commercial dept, except Bank Guarantees.
- 5) Vendors shall prepare the DFT with Delivery Plant address and not on Head Office address and strictly dispatch / submit the excise invoices (DFT) along with material, so that we can avail CENVAT benefit without any problems. Once digital signatures are in place, no hard copy may be required, to be submitted.
- 6) In case if the above details are not provided on the portal, system shall throw errors for want of the same and unloading may be delayed, and payment processing may not be possible. Also ASN is required for evaluating vendor's performance, and non-compliance shall lead to negative score & thus you stand to lose points in the vendor rating. In case of repetitive default in filling ASN, or complying with any

PURCHASE ORDER CONTINUATION

PO NO : 4920058435

Page : 3 of 96

other details, as above; we reserve the right to reject the material.

III) You shall also receive regular mails confirming acceptance of material in stores and Invoice posting, from which you can view the details appropriately.

Requested to follow the above procedures and co-operate for proper functioning of SRM and VIM systems and for smooth processing of Bills, from now onwards.

Please supply the under mentioned materials / services subject to the prices, terms and conditions mentioned below, "General Terms and Conditions" and "Applicable Standard terms and conditions":

Sr.	Item code	Plant	UOM	Req. Qty	Rate	Value
No.Specification						
1	Pilot Study for hexavalent chromium 9912050033	OSMI	AU	1.000	1,488,333.00	1,488,333.00
1	ENVIRONMENTAL CONSULTANCY SERVICES FOR OBTAINING PERMISSION UNDER CRZ RULES		LS	1.000	1,488,333.00	1,488,333.00
HSN/SAC Code :						
Line no	A/c code	Buss.Area	Cost center	Internal Order	WBS Element	Network no
01	215009	FA28	OS18000F			Asset id
Total PO Value						1,488,333.00

Price basis : ATS - At Site
Ostapal and Kalarangiatta Mi

Insurance :

Shipping Instruction :

Payment mode :

Payment terms : As specified in attached Document
25 % advance and balance on quaterly
as per submission of bill within 7 Days

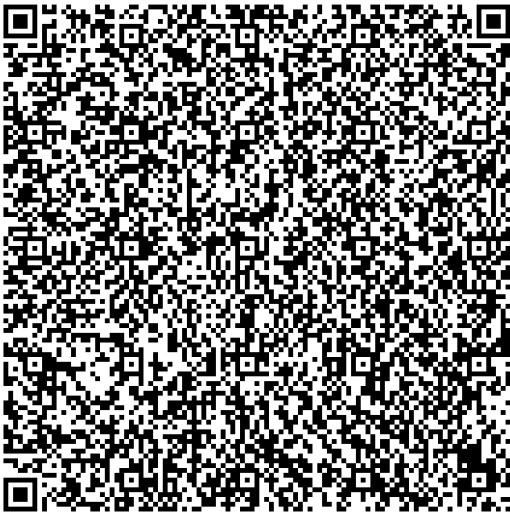
1) In our endeavor to support and save environment, we have now gone paperless; for which we have introduced Vendor Invoice Management system (VIM). For this you have to scan and post the Invoice from now onwards on the designated e-mail Id, Invoice.sesa@vedanta.co.in; clearly indicating PO No. and ASN no as above; without which payment processing shall not take place, or may get delayed.

2) All Invoices have to be printed and in PDF format only, no other file format or

21AAATC2716R1ZR

CSIR- INSTITUTE OF MINERALS & MATERIALS

TECHNOLOGY



1.e-Invoice Details

IRN : 4bac3bc8dca86cfe1979156222158c990 Ack No. : 182212534345538

Ack Date : 14-11-2022 14:00:00

8cbca926338258f63e2b1347eb65707

2.Transaction Details

Supply type Code : B2B

Document No. : ND/ESD/22/165

IGST applicable despite Supplier and Recipient located in same State : No

Place of Supply : ODISHA

Document Type : Tax Invoice

Document Date : 14-11-2022

3.Party Details

Supplier :
GSTIN : 21AAATC2716R1ZR
CSIR- INSTITUTE OF MINERALS & MATERIALS TECHNOLOGY
IMMT COLONY, ACHARYAVIHAR BHUBANESWAR
KHORDHA 751013 ODISHA
9450910838 deeppta@immt.res.in

Recipient : PO No.-4920058435
GSTIN : 21AAACF1999A1Z3
FERRO ALLOYS CORPORATION LIMITED
Vedant Group
Bhadrak Place of Supply: ODISHA
756135 ODISHA

4.Details of Goods / Services

SINo	Item Description	HSN Code	Quantity	Unit	Unit Price(Rs)	Discount(Rs)	Taxable Amount(Rs)	Tax Rate(GST + Cess | State Cess + Cess Non.Advol)	Other charges	Total
1	Pilot study at Ostapal and Kalarangiatta Mines PO-4920058435	998393	1	OTH	1488333	0	1488333	18.00 + 0.00 | 0.00 + 0	0	1756232.94

Tax'ble Amt	CGST Amt	SGST Amt	IGST Amt	CESS Amt	State CESS	Discount	Other Charges	Round off Amt	Tot Inv. Amt
1488333.00	133949.97	133949.97	0.00	0.00	0.00	0.00	0.00	0.00	1756232.94

Generated By : 21AAATC2716R1ZR

Print Date : 14-11-2022 14:00:33



Digitally Signed by NIC-IRP

on :2022-11-14 14:00:00

Tax Invoice

Original For Recipient

THERMO FISHER SCIENTIFIC INDIA PVT. LTD.

B-4, Unit D, Indospace Industrial Park-I,
Gat No. 428 Village Mahalunge Ingale,
Off Chakan-Talegaon Road, Near L'Oreal,
Taluka- Khed,
410501 PUNE-PUNE
Maharashtra INDIA
LUT No.: AD270222061218C Exp.Dt 31/03/2023
GSTIN/UIN No.: 27AABCT3207A1ZZ

TAN : MUMTO8958F

PAN : AABCT3207A

Invoice Number	PO #	Page
9240443219	4700004355	1 / 4
Create Date	Sales Order#	Payment Terms
20.09.2022	21811842	90% net 30 10% due on instal
Inco 1	Inco 2	Shipping method
EXW Ex works		Standard

Bill To: 1701467
Ferro Alloys Corporation Ltd
Ostapal Chromite Mines P.O: Kaliapani, Dist. Jajpur
755047 Jajpur
Orissa India

Ship/Service To: 1701467
Ferro Alloys Corporation Ltd
Ostapal Chromite Mines P.O: Kaliapani, Dist. Jajpur
755047 Jajpur
Orissa India

GSTIN / UIN No: 21AAACF1999A1Z3
Place of Supply: Orissa
PAN : AAACF1999A

GSTIN / UIN No: 21AAACF1999A1Z3

Payment Due Date: 29.09.2022

For inquiries on invoice

Name: Sourabh Shetye
Tel: 18 00 22 22 30
Email: sourabh.shetye2@thermofisher.com
info@thermofisher.com

Item	Material No.	Description	Qty	Unit Price	Total Value
10	AQMS	Gas analysis instruments-CAAQMS	1 EA	5,200,000.00	5,200,000.00 INR

HSN / SAC code:

90271000

Consisting of 9990002519 & Supply, installation & Commissioning AAQMS.

Payment terms:

- a) 90% within 30 days of material receipt at site technically accepted by user.
b) 10% against installation and commissioning, is delayed beyond 60 days for reasons not attributable to vendor, last 10% shall be release against equivalent PBG.



Taxable value	5,200,000.00 INR
Integrated GST @ 18.00 %	936,000.00 INR
TCS @ 0.000 %	0.00 INR
Subtotal	5,200,000.00 INR
Total Taxable value	5,200,000.00 INR
Total IGST	936,000.00 INR
Total TCS	0.00 INR
Total	6,136,000.00 INR

RUPEES SIXTY ONE LAKH THIRTY SIX THOUSAND ONLY

Regd office Thermo Fisher Scientific India Pvt Ltd. 403-404, B-Wing, Delphi, Hiranandani Business park, Powai, Mumbai-400076, Maharashtra India. E & O.E.
Toll Free *800 222 22 30 Tel: +91-22-6716 2200 Fax: +91-22-6716 2244 CIN No: U/3100MH/2000PTC126572 PAN No: AABCT3207A www.thermofisher.com

Entry Sheet No.: - 1001648025
SRN NO.: - 501146495



Decide with Confidence
D&B D-U-N-S*NUMBER-
65-064-5117

Annexure No.-10

Orissa Motors Pvt. Ltd.

Stevedores, Steamer Agent, Custom House Agent & Logistics

Ref. No. : OMPL/OCM/ENV/23-24/920

Date : 08/08/2023

EXPENSES FOR DUST SUPPRESSION FY 2022-23 AT OSTAPAL CHROMITE MINE, M/S FACOR LTD		
Exepnses For	Particulars	Per year
SALARY EXPENSES	Driver Salary Per Month (For 1 Driver : 22080, 3 no. engaged)	794880
	Helper Salary Per Month (For 1 Helper : 18480, 3 no. engaged)	665280
	Total Salary Expenses Per Month in (Rs)	794880
FUEL EXPENSES	Disel Consumption per trip is 2.5 Litr	2.5
	Disel consumption For 3093 Trip (Ltr)	7732.5
	Total Expenses for Disel in (Rs) (Avg rate of Disel @ Rs 95.31)	736984.575
HIRE TANKER EXPENSES	Sandha Supply Per tanker@65000/Month, For 2 Tanker = 130000/- (Tanker No. ORO2BC 4247 & Tanker No.:JH05AT3780	1560000
	Ranjit Mohant Tanker supplier @65000/Month	780000
	Total Expenses for Tanker Per Year	2340000
Total Expenses in (Rs)		3871865
Total Trip during 2022-23 (In No.)		3093
Expenses per Trip for Dust suppression in (Rs)		1252

Thanking You

Yours Sincerely

For Orissa Motors Pvt Ltd

Authorized Signatory

Regd. Off.: Plot No. 244, Sector-A, Zone-B, Mancheswar Industrial Estate, Mancheswar, Bhubaneswar-751010

Corp. Off.: 51, Budheswari Colony, Laxmisagar, Bhubaneswar - 751006, Odisha

Ph No. : 0674-2573307, E-mail : orissamotors@gmail.com

EXPENSES FOR ENVIRONMENT PARAMETER DISPLAY FOR PUBLIC

OSTAPAL CHROMITE MINE

Sl. No.	Amount Expenses	Ref. Invoice & PO
1	180000	Inv. No.: SG/30/2022-23 PO No.: PO/PM/OD/23/000032

Note: Ref. Invoice & PO copies are enclosed.

Tax Invoice

Billing Address		Date:27/12/2022	
Account Payable To, Instant Procurement Services Pvt.Ltd Esplanade One Rashulgarh, 6 th Floor, OU- 618, Bhubaneswar-751010 GSTIN:-21AADC19794D1Z1		Invoice No : SG/30/22-23	
		PO No : PO/PM/OD/23/000032	
		PO Date- 22-08-2022	
		GST-21ABACS6064Q1Z1 PAN NO : ABACS6064Q	
Nature Of Work :- Supply and Service			
Description	Quantity	Unit Price (In INR)	Total Price (In INR)
AMC Spare Supply (Environmental Consultancy services for Obtaining Permission Under CRZ Rules) (HSN/ SAC- 998719)	01	1,80,000.00	1,80,000.00
	Total		1,80,000.00
	CGST @ 09%		16,200.00
	SGST@ 09%		16,200.00
Total: (Two Lakhs Twelve Thousand Four Hundred Rupees Only)			2,12,400.00
Bank Details			
Bank Name	Punjab National Bank		
Bank Address	BMC Branch, Bhubaneswar, Orissa, India		
Account Name	Swacch Green Info Tech Private Limited		
Account Type	Current Account		
Account Number	08691132000300		
IFSC Code	PUNB0086910		
The payment can be made through wire or through cheque			



For Swacch Green Info Tech Private Limited

Swacch Green Info Tech Private Limited

Tala telenga Bazar, Bangali sahi, Cuttack- 753009, Phone: +91- 0671 2417363

PURCHASE ORDER

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PO Number : 4920056652
PO Date : 17.08.2022

Vendor Code : 734942
Vendor Name : Instant Procurment Services Private Limited
Vendor Address : 6Th Floor, Esplanade One Rashu
Bhubaneswar - Orissa, 751010
India.

Your Reference : Instant Procurment Services DT.04.07.22
Our Reference : 8910053050 3100005987
PO Currency : Indian Rupee
PO Validity : 17.08.2022 To 16.08.2023
Delivery Place/ : OSTAPAL
Billing Address : KALIAPANI JAJPUR Orissa 755028 India

DELIVERY DATE: SEE BELOW
WE RESERVE THE RIGHT TO
REJECT THE MATERIAL SUPPLIED
15 DAYS IN ADVANCE OF
DELIVERY DATE SPECIFIED IN
THIS PURCHASE ORDER

I) PO CONFIRMATION/ACKNOWLEDGEMENT:

You shall receive an email confirmation after release of each Purchase Order from our end. Email will provide you a link, from which you can log into SRM portal and view and/or download the PO. For downloading or saving the PO, please click on "PRINT" option. Immediately after receipt of PO, you have to provide "CONFIRMATION" to all items. Alternately, you may directly log into your account in SRM portal through our official website <https://sesagoaironore.com/procurement/vendor-e-portal/> and provide "CONFIRMATIONS". In case no confirmation is received from you within 2 days of receipt of PO, then PO shall be deemed accepted to you. However, without giving "CONFIRMATION", ASN as follows, cannot be created, and it has to be done without exception.

Confirmations, acknowledgement and ASN shall not be applicable for Service line items of the PO

II) PRE-DELIVERY CONDITION:

1) At the time of dispatch of material. You have to log into SRM system, open "Create ASN" tab and enter dispatch details, like DC No., DC date, Vehicle No., Quantity, LR No. & LR Date against each proposed delivery item, and saved, when system will generate a unique no. This is called as Advance Shipping Notice (ASN), and same has to be imprinted on every Invoice.

ASN shall not be applicable for Service POs

PURCHASE ORDER CONTINUATION

PO NO : 4920056652

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- 2) In our endeavor to support and save environment, we have gone paperless w. e. f. 15.09.2016, for which we have introduced Vendor Invoice Management system (VIM). For this you have to scan and post the Invoice from now onwards on the designated e-mail Id, Invoice.sesa@vedanta.co.in; clearly indicating PO No. and ASN no as above; without which payment processing shall not take place, or may get delayed.
- 3) Following guidelines to be strictly followed for posting of Invoices in VIM:
- a) All Invoices should be uploaded in PDF format only; any other format is not recognized by the system and shall automatically become null and void. Please note.
 - b) Strictly One Invoice per PO to be posted and no two or more PO nos. to be combined under the same Invoice.
 - c) Strictly One Invoice to be attached and posted per e-mail, and not more than one, else such multiple Invoice mail/s will become null and void automatically.
 - d) Create a new field in your Invoicing system for entering "ASN NO" by printing, and which please do not write manually.
 - e) Hand written Invoices shall not be acceptable, hereinafter, and all such Invoice mail/s will become null and void automatically.
 - f) Use very simple Font like "Times Roman", or "Arial" for printing the Invoices.
 - g) On the Invoice, in one column/box please update only one field, and do not mix with any other field, e.g. PO and PO date should be updated in separate fields. Similarly update Invoice No.; Invoice date; DC No. ASN no etc. and all in independent fields.
 - h) All Invoices will have to be digitally signed, w.e.f. 03.10.2016 and for which you will have to get your digital signature done urgently. Invoices without digital signature may not be acceptable from 03.10.2016.
 - i) Requested not to send any other document/s, other than Invoice and relevant docs like copy of LR, DC etc. on this id Invoice.sesa@vedanta.co.in, else system may block sender's ID.
- 4) Copy of Delivery challan / Invoice, warranty/guarantee certificate may please be sent with the consignment only, but strictly do not send any documents to purchase / commercial dept, except Bank Guarantees.
- 5) Vendors shall prepare the DFT with Delivery Plant address and not on Head Office address and strictly dispatch / submit the excise invoices (DFT) along with material, so that we can avail CENVAT benefit without any problems. Once digital signatures are in place, no hard copy may be required, to be submitted.
- 6) In case if the above details are not provided on the portal, system shall throw errors for want of the same and unloading may be delayed, and payment processing may not be possible. Also ASN is required for evaluating vendor's performance, and non-compliance shall lead to negative score & thus you stand to lose points in the vendor rating. In case of repetitive default in filling ASN, or complying with any other details, as above; we reserve the right to reject the material.

PURCHASE ORDER CONTINUATION

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III) You shall also receive regular mails confirming acceptance of material in stores and Invoice posting, from which you can view the details appropriately.

Requested to follow the above procedures and co-operate for proper functioning of SRM and VIM systems and for smooth processing of Bills, from now onwards.

Please supply the under mentioned materials / services subject to the prices, terms and conditions mentioned below, "General Terms and Conditions" and "Applicable Standard terms and conditions":

Sr.	Item code	Plant	UOM	Req. Qty	Rate	Value
No.Specification						
1	AMC & Spare supply	OSMI	AU	1.000	181,800.00	181,800.00
	9912050033					
1	ENVIRONMENTAL CONSULTANCY SERVICES FOR OBTAINING PERMISSION UNDER CRZ RULES		LS	1.000	181,800.00	181,800.00
	HSN/SAC Code :998719				IN : Central GST(9.00%)	16,362.00
					IN : State GST(9.00%)	16,362.00
Line no	A/c code	Buss.Area	Cost center	Internal Order	WBS Element	Network no
01	215009	FA28	OS18000F			Asset id
Total PO Value						214,524.00

Price basis : ATS - At Site
Ostapal and Kalarangiatta Mi

Insurance :

Shipping Instruction :

Payment mode : Demand Draft

Payment terms : 30 Days Credit
Within 30 days once invoice is certified

1) In our endeavor to support and save environment, we have now gone paperless; for which we have introduced Vendor Invoice Management system (VIM). For this you have to scan and post the Invoice from now onwards on the designated e-mail Id, Invoice.sesa@vedanta.co.in; clearly indicating PO No. and ASN no as above; without which payment processing shall not take place, or may get delayed.

2) All Invoices have to be printed and in PDF format only, no other file format or handwritten Invoices shall be acceptable, also maintain the same format for the invoice.

PURCHASE ORDER CONTINUATION

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- 3) Every Invoice has to be digitally signed in the PDF format; on each page. Invoices digitally signed in MS word or Excel and then converted into PDF shall not be acceptable.
- 4) Invoice has to have PO no and ASN No (In case of material supply only), clearly printed on each page.
- 5) PO no / ASN no has to be mandatorily printed without any prefix or suffix, but only 10 digits - PO no is to be indicated. In case there is no PO / ASN number, the invoice may be rejected by the system.
- 6) Invoices have to be prepared separately for each of our location, based on place of delivery mentioned in the PO, although PO is issued with items from various locations.
(It would be our endeavour to mention the details of Invoice preparation in the PO header text, wherever multiple Invoices are to be submitted)
- 7) While mailing the Invoices, Invoice (may be with multiple pages like page no 1 of X, page no 2 of X etc.), but invoice should always be the first page/s in the PDF file, followed by copy of LR, DC, Test certificate, Warranty / Guarantee certificate, Bank Guarantee and any other relevant doc.
- 8) One email should have only 1 pdf file attachment and only One Invoice No. (may be in multiple pages) to be attached and posted per e-mail,
- 9) One PO can have multiple Invoices/mail, but multiple POS cannot have one Invoice / mail.
- 10) In case of service PO, please mention the name of the contact person who has availed the services, and the location where service/s is/are provided.
- 11) Requested not to send any other document/s, other than Invoice and relevant docs like copy of LR, DC etc. on this id Invoice.sesa@vedanta.co.in, else system may block sender's ID.
- 12) Pl ensure that DFT / Del Challan / Copy of Invoice accompanies all supplies of goods, without which the same cannot be inwards at our Stores, thereby delaying the payment processing, for which we shall not be responsible.
- 13) Copy of DFT, Delivery challan / Invoice, warranty/guarantee certificate may please be sent with the consignment only, but strictly do not send any documents to purchase / commercial dept, except Bank Guarantees.
- 14) Vendors shall prepare the DFT with Delivery Plant address and not on Head Office

PURCHASE ORDER CONTINUATION

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address and strictly dispatch / submit the excise invoices (DFT) along with material, so that we can avail CENVAT benefit without any problems. Once digital signatures are in place, no hard copy of DFT may be required, to be submitted.

15) All hard copies of the Invoices are to be strictly sent to the following address:

Payment Helpdesk
Shared Services
Vedanta Limited, Pig Iron Plant,
Amona - Goa; INDIA 403 107
Contact No. 0832 2385 325

16) Please submit an original cancelled cheque or a letter from your banker, confirming all Bank details, duly signed and stamped by the Bank. This is required for updating vendor's bank details in our records and is an one time activity. Please note that photo/ scanned copy of the cheque/ Mail from Bank / Scanned copy of Bank letter etc. shall not be acceptable and payment processing shall be held for want of the same, if we do not receive original documents.

Those vendors, who have not yet provided original copy of cancelled cheque or relevant letter from the bank, need to send the same immediately, addressed to "Payment Helpdesk", as above.

17) Vendor shall provide the following details on each of the Invoices, for affecting RTGS payments:

- a. IFC code (bank key) -----
- b. Bank a/c no-----
- c. Name of the bank-----
- d. Bank address-----
- e. E-mail Id-----

Please note that, in case of all RTGS payments, "Auto payment details shall be transmitted to the vendor by email, and no covering letter shall be sent in future.

18) For other details regarding VIM and SRM, please refer Page # 1 and 2 of the PO

DELIVERY SCHEDULE

Item Sr No.	Item Code	Sch. No.	Schedule Qty.	Schedule Date
----------------	-----------	-------------	------------------	------------------

PURCHASE ORDER CONTINUATION

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Item Sr No.	Item Code	Sch. No.	Schedule Qty.	Schedule Date
1		1	1.000	16.08.2023

Terms of Delivery :

Quarterly visit and Emergency Visit Whenever required

Special Instructions:

Please release the purchase order to M/s Swacch Green Info Tech Pvt ltd
as per following Scope of Work

- 1- Single Colour LED Display System- 2 Nos (Ostapal and Kalarangiatta Mines)
 - 2- Vendor will provide 04 Quarterly visit+(01 Emergency visit) to do the maintenance of LED display board installed at your plant. He will do Preventive and breakdown maintenance for performance checking of LED board, components and other associated accessories. Customer has to provide lodging boarding and local travel to our engineers.
 - 3- Replacement of faulty spares of LED board and perform the, diagnostic checks, regular services of the system.
 - 4- Vendor has to provide all consumable and spares to reduce the downtime of LED display systems.
 - 5- Vendor service engineer will do one time diagnostic checks.
 - 6- In case of emergency, Vendor's engineer will attend the problem in 48 hour after receiving complaint from customer.
 - 7- 1. monthly reports send to the Environment Department
2. Project tracker to keep track of which data are transmitting to LED display system.
- GST NO-21ABACS6064Q1Z1
PAN NO-ABACS6064Q
EMAIL ID-swachhgreen@gmail.com

APPENDIX I : GENERAL TERMS AND CONDITIONS OF PURCHASE

A) GENERAL TERMS

1. This order shall constitute the contract between the Buyer and Seller.
2. Bills should be submitted directly to our Finance Office and one copy should be

PURCHASE ORDER CONTINUATION

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submitted to our Purchase Dept. In case of payments through bank, agreed to as a special case one copy of invoice should be sent in advance directly to Finance to facilitate clearing of documents. Failure to submit bills on the basis specified on the face of this order will cause delay in payment, but such delay in payment shall in no way affect the Buyer's right to any cash discount to be allowed on the price of goods supplied against this order.

3. Except where otherwise stated on the face of this order, payment will be made by the Buyer against invoice after 30 days of receipt of materials/bills whichever is later.

4. Unless it is otherwise specifically stated in the order all packages are free and non-returnable.

5. It is a condition of the contract (in addition to all conditions and warranties implied by law) that the said goods and/or works shall conform to the description and specification herein provided, shall be of goods quality and workmanship merchantable, adaptable for the purpose for which they are intended and free from any defects and that their sale or use does not infringe any Indian patent, registered design, trade mark or trade name.

6. Acceptance of any of the goods and/or works shall not discharge the Seller from liability for damages or other legal remedy for any breach of any condition or warranty contained herein or implied by law and if after acceptance the goods and/or works or any of them, suffer from any discrepancies or defects therein either in material, workmanship or otherwise become known to the Buyer and such defects amount to a breach of any condition or warranty hereunder or implied by law, the Buyer shall within four weeks after delivery notify the Seller of such defect, and shall (in addition to any other rights or remedies that the Buyer may possess) be entitled to reject the defective goods and/or works.

7. Rights and obligations under this order are not be assigned by the Seller without the consent of the Buyer, however, the Buyer shall be entitled to assign to any of its Associated Companies such rights and obligations at its option.

8. After notifications of rejection have been dispatched, the goods and/or works not accepted will be and remain the Buyer's premises or other premises under the Buyer's control on the account and sole risk of the Seller and if the Seller does not furnish disposal instructions within a reasonable time not exceeding four weeks from the date of posting of such notice of rejection, the Buyer may if it thinks fit either return the goods and/or works to the Seller or sell the said goods and or works either publicly or privately, at such price or prices as may be obtained for the same at the sole risk of the Seller, holding the Seller liable to refund the price in the case of the goods and/or works already paid, for all expenses in the case of credit transactions. The cost of freight and all other charges incurred or paid by the Buyer

PURCHASE ORDER CONTINUATION

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in respect of rejected goods/or works will be payable by the Seller to the Buyer on demand.

9. (a) The Buyer reserves the right to cancel this order or any part thereof.

(b) The Buyer shall be entitled to rescind the contract, wholly or in part, if delivery of the goods and/or works is not made in accordance with the terms of the contract, without taking any formal steps such as the sending of a formal demand notice, or otherwise. Time limit for despatch shall run from the date of acceptance of the order.

(c) The Seller shall be under no liability for failure to deliver and the Buyer from failure to accept deliveries of the goods and/or works hereunder or any part thereof when such failure is due to Act of God, State's enemies, fire, earthquake, floods, strikes, lockouts, transportation, embargoes or any other causes whatsoever beyond the control of Seller or the Buyer as the case may be.

(d) The Buyer assumes no obligation in relation to any goods and/or works delivered in excess of those specifically ordered.

10. The Buyer will not be liable in respect of any orders not given or confirmed on its official printed forms, duly signed by an Authorised Representative of the Buyer.

11. All sums payable by the Buyer to the Seller or by the Seller to the Buyer under the contract shall be due and payable at the Buyer's office in Panjim. The parties hereby agree that any suit to enforce the rights of either party under this purchase order shall only be instituted in and tried by the courts of ordinary civil jurisdiction in the city of Panjim and the Seller expressly agrees to submit to the jurisdiction of such courts.

12. It shall be the Seller's responsibility to deliver the goods and/or works through competent persons with all such equipments that may be required for safe delivery and the Seller shall also take all precautions to ensure that no injury or damage is caused to any person, whether employed by him or not, or to any plant, machinery or property of the Buyer.

13. The Seller shall indemnify the Buyer from all claims for injury that may be caused to any person by an act of the Seller or his agents or servants, whether employed by him or not, while in or upon the Buyer's premises and In respect of any other damages that may be caused to any plant, machinery or property of the Buyer in the course of delivery of the goods and/or work.

The price(s) mentioned on the purchase order are firm. If there is an imposition or levy by any State or Central Government or any local authority or an increase in the rate of tax or duty payable, after the contract is accepted then the tax or duty or

PURCHASE ORDER CONTINUATION

PO NO : 4920056652

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the increased tax or duty shall be borne by the Seller.

B. ORDER ACCEPTANCE : In accepting this Purchase Order, Seller agrees to furnish the goods specified in full accordance with all conditions set forth herein and/or attachments hereto. This formal Purchase Order constitutes the entire agreement and only written changes by way of an amendment will be legally binding. Within two days of receipt of this Purchase Order, Seller shall return a copy of this Purchase Order duly signed by an Authorized Signatory, dated and stamped on all pages, as an unconditional acceptance to all prices, terms and conditions. Any supply made by the Seller under this Purchase order without a formal order acceptance from the Seller will automatically constitute a legally binding Order Acceptance to all prices, Terms and conditions set forth herein.

C. PRICE FALL CLAUSE :

1. The prices charged for the goods/services supplied under this Order by the seller shall in no event exceed the lowest price at which the Seller sells or offers to sell the goods/services of identical description to any other organization, from the date of his offer till supply to Sesa Group of Companies.

2. If at any time, during the said period, the Seller reduces the sale price of such goods, or sells or offer to sell such goods to any other organization at a price lower than the price chargeable under this Order, the Seller shall forthwith notify such reduction to Sesa Group of Companies and the price payable under this Order, for the goods supplied after the date of coming into force of such reduction or sale, shall stand correspondingly reduced.

3. The Seller shall also furnish the following certificate to the Buyer along with his Final bill:-

#We certify that the goods/services of description identical to the goods/services supplied to Sesa Group of Companies under Order No. _____ dt. _____, have not been quoted & or accepted by us for supply to any other person /organisation against our offers submitted during the period _____ till _____, (Date of offer submitted by us to Sesa Group of Companies. till date of supply of goods/services) at a price lower than the price charged to Sesa Group of Companies.#

Failure in submission of aforesaid certificate by the Seller may result in withholding of the payment of their bills against supply.

D. RISK PURCHASE CLAUSE :

In the event of non-supply of material/equipment/service as per the delivery schedule indicated in the Purchase Order, we reserve the right to procure the material that are not supplied by you from an alternate source at your cost and risk

PURCHASE ORDER CONTINUATION

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E. GRIEVANCE REDRESSAL PROCESS

Sesa Goa Iron Ore Division realizes that quick and effective handling of complaints as well as prompt corrective & preventive actions to improve processes is essential to provide equitable & excellent service to all segments of Vendors (Material & Services) & Customers (Scrap & NPA). To achieve this, Sesa Goa Iron Ore shall strive to maintain following process for responding and final resolution to the customer complaints received.

Sesa Goa Iron Ore Division shall ensure that all the complaints received are recorded and resolved, but shall also ensure effective monitoring / escalation mechanism to the senior functionary responsible so as to make sure that none of the complaints remain unresolved.

Should you have a Complaint or a Grievance about our process, please contact our Commercial Manager for respective segments (Material & Services).

If your complaint / dispute is not redressed within a period of one month, you can write to the Grievance Redressal Cell either through an e-mail (grievance.sesacommercial@vedanta.co.in) or through a letter to:

Head Commercial
Vedanta Limited - Sesa Goa Iron ore Division
Metcoke Plant, Amona, Bicholim Taluka (Goa) - 403 107, India

The Commercial Department shall be responsible for providing adequate resolution to all escalated complaints received at their end.

Complaints shall be resolved in a proper and time bound manner with detailed advice to the vendor / customer. In case the resolution needs time, an interim response, acknowledging the complaint shall be issued.

F. ANTI-BRIBERY POLICY

1. The vendor or contractor shall comply with the Anti-Bribery and Corruption (AB&C) requirements as applicable to them.
2. The Company (Vedanta Limited) shall have a right to initiate "audit proceedings" against the vendor or contractor to verify compliance with Anti-Bribery and Corruption (AB&C) requirements. Such audit may be carried out by the Company or by a reputed agency to be appointed by the Company at the sole discretion of the Company. The vendor or contractor shall extend full cooperation for smooth completion of the audit mentioned herein.
3. Notwithstanding anything in this contract, the Company shall have right to terminate the contract forthwith in case, it is found that the vendor has failed to comply with AB&C requirements as envisaged in the vendor code.

G. WHISTLE BLOWER POLICY

POLICY

There is an opportunity to submit/report 'Complaints' pertaining to the following areas such as:

a) Fraud (an act of willful misrepresentation which would affect the interests of the concerned) against investors, securities fraud, mail, wire fraud, bank fraud, or fraudulent statements to the Securities and Exchange Board of India (the "SEBI"), the U.S. Securities and Exchange Commission (the "SEC"), the relevant stock exchanges, any other relevant authority or members of the investing public.

b) Violations of any rules and regulations applicable to the Company and related to accounting and auditing matters.

c) Intentional error or fraud in the preparation, review or audit or any financial statement of the Company.

d) Any violation to the Company's ethical business practices as specified in the Company's Code of Conduct Policy.

e) Any other event which would affect the interests of the business investing public.

The Company will protect the confidentiality and anonymity of the complainant to the fullest extent possible with an objective to conduct an adequate review. External stakeholders such as vendors, customers, business partners etc. have the opportunity to submit 'Complaints'; however, the Company is not obligated to keep 'Complaints' from non-employees confidential or to maintain the anonymity of non-employees. We encourage individuals sending 'Complaints'/raising of any matter to identify themselves instead of sending anonymous 'Complaints' as it will assist in the effective complaint review process.

Post review, if the complaint is found to be have been made with malafide intention, stringent action will be taken against the complainant. We encourage reporting genuine 'Complaints' and those submitted in true faith.

All the 'Complaints' under this policy should be reported to the Group Head - Management Assurance, who is independent of operating management and businesses. The contact details are as follows:

Group Head - Management Assurance,

Vedanta, 75 Nehru Road

Vile Parle (E), Mumbai 400 099

Tel No. +91- 22 - 66461000

Fax No. +91- 22 - 66461450

Complaints' can also be sent to the designated E-Mail ID:

sgl.whistleblower@vedanta.co.in; the custodian of E-Mail ID will be Group Head - Management Assurance.

H. CARBON AND ENERGY POLICY

We strive to:

1) adopt, implement and maintain best available technology, processes and practices for carbon and energy management and minimizing greenhouse gas emissions across all our activities/operations.

2) measure and improve our energy usage and carbon emissions from all our activities and operations, optimize energy consumptions through adoption of energy efficient, innovative techniques and minimize carbon emission. Report carbon emissions in conformance with the internationally recognized protocols.

3) emphasize energy efficiency as a factor in process, operations and facility design.

4) explore opportunities for adoption and implementation of renewable sources of energy.

5) create awareness on energy conservation and minimization of greenhouse gas emission to employees and relevant stakeholders.

I. SUPPLIER CODE OF CONDUCT

This Supplier Code of Conduct is applicable to all 'Suppliers' globally. 'Supplier' here refers to suppliers/ service providers/ vendors/ traders / agents/ consultants/ contractors/ joint venture partners/ third parties including their employees, agents and other representatives, who have a business relationship with and provide, sell, seek to sell, any kinds of goods or services to Vedanta Resources Plc or any of its subsidiaries, affiliates, divisions ("Vedanta").

This Code sets forth the basic requirements that we ask our Suppliers to respect and adhere to when conducting business with Vedanta. This Code embodies Vedanta's commitment to internationally recognized standards, including the Core Conventions of the International Labour Organization, United Nations' Universal Declaration of Human Rights as well as prevalent industry standards, and all other relevant and applicable statutory requirements concerning Environment Protection, Minimum Wages, Child Labour, Anti-Bribery, Anti-Corruption, Health and Safety, whichever requirements impose the highest standards of conduct.

" LABOUR & HUMAN RIGHTS

Adhering to all Labour Laws and Human Rights Laws, Suppliers shall:

- Comply with all applicable local, state and national laws regarding human rights.
- Comply with the Company's Human Rights Policy.
- Ensure that all their employees are hired on their own free will and guarantee that all their operations are free from forced, bonded, compulsory, indentured, prison labour or any other form of compulsory labour and child labour.
- Ensure that all its employees are provided equal employment opportunities, an environment conducive to their growth, free from any form of discrimination and harassment.
- Ensure compliance with minimum working hours and minimum wages prescribed by

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applicable laws and regulations.

- Comply with all slavery and human trafficking laws. Suppliers must ensure they have taken steps to ensure their business operations are free from slavery and human trafficking practices both internally and within their supply chains and other external business relationships.
- Ensure that employees are not be charged any fees or costs for recruitment, directly or indirectly;
- Not confiscating or withholding worker identity documents or other valuable items, including work permits and travel documentation of any of its workers/ employees.

HEALTH, SAFETY & ENVIRONMENTAL SUSTAINABILITY

- The Supplier shall provide its employees with a safe and healthy working environment and comply with all applicable laws and regulations regarding working conditions.
- Supplier shall follow all Environmental, Health and Safety and other operational policies of the Company while executing any work or contract at the company site.
- Supplier shall follow all laws of the land including laws on Environment sustainability and protection while executing any work for the Company.

BUSINESS INTEGRITY

Anti-Bribery: The Supplier shall not, directly or through intermediaries, take any recourse to any unethical behaviour (implicit or explicit), or offer or promise any personal or improper advantage in order to obtain or retain a business or other advantage from a third party, whether public or private, including with any employee of Vedanta. More specifically:

- Shall not offer or accept bribe or use other means of obtaining undue or improper advantage, offer or accept any kickbacks, and shall not take any actions to violate or cause its business partners to violate any applicable anti-bribery laws and regulations including the Foreign Corrupt Practices Act of USA (FCPA), Bribery Act of United Kingdom and Prevention of Corruption Act of India.
- Shall not take any advantage of any family/ social/ political connections to obtain favorable treatment or for the advancement of business or obtaining any favours. Merit shall be the sole attribute of association with Vedanta.
- Shall not enter into a financial or any other relationship with a Vedanta employee that creates any actual or potential conflict of interest for Vedanta. The Supplier is expected to report to Vedanta any situation where an employee or professional under contract with Vedanta may have an interest of any kind in the Supplier's business or any kind of economic ties with the Supplier.
- Shall not offer any gift, hospitality or entertainment for the purpose of obtaining any advantage, order or undue favor.

Unfair Trade Practices: Supplier shall desist from any unfair or anti-competitive trade practices.

REPORTING OF UNETHICAL PRACTICES AND GRIEVANCE ADDRESSAL MECHANISM

The Supplier shall ensure that an effective grievance procedure has been established to ensure that any worker/ employee, acting individually or with other workers, can submit a grievance without suffering any prejudice or retaliation of any kind.

Suppliers shall also forthwith report any unethical activity or discrimination if practiced by any Vedanta employee/other Suppliers as per Vedanta whistle-blower policy (uploaded on the company website).

INTELLECTUAL PROPERTY

The Supplier shall take appropriate steps to safeguard and not infringe any Vedanta confidential and proprietary information/intellectual property/ technology which come to its knowledge during the course of its business relationship/ dealings with Vedanta. In case of sub-contracting, sharing of confidential information should be made with the consent of Vedanta.

THIRD PARTY REPRESENTATION

The Suppliers shall not be authorized to represent Vedanta or to use Vedanta's brands without the written permission of Vedanta. Third parties and their employees who are authorized to represent Vedanta are expected to abide by the Vedanta's Code of Conduct & Business Ethics Policy in their interaction with, and on behalf of Vedanta including the confidentiality of information shared with them and to sign a non-disclosure agreement to support confidentiality of information.

PROHIBITION ON INSIDER TRADING

If the Supplier becomes aware of material, non-public information relating to Vedanta or its business, it may not buy or sell Vedanta securities or engage in any other action to take advantage of that information, including passing that information on to others. In addition, if the Supplier becomes aware of material, non-public information about any other company, including Vedanta customers, suppliers, vendors or other business partners, that is obtained by virtue of the supplier's interaction with Vedanta, then the Supplier shall not buy or sell that company's securities or engage in any other action to take advantage of that information, including passing that information on to others.

SUPPLIER'S COMPLIANCE COMMITMENT

Vedanta expects the Supplier to adhere to all applicable laws and regulations and in particular comply with this Code in letter and spirit. It is the Supplier's responsibility to read and understand the contents of this Code and Vedanta's Code of Conduct & Business Ethics Policy. As a condition of doing business with Vedanta,

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the Supplier must comply with this Code and agree to uphold such values during its business association with Vedanta.

The Supplier shall maintain adequate documentation to demonstrate compliance with the principles of this Code, and allow access to Vedanta to check compliance upon request with reasonable notice.

The Supplier shall notify Vedanta regarding any known or suspected improper behaviour by the Supplier relating to its dealings with Vedanta, or any known or suspected improper behaviour by Vedanta employees.

Please contact the concerned Head commercial/ Company Secretary if you have any questions about this Code.

J. COMPLIANCE UNDER SA 8000

The contractor shall comply with SA8000 which covers the following areas of accountability:

1. Child labour: No workers under the age of 15; minimum lowered to 14 for countries operating under the ILO Convention 138 developing-country exception; remediation of any child found to be working.
2. Forced labour: No forced labour, including prison or debt bondage labour; no lodging of deposits or identity papers by employers or outside recruiters.
3. Health and Safety: Provide a safe and healthy work environment; take steps to prevent injuries; regular health and safety worker training; system to detect threats to health and safety; access to bathrooms and potable water.
4. Freedom of Association and Right to Collective Bargaining: Respect the right to form and join trade unions and bargain collectively; where law prohibits these freedoms, facilitate parallel means of association and bargaining.
5. Discrimination: No discrimination based on race, caste, origin, religion, disability, gender, sexual orientation, union or political affiliation, or age; no sexual harassment.
6. Discipline: No corporal punishment, mental or physical coercion or verbal abuse
7. Working hours: Comply with the applicable law but, in any event, no more than 48 hours per week with at least one day off for every seven day period; voluntary overtime paid at a premium rate and not to exceed 12 hours per week on a regular basis; overtime may be mandatory if part of a collective bargaining agreement.
8. Compensation: Wages paid for a standard work week must meet the legal and industry standards and be sufficient to meet the basic need of workers and their families; no disciplinary deductions.

K. CONTRACT WORKMEN AND TRANSPORTERS PERSONNEL

Contract Workmen and Transporters shall not be allowed to carry mobile phones inside plant premises. Only supervisors are allowed to carry the mobile phones inside the plant and within designated areas only. In the event of failure to follow these guidelines, Vedanta shall levy penalty @ Rs. 500/- per instance and any repeated instances shall lead to further disciplinary action, including suspension of the contract.

L. COMPLIANCE WITH "Supplier's Code of conduct" and "Insider Trading Policy"

The supplier confirms that he has read VEDANTA LTD's Supplier Code of Conduct and Insider Trading Prohibition Policy, a copy of which is also available at <http://www.vedantalimited.com/investor-relations/corporate-governance.aspx?searchtext=PoliciesPractices> which includes (i) measures for prevention of corrupt practices, unfair means and illegal activities, including compliance of all anti-bribery, anti-corruption regulations under Foreign Corrupt Practices Act (FCPA), UK Bribery Act, 2010 (UKBA) amongst others; and (ii) adherence to the SEBI (Insider Trading Prohibition) Regulations, 2015 which includes ensuring that it and its employees and associates do not trade in the securities of Vedanta Limited based on any Unpublished Price Sensitive Information#. The Supplier confirms that he has read the relevant policies at the time of entering into this Purchase Order and will ensure he is updated on any changes in it and will abide by the terms thereof to the fullest extent at all times.

M) HUMAN RIGHTS ADHERENCE

Vedanta expects its business partners to adhere to the specific requirements of the Human Rights Policy of the Vedanta group and to apply these expectations in dealing with their respective supply chains.

The Business Partner warrants and represents that it will strive to abide by below mentioned requirements, at a minimum :

- To Uphold human rights aligned with national and international regulations as applicable including compliance with international labour law or the country of operation whichever is stringent, on working hours, payment of fair and reasonable remuneration, respect the right to form and join trade unions and bargain collectively and all legally mandated benefits.

- Under no circumstances use, or in any other way benefit, from forced labour (indentured servitude, bonded, prison or otherwise), or child labour.

- To be an equal opportunity employer and there shall be no discrimination in hiring or employment practices on the grounds of race, caste, colour, religion, gender, age, physical ability, sexual orientation, or union or political

affiliation.

- Provide a safe and healthy working environment, including as applicable safe housing conditions, presenting no immediate hazards. As minimum, clean water, sanitation, essential safety equipment, emergency exits and medical care must be provided.

- Comply with all applicable legal environment requirements including permits and registrations, implementation of sound measures to prevent pollution and minimise generation of solid waste, wastewater and air emissions must be adopted. Business partner will ensure the implementation of international certification of Environment, Health & Safety, and Social Responsibility in stipulated time frame and demonstration of continual improvement.

N) CORPORATE POLICY DIRECTIVE - POSSESSION CONTRABAND ITEMS

It is the policy of Vedanta to maintain a safe work environment for its employees. To this end, the possession of any illegal drug, drug paraphernalia, alcoholic beverage, explosive, weapon or any other similar item or substance which could cause or contribute to injury to Vedanta personnel or damage to its property ("contraband") is strictly prohibited at work locations or other business premises ("work areas") of Vedanta. This policy may be implemented by such reasonable means as may from time to time be determined appropriate, including searches of the person and personal effects of any person.

Compliance with this policy is a condition of employment of Vedanta and employees who decline to be searched or who are otherwise found in violation of this policy will be subject to immediate termination. Non-employees who decline to be searched or are otherwise found in violation of this policy or Vedanta's Substance Abuse Policy will be excluded from Vedanta work areas. Below is a Notice outlining Vedanta's Substance Abuse Policy.

DRUGS, ALCOHOL, FIREARMS, SEARCHES

Vedanta is concerned about the effects of the use of illegal drugs and the abuse of alcohol on the health and safety of its employees. We recognize that alcoholism and the illegal use of drugs leads to increased accidents and medical claims, and can lead to the destruction of an employee's health, and adversely affect his or her personal life. Employees who abuse drugs and alcohol are a danger not only to themselves, but also to their fellow employees. In addition, the medical costs incurred by employees with drug or alcohol problems are much higher than those of other employees, and the decreased productivity of these individuals can adversely affect a company's ability to operate competitively. To help prevent substance abuse among our employees, Vedanta has a policy and practice of testing applicants, employees, and others that may regularly work in or on Vedanta premises.

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Applicants for employment will be required to undergo a drug-screening test as part of consideration for employment. Employees and others will be required, under certain circumstances, to cooperate with drug testing procedures and drug searches.

The unauthorized possession or use of illegal, drugs, narcotics, alcohol and firearms is not permitted on any Vedanta property or job site that is not Vedanta property, and the use of, possession of, and/or distribution of such items by any person on any Vedanta installations, property, or facilities poses a serious threat to the safety of our employees, other personnel and operations.

SEARCHES, INSPECTIONS, AND ANALYSES

We reserve the right, at all times, to have authorized personnel conduct reasonable searches or inspections on Vedanta property of personal effects, lockers, baggage, vehicles, and quarters of employees and other personnel for the purpose of determining if any such persons are in possession of any illegal or unauthorized items. These searches will be conducted in cases where the Vedanta receives reliable information indicating that reasonable cause exists to conduct a search.

Any Vedanta employee who refuses to submit to a search, urin alysis, blood test, or who is found in possession of any such illegal or unauthorized items without an explanation satisfactory to us will be subject to disciplinary action up to and including immediate discharge.

When appropriate, such items discovered through these Vedanta searches may be taken into custody and may be turned over to the proper law enforcement authorities.

O) Compliance under Mines Act :

1. Prepare written Safe Operating Procedure (SOP) for the work including an assessment of risk and safe methods to deal with it/them.
2. Provide copy of SOP to the person designated by the mine owner to supervise the contractor's work.
3. Keep an up to date SOP and provide a copy of changes to a person designated by the mine owner.
4. Ensure that all work is carried out in accordance with the Statue and SOP and for the purpose he may deploy adequate qualified and competent personnel for the purpose of carrying out the job in a safe manner.
5. For work of a specify scope/nature, develop and provide to the mine owner a site specific Code of Practice (COP).
6. Ensure that all sub-contractors hired by him comply with the same requirement as the contractor himself and shall be liable for ensuring the compliance all safety laws by the sub or sub-sub-contractors.
7. All persons deployed by the contractor for working in mine must undergo vocational training, initial medical examination, PME. They should be issued cards

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stating the name of the contractor and the work and its validity period, indicating status of VT & IME.

8. Every person deployed by the contractor in a mine must wear safety gadgets to be provided by the contractor. If contractor is unable to provide, owner, agent and manager of the mine shall provide the same.

9. The contractor shall submit to DGMS returns indicating - Name of his firm, Registration number, Name and address of person heading the firm, Nature of work, type of deployment of work persons, Number of work persons deployed, how many work persons hold VT Certificate, how many work persons undergone IME and type of medical coverage given to the work persons. The return shall be submitted quarterly (by 10th of April, July, October and January) for contracts of more than one year. However, for contracts of less than one year, returns shall be submitted monthly.

APPENDIX II : STANDARD TERMS & CONDITIONS FOR MASTER PROCUREMENT AGREEMENT

This PURCHASE ORDER / MASTER PURCHASING/ PROCUREMENT AGREEMENT (MPA) (hereinafter the "Agreement") made on Purchase Order (PO) Date

BY AND BETWEEN

Vedanta Limited (Formerly known as Sesa Sterlite Limited / Sesa Goa Limited) / Sesa Resources Limited / Sesa Mining Corporation Limited, a company incorporated under the provisions of the Indian Companies Act, 1956 and having its registered office at Sesa Ghor, 20 EDC Complex, Patto, Panjim - Goa - 403001, hereinafter referred to as (the "Company/Purchaser") which expression shall, unless repugnant to or inconsistent with the context or meaning thereof, shall include its successors and assigns) of the ONE PART;

AND

Vendor (hereinafter referred to as "Supplier", which expression shall, unless repugnant to the context or meaning thereof, mean and include its successors and permitted assigns) of the OTHER PART.

The Company/Purchaser and the Supplier shall be individually referred to as the "Party" and collectively as the "Parties".

AND WHEREAS the Supplier has approached the Company and offered to provide such materials as specified in the Scope of Services of this Agreement detailed in ANNEXURE-I (hereinafter for the sake of brevity referred to as the "Material or Services (as relevant)" and has represented that it has the necessary expertise, infrastructure and experience to efficiently provide such Material or Services to the Company;

AND WHEREAS based on the said representation, the Company has agreed to seek the Material or Services from the Supplier on a non-exclusive basis as per the terms and conditions detailed herein

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NOW THEREFORE, IN CONSIDERATION OF THE PREMISES AND MUTUAL COVENANTS HEREIN CONTAINED, THE PARTIES HAVE AGREED AS FOLLOWS:

1. DEFINITIONS & INTERPRETATION

1. DEFINITIONS

In this Agreement, except where the context otherwise requires, capitalised words and expressions set out in the background section above shall have the meanings set out in that section and the following words and expressions shall have the following meanings:

1.1.1 "Affiliate" shall mean with respect to any person, any other person that, directly or indirectly, controls, is controlled by or is under common control of such specified person. For the purposes of this definition, "control" means the direct or indirect beneficial ownership of more than fifty percent (50%) of the issued share capital, stock or other participating interest or the legal power to direct or cause the direction of the general management, of the company, partnership or other person in question, and "controlled" shall be construed accordingly;

1.1.2 "Agreement" means this Agreement entered into by and between the Parties hereto together with any and all Annexures, appendices, schedules, addendums and amendments hereto as well any Purchase Order(s) issued thereunder, signed by the authorized representative of the Parties shall be deemed to be read as an integral part of this Agreement.

1.1.3 "Claims" shall mean all claims, liabilities, costs, damages and expenses (including court costs and legal fees)

1.1.4 "Deleterious material" shall mean any element, compound present in the goods which is not part of standard Specification or a typical assay as per the purchase order or agreement and which is likely to cause or may in general probability cause harm or damage to the operations of the Purchaser and also restricts or affects performance of the goods as per the desired / industry / specified standards.

1.1.5 "Effective Date" shall be as specified in the Purchase Order

1.1.6 "Fees" shall mean the prices and/or rates payable by the Company in respect of the Material or Services and/or as specified in Annexure-II and/or the relevant Purchase Order.

1.1.7 "Material" shall mean the goods, equipment, or products (or parts thereof) to be purchased or to be supplied in accordance with this Agreement and/or as specified in the Purchase Order.

1.1.8 "Governmental Authority" shall mean any governmental department, local authority, commission, board, bureau, agency, regulatory authority, instrumentality, court or other judicial or administrative body, central, state, provincial or local having jurisdiction over the matter or matters in question.

1.1.9 "Personnel" shall mean any personnel provided by Supplier and utilized to perform the Services at the specified / agreed location.

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- 1.1.10 "Purchase Order" shall mean (i) the written instruction by Purchaser issued to Supplier for the provision of Material or Services under this Agreement, which shall include the specific requirements with respect to the scope of work, applicable rates and charges and the location of the Site; and (ii) if applicable, the oral instruction under this Agreement which shall be reduced to writing as soon as practicably possible including the specific requirements described above.
- 1.1.11 "Purchasing Group" shall mean and include Purchaser and its Affiliates.
- 1.1.12 "Representative" in respect of the Purchaser and the Supplier to include the persons so identified on the Purchase Order as their representative or such other person(s) notified by the Purchaser or the Supplier in writing to the other from time to time, which will include amongst others consultants engaged by the Party or any Affiliate of the Supplier having commonality of interest with the Supplier.
- 1.1.13 "Services" means the tools, equipment, materials, supplies and Personnel to be provided by Supplier and the work to be carried out as specified in the Agreement and/or any Purchase Order. Provided however, that the same shall not include purchase / sale of Material.
- 1.1.14 "Site" shall mean the location where Purchaser wishes Supplier to supply the Material and/or provide the Services.
- 1.1.15 "Specification" includes but is not limited to assays whether typical or otherwise or the scope or technical parameters of the Material or Services attached to or referred to in this Agreement and/or any Purchase Order. Further Specification shall, in case of Material, always include being free from Deleterious material.
- 1.1.16 "Supplier Group" shall mean and include Supplier, its Affiliates and its and their sub-suppliers and suppliers of any tier and its and their respective Affiliates.
- 1.1.17 "Term" the term of this Agreement is defined in Clause 2 of this Agreement.
- 1.1.18 "Trade Usage" refers to generally accepted practice or norms in relation to expected standards, permissible deviation, internationally accepted scientific data, foreseeable consequences attributable to deviation beyond permissible deviation established over a period of time in course of commercial dealing between the parties to this Agreement or their associates.

1.1 INTERPRETATION

In this Agreement:

- 1.2.1 Headings are for convenience only and shall not govern or affect the interpretation of the Agreement;
- 1.2.2 Except where the context otherwise requires, references to one gender include all genders and the singular includes the plural and vice versa;
- 1.2.3 Except where the context otherwise requires, references to any enactment shall include references to such enactment as re-enacted, amended or extended and any sub-ordinate legislation made under it;
- 1.2.4 References to persons include companies, corporations, partnerships, associations, and other organizations whether or not having a separate legal personality;

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1.2.5 Except where otherwise indicated, reference to clauses, sub-clauses, recitals and annexures shall be to the clauses, sub-clauses, recitals and Annexures of this Agreement;

1.2.6 "including" means "including without limitation";

1.2.7 The rule of construction, if any, that a contract should be interpreted against the Party responsible for the drafting and preparation thereof shall not apply;

1.2.8 If the day on which any act, matter or thing is to be done under or pursuant to this Agreement is not a business day as per Trade Usage, that act, matter or thing shall be done on the preceding business day.

2. SCOPE OF CONTRACT

2.1 The effective date of this Agreement shall be PO Date (hereinafter the "Effective Date") and this Agreement shall be valid for a period as specified in the Purchase Order ("Term").

2.2 The terms and conditions of the Agreement shall apply from the Effective Date and shall remain valid for the Term unless this Agreement is terminated earlier by the Company hereunder.

2.3 Nothing in this Agreement shall obligate the Purchaser or any of its Affiliates to order any Material or Services from the Supplier.

OPTION: From time to time, the Company may issue a Purchase Order to the Supplier specifying the Materials to be provided or Services to be performed by Supplier. Supplier's written acknowledgement (through letter, email or the like), shipment or performance under any Purchase Order, or any part thereof, will constitute acceptance by Supplier of all terms and conditions of the Purchase Order without any reservation.

3. DELIVERY/PERFORMANCE

3.1 Time shall be of the essence and any Services performed or Materials delivered shall be in strict accordance with any time or schedule as specified in the Purchase Order. Further, Services performed or Materials so delivered shall be in strict accordance with the quality parameters and Specifications, specified in this Agreement and/or the Purchase Order or the relevant Trade Usage where no such parameters and Specifications are so specified.

4. CARRIAGE AND DELIVERY INSTRUCTIONS RELATING TO MATERIAL

4.1 Unless otherwise specified herein, the International Chambers of Commerce official rules for the interpretation of trade terms (Incoterms) are incorporated into the Agreement by reference.

4.2 The delivery instructions shall be governed by and construed in accordance with the provisions of Incoterms 2010 published by the International Chamber of Commerce as

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may be amended from time to time.

4.3 Unless otherwise stipulated in this Agreement and/or Purchase Order, all Material supplied under the Purchase Order shall be delivered Carriage and Insurance Paid (CIP) to the delivery address specified in this Agreement and/or Purchase Order. Material shall be adequately packed, palletised and protected to withstand transit and short term storage. Packages shall be clearly and conspicuously marked with the Purchase Order number, and a packing note shall be enclosed within the package. Dangerous Goods shall, at all times, be accompanied by the relevant material safety data sheet(s) ("MSDS").

5. TRANSPORTATION RELATING TO SERVICES

In the event Services are provided, Supplier shall, unless otherwise stipulated in the Purchase Order, be responsible for all transportation of the Personnel, equipment and materials from and to Supplier's base, or other location, to and from any Site designated in the Purchase Order. Purchaser reserves the right to recover the costs of non-routine transportation due to default of Supplier.

6. RISK AND PROPERTY

6.1 Unless otherwise stipulated in such Purchase Order, title to and risk of loss for the Goods shall remain with Supplier and shall only pass to Purchaser following full delivery and acknowledgement by possession of the Material to the delivery address by Purchaser or Purchaser duly authorized representative specified in the Purchase Order.

6.2 Whenever Purchaser is not the ultimate consumer of the Material, all rights, benefits and remedies conferred upon Purchaser by the provisions of this Agreement, including specifically the benefit of any warranties and transfer of title, shall accrue to and shall be for the express benefit of any third party customer and on whose behalf or for whose benefit the Purchaser has purchased the Material.

7. PERFORMANCE OF THE SERVICES

7.1 The Supplier shall diligently perform all Services with all due skill and care in a safe, competent and timely manner and in accordance with the requirements of this Agreement and/or relevant Purchase Order.

7.2 Except to the extent that it may be legally or physically impossible, the Supplier shall comply with all instructions from Purchaser or its designated personnel consistent with the provisions of this Agreement and /or the Purchase Order.

7.3 Purchaser shall have the option to select or decline any Personnel being

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used by the Supplier in connection with the supply of Materials or provision of Services, which shall not be unreasonably exercised, and the Supplier shall forthwith replace such Personnel at the Supplier's cost and shall:

(a) Only provide Personnel who shall be trained, skilled, experienced, qualified and of type and number for the Services that they will be required to perform;

(b) Ensure that all Personnel shall have been examined by a registered physician in accordance with current recommended medical standards and be certified as fully fit and suitable to work in the specified Site environment prior to commencing work. The cost thereof shall be to the account of the Supplier. Such certificates shall be made available to Purchaser;

(c) Supplier shall not reassign any key Personnel during the course of performing the Services without first securing Purchaser's written consent. Purchaser in its sole discretion may direct Supplier in writing to remove and/or replace any such Personnel at Supplier's cost; and

(d) ensure that all Personnel are subject to and agree to be bound by Purchaser's policies regarding safety, security, and drug and alcohol testing, and in particular the Vedanta Corporate Policy Directive ("Possession of Contraband Items") attached hereto as EXHIBIT A and related policies at any time when such Personnel are present at the Site, provided said Corporate Policy Directive and/or its related policies are not in violation of applicable statutes, laws, rules or regulations.

7.4 Unless otherwise specified in the Purchase Order, the Supplier shall, at its own expense, sufficiently furnish all tools, equipment, machines, appliances, parts, material and supplies necessary for the efficient and continuous performance of its obligations. Throughout the Term the Supplier covenants that equipment supplied by it will be fully certified, will meet all relevant government standards, will have been tested and will be in full working order without any damage or defect.

7.5 The Supplier shall, at its own expense, furnish to its Personnel all personal protective equipment ("PPE") including, but not limited to, gloves, hard hats, safety glasses, steel toed boots and task specific safety gear (e.g., fall protection, respiratory protection, radios, tripods, etc.), etc., necessary for the performance of its obligations at the Site. All Supplier equipment to be used at heights shall be tethered, no-drop tools specifically engineered and manufactured for the purpose of working at heights. Supplier shall maintain all PPE and no-drop tools in first class condition, properly maintained, of best quality for their respective purpose, free from defects and in certification throughout the duration of the Purchase Order. Purchaser shall have the option to suspend work at no additional cost to Purchaser and/or to remove any or all Personnel from the Site should such Personnel fail to comply with these requirements and Supplier shall forthwith replace such Personnel at Supplier's sole cost and expense.

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7.6 Purchaser shall have no direction or control of such parties, except for monitoring the results to be obtained and in Purchaser's general right of inspection to require that the Material are being supplied or Services are being performed in accordance with this Agreement or any applicable Purchase Order.

8. PAYMENT

8.1 Unless otherwise stated, payment will be made within forty-five (45) days of receipt of Supplier's fully compliant invoice, in the currency specified in ANNEXURE-II. Each invoice shall make specific reference to the Agreement and/or relevant Purchase Order number and shall be accompanied by all relevant supporting documents. Supplier must ensure that all invoices for Services performed or Material delivered are submitted to the Company within ninety (90) days of completion.

8.2 If Purchaser disputes all or any part of any invoice, it shall notify Supplier specifying the disputed parts thereof. Supplier shall withdraw the disputed invoice and submit an amended invoice for the undisputed amount and Purchaser shall pay this amount within forty-five (45) days of the date of receipt of the amended invoice. Purchaser and Supplier shall endeavour to settle the disputed amount as quickly as possible through good faith negotiations.

8.3 The Purchaser shall have a right (but not an obligation) to set-off / adjust any payment due from the Supplier against any amount due / payable to the Supplier from the Purchasing Group.

9. ACCESS

9.1 Purchaser shall have the right of access to Supplier's premises to inspect the progress of manufacture, testing and commissioning of the Material and / or the performance of Services to otherwise satisfy itself as to compliance of the Material and/or Services with the Agreement. Supplier shall procure similar rights of access for Purchaser at the premises of any sub-supplier. Inspection of the progress of manufacture, testing and commissioning of the Material and the performance of the Services by Purchaser shall in no way relieve Supplier of its liabilities and obligations under the Agreement or otherwise.

10. SUSPENSION

10.1 Notwithstanding anything to the contrary in this Agreement, Purchaser may, at its sole discretion, suspend this Agreement / any Purchase Order, in whole or in part, upon twenty-four (24) hours written notice to Supplier for any reason whatsoever. The Purchaser shall promptly notify the Supplier in writing of the same.

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10.2 In the event of written notice pursuant to Clause above, Supplier's failure to perform the Purchase Order to the standards required by the Purchase Order and Supplier's material breach of any of its obligations under the Agreement, no payment shall be due by Purchaser in respect of such order/Purchaser order, or, in the case of suspension, until the failure or breach has been remedied to the reasonable satisfaction of Purchaser.

10.3 Subject to Clause above, in the event of suspension of a Purchase Order, the Material being supplied under such Purchase Order shall, at Purchaser's discretion, either be delivered to the delivery address or shall be securely and separately stored at Supplier's premises, at Purchaser's sole cost and expense, and marked as the property of Purchaser until either the manufacture and/or provision of such Material is resumed or Purchaser terminates the Purchase Order and instructs Supplier with regard to the disposal of the Material stored at Supplier's premises. The proceeds of the disposal shall be adjusted against any compensation payable hereunder.

11. SUPPLIER OBLIGATIONS

11.1 The Supplier warrants that the Material and Services shall:

(a) conform to the Specifications which the Supplier warrants to be accurate and complete in all material respects and not misleading;

(b) comply with any applicable quality standards and/or other standards or Specifications as requested by the Purchaser and these standards/specifications shall not be changed without the prior written consent of the Purchaser;

(c) in the case of Material, be of the best available design, of the best quality and workmanship and shall be free from fault or defect (including latent defect), with such tolerances as specifically stated in the Specification or on the drawings;

(d) in the case of Material, be complete and fully operational and shall be delivered with all parts (and also those parts that are not specified but which are required for proper operation and also including the usual safety devices, special tools etc. as per Trade Usage);

(e) in the case of Material, when delivered, be accompanied by a delivery note which shows, inter alia, the Agreement/Purchase Order number, date of ordering, number of packages and contents and, in the case of part delivery, the outstanding balance remaining to be delivered, be clearly marked as such;

(f) be accompanied by all appropriate information, warnings, instructions and documentation in relation to the safe use, handling, storing, operation, consuming, transportation and disposal of any Material or parts, to the Purchaser; and

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(g) in the case of the Services, be performed with all due and reasonable care and skill, in accordance with generally recognized best industry practices and standards for similar services;

11.2 The Supplier further warrants that the Material and Services shall conform with all laws applicable to:

(a) such Material, including as regards the design, manufacture, quality, packaging, transportation, delivery, labelling, health, safety and environmental standards and use of such Material which are in force at the time of supply; and/or

(b) such Services including but not limited to those in relation to health, safety and environmental standards.

11.3 The Supplier warrants that it shall at all times and at its own expense:

(a) maintain all necessary licenses and consents and comply with all applicable law in performance of the Agreement;

(b) adopt safe working practices and at the proper time supply and install such guards and safety devices as may be necessary to comply with the provisions of all health and safety laws;

(c) shall not endanger the safety of or unlawfully interfere with the convenience of any other person, including employees and/or other contractors of the Purchaser in the performance of the Agreement;

(d) ensure that, in performing its obligations under the Agreement, it does not cause any disturbance or damage to the industrial operations and property at the relevant site;

(e) comply with the Purchaser's conditions (including but not limited to health and safety conditions, safety management systems, safety cases, hygiene policies and security policies) in relation to any relevant Site;

(f) assist the Purchaser and its representative in the investigation of any accident or incident or the resolution of any dispute, which assistance shall include, but not be limited to, providing access to documents and records and providing information reasonably requested by the Purchaser;

(g) notify the Purchaser's representative promptly as soon as it becomes aware of any breach of laws or any health and safety or issue which arises in relation to the Material or Services (which notification shall not release the Supplier from any liability and/or obligations in respect of such breach, hazard or issue);

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(h) notify the Purchaser's representative promptly after it becomes aware that the Purchaser is not or may not be complying with any of the Purchaser's obligations, provided that the Supplier shall not be entitled to rely on such notice as relieving the Supplier's performance under the Agreement, save to the extent that it actually restricts or precludes performance of the Supplier's obligations.

(h) co-operate with the Purchaser in all matters relating to the Services;

11.4 The representations and warranties mentioned herein shall survive any inspection, test, performance, acceptance or payment pursuant to the Agreement and shall be extended to any repaired or replaced Material or substituted or remedial Services provided by the Supplier.

11.5 Without prejudice to any other rights which Purchaser may have hereunder, Supplier shall, at Purchaser's option and Supplier's cost, either repair or replace any and all Material which fail or are found to be defective within a period of eighteen (18) months from the date of delivery or twelve (12) months from the date of commencement of use, whichever is the later. If Supplier is required to repair or replace defective Material, the warranty period shall be renewed for the repaired or replaced Material.

11.6 If the Supplier fails to rectify such breach in supply of the Material or Services, which being capable of remedy is not remedied within fourteen (14) days of notice of such default, the Purchaser may at its discretion and without prejudice to other rights and remedies under this Agreement or otherwise, avail itself of any one or more of the remedies as hereunder:

(a) reject the Material (in whole or in part) and return them to the Supplier at the risk and cost of the Supplier on the basis that the Supplier shall immediately pay to the Purchaser a full refund for the Material so returned;

(b) give the Supplier the opportunity at the Supplier's expense either to remedy any defect in the Material or Services or to supply replacement Material or substitute Services and carry out any other necessary work to ensure that the terms of the Agreement are fulfilled within a reasonable period specified by the Purchaser;

(c) refuse to accept any further deliveries of the Material or subsequent performance of the Services which the Supplier attempts to make, in each case without any liability to the Purchaser;

(d) carry out or procure that some other person carries out at the Supplier's expense any work necessary to make the Material and/or Services comply with this Agreement (including but not limited to freight, disassembly and reassembly);

(e) instruct the Supplier to suspend performance of its obligations under this Agreement with immediate effect and to take such steps as the Purchaser may direct in order to remedy such breach at the Supplier's expense;

(f) claim such damages as may have been sustained in consequence of the Supplier's

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breach or breaches of this Agreement;

(g) opt to use or consume the Material in the event of non-availability of substitute goods or to maintain operations of the Purchaser's plant or to avoid plant shut down but without prejudice to its right to claim damages attributable to consequences arising due to off-Specification Material;

(h) obtain substitute Material or purchase substitute Services from alternate supplier at Supplier' cost.

11.7 If the Purchaser exercises its rights under clause 11.6 sub-clause (b), (d) and/or (e) above in respect of Material which do not, in the Purchaser's opinion, meet the requirements specified in the Agreement, the Supplier shall grant necessary right to the Purchaser to utilize the relevant Material until such time as they meet those requirements.

11.8 Notwithstanding anything to the contrary in this Agreement, there shall be no obligation whatsoever on the Purchaser to accept any defective or sub-standard quality Material and/or Service, delayed delivery and/or performance of the Agreement and it is expressly agreed by the Parties that acceptance of such defective or sub-standard quality Material / Service, delayed delivery and/or performance by the Purchaser in its sole discretion, shall not prejudice any right / claim of the Purchaser to damages for supply of such defective or sub-standard quality Material / Service, delayed delivery and/or performance and / or for breach of the Agreement. In the foregoing, the Purchaser shall reasonably determine the amount of damages that shall be leviable upon / payable by the Supplier. Any damages so determined by the Purchaser shall be paid by the Supplier within fifteen (15) days. The levy of damages / acceptance of performance, as above, shall not prejudice any rights of the Purchaser as per other terms of this Agreement / Purchase order.

11.9 In the event of a breach by the Supplier of its obligations under this Agreement, the Purchaser shall have the right to terminate the Agreement and / or the Purchase Order issued thereunder in whole or in part or to rescind the Purchase Order, in each case without any liability to the Purchaser.

11.10 The Purchaser reserves the right to reject Material in case it is supplied prior to the scheduled delivery date until otherwise specifically waived-off in writing by an authorized Representative from the Purchaser's commercial department, prior to dispatch.

12. SPECIFICATION VARIATION

Purchaser may, at any time, make changes within the general scope of the Agreement and/or Purchase Order by giving written notice to Supplier. Such changes may include changes to the technical Specification of the Material (where such Material are manufactured to order), quantities, method of shipping and/or packing, inspection standards and place of delivery. Upon receipt of such variation request, if any such change affects the purchase price and/or delivery date, Purchaser and Supplier shall agree upon an adjustment to the price and/or delivery date. The change to the

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Specification and /or Purchase Order, together with any adjustment to price and/or delivery date, if any, shall be set forth in a revised Variation Order issued by Purchaser and acknowledged by Supplier in writing.

13. INTELLECTUAL PROPERTY

13.1 If any Material purchased or supplied or Services performed or provided under the Agreement and/or Purchase Order involves a patent, copyright, trademark, or proprietary information (IPR), Supplier hereby grants Purchasing Group a permanent, irrevocable, worldwide, non-exclusive license to use the same without additional charge.

13.2 Purchaser is the sole owner of IPR in anything developed and delivered under this Agreement / Purchase Order. Supplier shall provide at Purchaser's reasonable request any documentation necessary to confirm Purchaser's ownership interest in such intellectual property rights. Supplier shall retain ownership of any intellectual property rights vested in Supplier prior to this Agreement or created by Supplier outside of its performance of this Agreement during the term of this Agreement.

13.3 Supplier shall at all times be responsible for, shall release and shall defend, protect, indemnify, hold harmless and defend Purchasing Group, from and against any Claim by a third party for infringement of any IPR which may arise out of the sale and/or use of the Material supplied or the Services performed and/or provided by Supplier.

14. AUDIT AND INVESTIGATION

14.1 At all reasonable times during the Term and/or any Purchase Order, and for a period of four (4) years after the completion of any Purchase Order, Supplier agrees that the Supplier Group's books and records shall be subject to audit with Supplier's assistance and at reasonable times as Purchasing Group shall consider necessary. Purchaser's auditors shall have full and unrestricted access to all records for the purposes of auditing and verifying that the charges or costs presented by Supplier to Purchaser for payment are in accordance with the Agreement / Purchase Order, or for any other reasonable purpose, including verifying Supplier's compliance with its obligations under the Agreement / Purchase Order. In addition, if Purchaser has a reasonable basis to believe that Supplier Group has taken or failed to take any action that may subject Purchasing Group to liability under any laws including the anti-corruption laws, Supplier agrees that Purchaser shall have the right (but not the obligation) upon written notice to Supplier, to conduct an investigation of Supplier Group to determine to Purchaser's reasonable satisfaction whether any actions or failures to act on behalf of Supplier Group may subject Purchaser to such liability.

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15. ASSIGNMENT AND SUBCONTRACTING

15.1 Supplier may not assign, sublet or subcontract its rights or obligations under any Purchase Order, in whole or in part, to any third party without the prior written consent of Purchaser, which the Purchaser may at its sole discretion accept or refuse. Supplier shall have a written contract in place for each approved sub-supplier prior to such sub-supplier performing any Services or supplying any Material. Supplier shall assume full responsibility for the acts or omissions of Supplier's sub-suppliers of any tier. All of Supplier's subcontracts, if any, for performance of the Services or the supply of Material shall contain terms and conditions substantially similar to those contained in this Agreement and/or the applicable Purchase Order which protect and do not restrict Purchaser's rights as set forth in this Agreement and/or in the applicable Purchase Order.

15.2 Purchaser shall have the right to assign the Agreement / Purchase Order to its Affiliate or any third party customer. This Agreement shall inure to and be binding upon the respective successors and assignees of the Parties.

16. RECOURSE OF THE PARTIES

16.1 Supplier shall look only to Purchaser for the due performance of the Purchase Order and nothing therein contained shall impose any liability upon, or entitle Supplier to commence any proceedings against any third party customer or any person not a party to the Agreement or the Purchase Order.

16.2 Purchaser shall be entitled to enforce any Purchase Order on behalf of any third party customer in connection with the Agreement / Purchase Order as well as for itself and for this purpose, only Purchaser may commence proceedings against Supplier. The obligations and liabilities of Purchasing Group issuing Purchase Orders are several and not joint.

16.3 It is clarified that under no circumstances, by virtue of this Agreement, will the employee/workers of the Supplier be deemed to have any privity of contract with the Company nor would they or any of their heirs, assigns or successors would claim any benefit / privilege, whatsoever, from the Company.

17. PREVAILING EFFECT OF THIS AGREEMENT AND RELEVANT PURCHASE ORDER(S)

17.1 This Agreement shall comprise of the following documents:

Scope of work as specified in the Purchase Order
Compensation Schedule as specified in the Purchase Order
Standard Terms and Conditions (Annexure-A)
(all hereinafter the "Agreement").

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17.2 This Agreement shall be governed solely as per the terms of this Agreement, to the entire exclusion of any terms/conditions that the Supplier may state/ mention in any quotation and/or any other correspondence made by the Supplier. Consequently, the terms of this Agreement shall apply and shall be incorporated by reference / deemed incorporated in any Purchase Order issued hereunder and shall prevail at all times between the Parties over any other terms and conditions (including any terms or conditions which Supplier purports to apply to any purchase order, confirmation of order, Specification, invoice or other document) with respect to the provision of Materials or Services, except where the Parties, by its authorized signatories, have specifically agreed in writing to vary and override the terms of this Agreement or the Standard Terms and Conditions by Special Terms.

ANNEXURE - A: STANDARD TERMS & CONDITIONS FOR MASTER PROCUREMENT AGREEMENT

1. TAXES AND DUTIES

1.1 Payment of all taxes, fees, levies, duties, or other charges of whatsoever nature including service tax, excise, VAT and in respect of any wages, salaries and other remuneration paid directly or indirectly to persons engaged or employed by the Supplier or its subcontractors levied or imposed now or hereinafter as a result of the services provided hereunder and the performance of this Agreement shall be the sole responsibility of and be paid by the Supplier. Nothing contained herein shall prevent the Company from deducting tax at source as required by law from the payments due to the Supplier.

1.2 The Supplier shall be responsible for filing all necessary tax returns (including, without limitation, returns for corporate income tax, personal income tax, service tax, sales tax) with the relevant Government Authorities in accordance with all applicable statutory requirements and shall be responsible for providing all information requested by such Government Authorities.

1.3 The Supplier shall also ensure that its sub-contractors file such returns as stipulated by the relevant Government Authorities and furnish such information as requested for by the relevant Government Authorities.

2. STATUTORY COMPLIANCES/LICENCES

2.1 The Supplier shall be solely liable for statutory compliance in respect of all applicable laws of land which inter-alia includes central/state labour laws and regulations/rules made thereunder including but not limited to Compliance of provisions of Contract Labour (Regulation and Abolition) Act, 1970, Employees State Insurance Act, 1948, Employees Provident Funds and Miscellaneous Provisions Act, 1952, Minimum Wages Act, 1948, Payment of Bonus Act, 1965, Payment of Gratuity Act, 1972, Payment of Wages Act, 1936, Workmen's Compensation Act, 1923, Interstate

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Migrant Workmen (regulation of Employment and Conditions of Service) Act, 1979. The Supplier shall be solely responsible for maintenance of records and filing of various forms/ returns prescribed under all applicable Central/State labour laws and regulations/rules made thereunder in respect of employees employed by it.

2.2 The Company shall be entitled to deduct/adjust from amount payable to the Supplier any dues, wages, compensation on accident or death, expenses paid by the Company in compliance with the applicable laws, in respect of employees of the Supplier.

2.3 Purchaser is obligated to ensure that its suppliers meet the criteria for security mandated by the Customs-Trade Partnership Against Terrorism (C-TPAT) program. In order to comply with these requirements, Purchaser requires Supplier to be a C-TPAT certified participant where applicable, or satisfy comparable security program policies and procedures as follows:

(i) If Supplier is C-TPAT Certified, upon receipt and certification of the SVI # (Status Verification Indicator), Purchaser requests a copy of the official letter, a copy of the C-TPAT Certificate to Supplier, and the Supplier SVI letter for file and audit record.

(ii) If Supplier is not C-TPAT certified or does not qualify under Customs terms to be C-TPAT certified, Supplier must provide evidence its approved under a similar supply chain security program that is endorsed and sponsored by its local country (For e.g., P.I.P. in Canada) OR must provide a statement from a company senior executive officer of its intent and plan to provide its supply chain security policy and procedure that describes its supply chain security systems that meet or exceed those expectations in U.S. C-TPAT. Upon written request, Supplier shall provide Purchaser with copies of its written tracking procedures to verify the Supplier's compliance with comparable supply chain security measures as required under C-TPAT.

(iii) Supplier shall grant to Purchaser or its designated Representative the right from time to time, upon prior written notice to Supplier and at reasonable date and hours, to visit Supplier's facilities to perform an audit of Supplier compliance with its security obligations. Upon completion of any review by Purchaser, Supplier will be advised in writing if any corrective action is required to assure compliance with the C-TPAT program. Based on the type of corrective action required, the parties will mutually establish a time period for implementation of the corrective measures required. If Supplier does not comply within a reasonable time period with the requirements for C-TPAT compliance, Purchaser will be entitled to treat Supplier's failure to comply as a material breach of this MPA.

3. INSURANCE

3.1 The Supplier shall effect and maintain with a reputed insurance company a policy(ies) of insurance providing an adequate level of cover in respect of all risks

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which may be incurred by the Supplier, arising out of the Supplier's performance of its obligations under the Agreement, including death or personal injury, loss of or damage to property or any other loss. Such insurance shall be maintained for the duration of the Term of the Agreement.

3.2 The Supplier shall hold employer's liability insurance in respect of its employees/personnel in accordance with any legal requirement from time to time in force.

3.3 The provisions of any insurance or the amount of cover shall not relieve the Supplier of any liabilities under the Agreement.

3.4 The Supplier shall also take third party liability insurance and surrounding property damage insurance. In case of any loss or damage, the Supplier shall lodge and settle the claim with the insurance company.

3.4 Supplier will be made at equivalent to differential loss suffered by the Company in case the loss to the Company is not fully compensated by the insurance agency.

3.5 Notwithstanding anything contained above the Company may arrange insurance of the consignment. But, that will not in any way absolve the Supplier from compensating Company /consignee in case of damage / loss.

3.6 Without limiting Supplier's obligations, liabilities, and responsibilities under any Purchase Order or at law, Supplier shall when providing Material or Services, at its cost, obtain or procure or cause others to obtain or procure the insurances required under the Purchase Order.

3.7 All the insurance policies described in Exhibit B, except workers' compensation and employer's liability shall, to the extent of the insurable liabilities assumed and indemnities given by Supplier hereunder, be written or endorsed with Purchasing Group as additional insured or shall contain indemnity to principal provisions, and all policies described in Exhibit B, including workers' compensation and employer's liability, shall provide that the insurance company shall have no right of recovery or subrogation against Purchasing Group. All liability policies required herein shall provide severability of interest or cross liability clause. All policies required of Supplier herein shall, to the extent of the insurable liabilities assumed and indemnities given by Supplier hereunder, provide that the insurance coverages shall be primary and not excess to or contributing with any insurance or self-insurance maintained by Purchasing Group. In all cases all applicable Supplier Group deductibles, self-insured retentions, and excesses will be borne by Supplier.

3.8 All insurances taken out by Supplier in accordance with the provisions of this Clause 3 shall provide that Supplier's underwriters of insurance give not less than

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thirty (30) days' notice of cancellation of any such policy of insurance to Purchaser. No such cancellation shall relieve Supplier of its obligation to maintain insurance in accordance with this Agreement and / or any Purchase Order.

3.9 To the extent Supplier has sub-suppliers of any tier, Supplier agrees that should any sub-supplier's insurance lapse, is cancelled, has insufficient limits of insurance available or is not carried, Supplier's obligations under this Clause 3 are in no way relieved or diminished. Supplier shall use its best endeavours to obtain from its sub-suppliers additional insured, or indemnity to principals, status, a waiver of subrogation and a primary insurance statement, both in favour of Purchasing Group. Upon request, Supplier shall obtain and provide Purchaser with valid certificates of insurance from such sub-suppliers evidencing compliance with this Clause 3.

3.10 Neither the delivery to Purchaser of any certificates of insurance, nor any failure on the part of Purchaser to discover and notify Supplier of any errors or omissions in certificates of insurance, nor the rejection of certificates of insurance that do not conform to the requirements described herein, shall be construed to imply an acceptance of such certificates of insurance or the coverages/endorsements reflected therein, or a waiver of the coverages/endorsements requirements contained herein. Review by Purchaser of any certificate of insurance shall not relieve Supplier from any obligation to secure the insurance coverages and endorsements required herein, and nothing shall operate to shift responsibility for insurance coverages from Supplier to Purchaser.

4 WARRANTIES AND REPRESENTATION

4.1 The Supplier represents and warrants that:

(i) It is a duly organized company/business entity validly existing under the laws where it is incorporated/established, and has experience, expertise, ability and skills as required to supply Materials and perform the Services as detailed in the Scope of Services above and as may be necessary to perform its obligations hereunder in a professional manner.

(ii) It has all the requisite power, authority and approvals required to enter into this Agreement and will have all the requisite power, authority to perform fully each and every obligation under this Agreement.

(iii) This Agreement has been duly executed and delivered by its duly authorized representatives and constitutes its legal, valid and binding obligation enforceable against it in accordance with its terms.

(iv) The execution, delivery and performance of this Agreement and all instruments or addenda required hereunder by it does not contravene, violate or constitute a

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default of or require any consent under the provisions of any other agreement or instrument to which it is bound, including the constitutional documents thereof, or any order, judgment, decree or injunction of any court of law.

(v) No legal proceedings are pending or threatened against it before any court, tribunal or authority which do or may restrain or enjoin its performance or observance of the terms and conditions of this Agreement or which do or may in any other manner question the validity, binding effect or enforceability of this Agreement.

(vi) No order has been made or petition presented for the bankruptcy protection, winding up or dissolution thereof against it.

(vii) It shall maintain high professional standards to ensure performance of this Agreement as per best business practices and in full compliance with statutory obligations.

(viii) It has all necessary statutory and regulatory permissions, approvals and permits for the running and operation of its establishment for the conduct of its business;

(ix) It has full right, title and interest in and to all trade names, trademarks, service marks, logos symbols and other proprietary marks (IPR) (including limited right of use of those owned by any of its vendors, affiliates or subcontractors) which it provides to the Company, for use related to the Material/Services, and that any IPR provided by the Supplier shall not infringe the IPR of any third party;

(x) The Supplier represents that there is no inquiry/ investigation pending by the Police against the Supplier or its employees. The Supplier undertakes that it will confirm at his own cost and expense and shall comply in all respect with the provisions of Government Authority applicable to the Supplier and /or to the Supplier's employees;

(xi) The Supplier shall be liable for all fines, penalties, and the like of parking, traffic and other criminal offences arising out of or concerning the use of any vehicle for performing the Agreement and any toll charges or entry Taxes payable locally and the Supplier accordingly indemnifies Company against all such liability.

(xii) The Supplier has sufficient resources available to respond to emergencies/ incidents, which may occur along established transportation routes. In case of any accident resulting in loss or damage to property of life, the sole responsibility for any legal or financial implication would vest with the Supplier. Company shall have no liability whatsoever.

4.2 Each Party hereby warrants that it has not entered into this Agreement relying on any warranty, representation or undertaking except for any warranty, representation

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or undertaking expressly set out in this Agreement.

4.3 Supplier warrants and guarantees that:

- (i) all Material shall be supplied in accordance with the provisions of the Agreement/Purchase Order and with generally accepted industry standards, Trade Usage with regard to quality, Specification, quantity, measurement, performance and/or functionality and are free from defects in material and workmanship;
- (ii) if the Material are manufactured by reference to Supplier's data or other specified data provided to Purchaser, the Material shall have been manufactured in accordance with such data;
- (iii) if the Material are sold by sample then they shall conform to the sample;
- (iv) if the Material are manufactured to designs supplied by Purchaser, the Material shall have been manufactured in conformity with such designs and any approved working drawings;
- (v) it is aware of the purpose and usage of the Material by the Purchaser including the technical parameters attributable to the usage of the Material; and
- (vi) in the case of the Material, be of the best available design, of the best quality and workmanship and shall be free from fault or defect (including latent defect), with such tolerances as stated in the Specification or on the drawings.

4.4 If Supplier is required to repair or replace defective Material, the warranty period shall renew for the repaired or replaced Material.

5. ETHICS

5.1 GIFTS AND COURTIESIES: The Supplier shall declare any conflicts of interest with the Company including relationship or financial interest of any nature whatsoever with employees, managers, other suppliers, vendors or stakeholders of the Company.

The Supplier shall not use the services of any of the employees of the Company, directly or indirectly or enter into any sort of monetary transaction with the employees of the Company. The Supplier undertakes that he has not given, offered or promised to give directly or indirectly any bribes, commission, gift, consideration, reward, or inducement to any of the employees of the Company or their agent or relatives for showing or agreeing to show favor or disfavor to any person in relation to this Agreement or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of the aforesaid undertaking, by the Supplier, or his partners, agent or servant or any one authorized by him or acting on his behalf. The Supplier undertakes that in the event of use of any corrupt practices by the Supplier, the Company shall be entitled to terminate the Agreement forthwith and recover from the Supplier, the amount of any loss arising from such termination. A decision of the Company or his nominee to this effect that a breach of the undertaking had been committed shall be final and binding on the Supplier.

If at any time during execution or performance of this Agreement the Supplier if faced with any undue demand, request for gratification or favor from any employee of the Company or a person connection with such employee, the Supplier must report the same immediately at sgl.whistleblower@vedanta.co.in

5.2 ANTI-BRIBERY & CORRUPTION:

(i)(a) - The Service Provider agrees to comply with the provisions of the Company's Supplier Code of Conduct and the Company's Human Rights Policy including Modern Slavery Act and in case of breach thereof, the same shall be treated as a breach of this Agreement.

(i)(b) - The Service Provider shall maintain records and provide to the Company upon request such records and evidences, as the Company may reasonably require, confirming the Service Provider's compliance with the obligations under Clause 5.2 (i)(a).

(ii) The Supplier shall comply with the Anti-Bribery and Corruption (AB&C) requirements as applicable to them.

(iii) The Company shall have a right to initiate "audit proceedings" against the Supplier during the Term and for a period of three (3) years thereafter, to verify compliance with this Agreement including AB&C requirements. Such audit may be carried out by Company or by a reputed agency to be appointed by Company at the sole discretion of Company. The Supplier shall extend full cooperation for smooth completion of the audit mentioned herein.

(iv) Notwithstanding anything in this agreement, the Company shall have right to terminate the Agreement forthwith in case, it is found that the Supplier has failed to comply with the terms of the Agreement including AB&C requirements.

(v) The Supplier may submit/report 'Complaints' pertaining to any violation to the Company's ethical business practices as specified in the Company's Code of Conduct Policy.

External stakeholders such as vendors, customers, business partners etc. have the opportunity to submit 'Complaints'; however, the Company is not obligated to keep 'Complaints' from non-employees confidential or to maintain the anonymity of non-employees. We encourage individuals sending 'Complaints'/raising of any matter to identify themselves instead of sending anonymous 'Complaints' as it will assist in the effective complaint review process.

Post review, if the complaint is found to be have been made with malafide intention, stringent action will be taken against the complainant. We encourage reporting genuine 'Complaints' and those submitted in true faith.

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All the 'Complaints' under this policy should be reported to the Group Head-Management Assurance at the following address:

Group Head - Management Assurance,
Vedanta, 75 Nehru Road

Vile Parle (E), Mumbai 400 099

'Complaints' can also be sent to the designated e-mail id:
sgl.whistleblower@vedanta.co.in

6. DEFAULT AND TERMINATION

6.1 The Company may immediately terminate all or part of this Agreement/Purchase Order as under:

(i) by a written notice to the other Party if the other Party has committed any material breach of the terms of this Agreement and has failed to remedy such breach within 30 days from receiving notice from the other Party.

(ii) if other party party (i) ceases, or threatens to cease, to function as a going concern or conduct its operations in the normal course of business, (ii) commences, or becomes the subject of, any bankruptcy, insolvency, reorganization (other than in the course of a corporate re-organization or to an affiliate), administration, liquidation or similar proceedings, (iii) makes, or plans to make, a general assignment for the benefit of its creditors, or (iv) a other party's creditor attaches or takes possession of all or a substantial part of said Party's assets; the foregoing shall not apply to any action or proceeding which is (i) in the reasonable opinion of the party, frivolous or vexatious; or (ii) discharged, stayed or dismissed within ninety (90) days of commencement;

iii) if either party is unable to carry out its obligations by reason of Force Majeure events and the force majeure continues for a period more than 60 days, then either Party may by giving notice in writing, terminate this Agreement with immediate effect. Any such termination shall be without prejudice to any of the right of the Parties accrued prior to the date of such termination.

6.2 The Company may terminate all or part of this Agreement by one (1) months' written notice without assigning any reason whatsoever or if the Supplier fails to obtain any approval required under the terms of this Agreement.

6.3 Upon termination of this Agreement, both Parties shall be relieved of their respective rights and obligations under this Agreement save such obligations and / or liabilities of the Parties set forth herein which (i) that the Parties have expressly agreed will survive any expiration or termination, or (b) by their nature would be intended to be applicable following any such expiration or termination, or (c) the Parties have accrued before expiration or termination, as the case may be.

6.4 In the event of Supplier's breach of its obligations hereunder, no payment shall be due by Purchaser in respect of such order/Purchaser order, or, in the case of suspension, until the failure or breach has been remedied to the reasonable

satisfaction of Purchaser.

7. LIMITATION OF LIABILITY

7.1 EXCEPT AS MAY BE OTHERWISE PROVIDED IN THIS AGREEMENT, IN NO EVENT SHALL EITHER PARTY BE LIABLE TO THE OTHER, WHETHER ARISING UNDER CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE, FOR ANY INDIRECT, CONSEQUENTIAL, SPECIAL, PUNITIVE, EXEMPLARY OR INCIDENTAL LOSS OR DAMAGES OF ANY NATURE ARISING AT ANY TIME FROM ANY CAUSE WHATSOEVER.

7.2 The limitations of liability and exclusion of warranties as set out in the Agreement shall be to the maximum extent permitted by applicable law. Nothing in this Agreement purports to exclude or limit liability for fraud, death or personal injury.

8. FORCE MAJEURE

8.1 Neither the Company nor the Supplier shall be responsible for any failure to fulfil any term or condition of the Agreement if and to the extent that fulfilment has been delayed or temporarily prevented by a force majeure occurrence i.e. (a) Act of God, (b) fire, flood, earthquake, (c) war, riot, insurrection and civil commotion, mobilization or military, if they impede the performance of the Agreement or make performance unreasonably onerous and which could not reasonably be foreseen after due and timely diligence and which, by the exercise of reasonable diligence, the said Party is unable to provide against ("Force Majeure Events").

8.2 The party, which is not able to perform its obligations under this Agreement on account of Force Majeure Event(s), shall without any delay, notify in writing the other party on the initiation and cessation of such Force Majeure Event(s) and shall use diligent efforts to end the failure or delay in performance to minimise effects of such Force Majeure Event. In such a situation, the party, which is not able to perform its obligations under this Agreement on account of Force Majeure Event(s), shall not be liable to the other party for the default or breach of this Agreement for the period of failure or delay.

8.3 If the Force Majeure Event(s) continues beyond 30 days, the parties shall make efforts to find an amicable solution for future course of action agreeable to both parties in a fair and equitable manner.

8.5 Both Parties agree to use their respective reasonable efforts to cure any event of Force Majeure to the extent that it is reasonably possible to do so. The Parties understand that the settlement of strikes, lockouts, and any other industrial disputes shall be treated to be within the sole discretion of the Party asserting Force Majeure. Upon the cessation of the event of Force Majeure, the party declaring Force Majeure shall immediately give notice thereof to the other party.

9. INDEMNITY

9.1 The Supplier shall defend, indemnify and hold the Company harmless from and against any and all Claims in connection with any taxes, levies, costs and charges

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which may be levied or imposed on the Supplier or its sub-contractors by any Government Authority arising out of or in connection with the performance of this Agreement including claims in respect of pollution and contamination which originated from Supplier Group's equipment or materials under the control of any member of the Supplier Group.

9.2 The Supplier shall be liable for and shall defend, indemnify and hold the Company harmless from and against and all Claims in connection with any breach, infringement (whether actual or alleged) of Confidentiality, accident, bodily injury, fraud arising out of or in connection with the performance of this Agreement by the Supplier.

9.3 Supplier shall at all times be responsible for, shall release and shall defend, protect, indemnify and hold Purchasing Group harmless from and shall keep Purchaser's equipment and property free and clear of all liens, claims, assessments, fines and levies incurred, created, caused or committed by Supplier Group.

9.4 This indemnity shall be without prejudice to any other rights or remedies, including injunctive or other equitable relief, which the Company may be entitled to.

9.5 Purchaser shall have the right to retain / withhold out of any payment to be made to the Supplier an amount sufficient to indemnify it completely against any such lien, claim, assessment, fine or levy exercised or made and all associated costs.

9.6 It is the express intention of the Parties hereto that the provisions of this Agreement / Purchase Order shall exclusively govern the allocation of risks and liabilities of the Parties, it being acknowledged that the Agreement reflected herein has been based upon such express understanding. It is acknowledged that the compensation payable to Supplier as specified in this Agreement and/or applicable Purchase Order has been based upon the express understanding that risks and liabilities shall be determined in accordance with the provisions of this Agreement and/or applicable Purchase Order.

10. ARBITRATION

10.1 Any dispute or difference whatsoever arising between the parties out of or relating to the interpretation,, meaning, scope, operation or effect of this Agreement or the existence, validity, breach or anticipated breach thereof or determination and enforcement of respective rights, obligations and liabilities of the parties thereto shall be amicably settled by way of mediation. If the dispute is not conclusively settled within a period of twenty-one (21) days from the date of commencement of mediation or such further period as the parties shall agree in writing, the dispute shall be referred to and finally resolved by arbitration under the (Indian) Arbitration and Conciliation Act, 1996 (as amended from time to time),

which are deemed to be incorporated by reference into this clause. The arbitration shall be conducted as follows:

(i) A sole arbitrator shall be appointed in case the value of claim under dispute is less than 5,000,000 (Rupees Five Million Only) / \$ 100,000 (Hundred Thousand United States Dollars) and in any other event by a forum of three arbitrators with one arbitrator nominated by each Party and the presiding arbitrator selected by the nominated arbitrators.

(ii) The language of the mediation and arbitration proceedings shall be English. The seat of arbitration shall be [Local Jurisdiction in Goa / Local Jurisdiction Karnataka /Delhi].

(iii) The award made in pursuance thereof shall be final and binding on the parties

11. APPLICABLE LAW AND JURISDICTION

11.1 This Agreement shall be governed by, construed and enforced in accordance with the laws of India.

11.2 The parties submit to the exclusive jurisdiction of the courts of be [Local Jurisdiction in Goa / Local Jurisdiction Karnataka /Delhi], India and any courts that may hear appeals from those courts in respect of any proceedings in connection with this Agreement.

12. SET OFF

12.1 Only the Company may at any time without notice to the Supplier set off any liability of the Supplier to the Company against any liability of Purchasing Group to the Supplier (in either case howsoever arising and whether any such liability is present or future, liquidated or unliquidated and irrespective of the currency of its denomination) and may for such purpose convert or exchange any currency. Any exercise by the Company of its rights under this clause shall be without prejudice to any other rights or remedies available to Company under this Agreement or otherwise.

13. CONFIDENTIALITY

13.1 Each party hereto shall, save as otherwise provided herein, maintain in strict confidence, and not disclose or use for a purpose other than the purpose set out herein, any confidential and/or proprietary information ("Confidential Information") of any party including this Agreement and the terms and conditions hereof. The foregoing covenant shall not restrict a party from disclosing Confidential Information to the extent required in connection with any legal proceeding(s) or required for filing with govt. agencies, courts, stock exchanges or other regulatory agencies under applicable laws and regulations. Each Party shall use its best effort to assure that the provisions of this Agreement and its information disclosed to it concerning the other Party and its assets and business

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which is not otherwise publicly available, shall be kept confidential, unless other required by law, not to be disclosed without the consent of other Party to anyone other.

13.2 The parties shall restrict access to the Confidential Information only to its own employees or professional advisers who need to have such access for the purposes of performing the obligations or enforcing the rights under this Agreement and who have agreed with such party to abide by the obligations of confidentiality equivalent to those contained herein with such party. The disclosing party shall remain vicariously liable for such disclosure.

13.3 Each Party agrees that it will not use the name or logo of the other party, without the prior written consent of the other party(ies) hereto.

13.4 All Confidential Information developed by Supplier Group as a result of performance of the Services or supply of Material shall be the property of Purchaser. All such Confidential Information shall be delivered to Purchaser within fifteen (15) days after completion of any applicable Purchase Order. Purchaser shall have the unrestricted right to use and disclose such information in any manner and for any purpose without payment of further compensation. Such Confidential Information is proprietary information of Purchaser and subject to the terms of this Clause 13.

13.5 Obligations towards all Confidential Information as mentioned above under this clause shall continue to remain valid for the Term and further period of five (5) years from the date of expiry of this Agreement.

13.6 No member of Supplier Group shall make use of the name or logo of Purchasing Group for publicity purposes, nor shall publish or permit to be published any information or photographs in connection with this Agreement or any Purchase Order without the prior written consent of Purchaser.

14. MISCELLANEOUS PROVISIONS

14.1 Entire Agreement: This Agreement along addendums and with all annexures, if any constitutes the entire agreement and understanding between the parties with respect to its subject matter and overrides and supersedes all previous agreements, representations, written documents, correspondence and understanding of the parties, whether in writing or otherwise.

14.2 Severability: If any clause or provision of this Agreement is prohibited, invalid or unenforceable in any jurisdiction, that provision will, as to that jurisdiction, be ineffective to the extent of the prohibition, invalidity or unenforceability without affecting or invalidating the remaining provisions of this Agreement or affecting the validity or enforceability of that provision in any other jurisdiction, unless

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it materially alters the nature or material terms of this Agreement.

14.3 Counterpart: This Agreement may be executed in one or more counterparts, each of which will be deemed to be an original Agreement and all of which, when taken together, will constitute one and the same instrument

14.4 Relationship: This Agreement shall not be construed to have any purpose or intent other than for purchase and sale of the Commodity between the Parties on a non-exclusive basis and nothing contained in this Agreement shall be deemed to create any association, partnership, joint-venture or relationship of principal and agent or master and servant between the parties or any affiliates or subsidiaries thereof.

14.5 Notices: Any notice required to be given hereunder shall be given by sending the same by facsimile, prepaid post or by hand delivery to the address of the addressee shown in this Agreement or to such other address as either party may notify to the other for this purpose in writing. If sending by facsimile, notice shall be deemed to have been given upon successful transmission, if by hand upon at the time of dispatch and if sending by post, notice shall be deemed to have been given on the 3rd day on dispatch by post.

14.6 Non-Waiver/Exercise Of Right: A failure or delay in exercising any right, power or privilege in respect of this Agreement will not be presumed to operate as a waiver, and a single or partial exercise of any right, power or privilege will not be presumed to preclude any subsequent or further exercise, of that right, power or privilege or the exercise of any other right, power or privilege. All waivers under this Agreement must be made in writing.

14.7 Binding Effect: This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors and permitted assigns

14.8 Assignment: Neither this Agreement nor any right, duty or obligation of any party hereunder may be assigned or delegated by any party (in whole or in part) without the prior written consent of the other party(ies) hereto.

14.9 Amendments: This Agreement may be amended, modified, renewed or extended only by a written instrument signed by each of the parties hereto.

14.10 Validation: This Agreement shall come into effect when authorized representatives of both Company and Supplier execute and affix their signature hereto in their due capacity, within 3 working days after confirmation of business by Company and constitutes the entire agreement between the Parties relating to its subject matter. Any alteration, amendment or addition to any of the terms of this Agreement shall become binding only when such alteration, amendment or addition is evidenced in writing and is executed by the authorized representatives of the both parties in their due capacity.

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14.11 Costs: Each Party shall bear its own legal, professional and advisory fees, commissions and other costs and expenses incurred by it in connection with this Agreement.

14.12 Language of the Agreement: English shall be the language of the Agreement and all documentation prepared in relation to it. All of the parties management staff engaged in work arising out of or in connection with this Agreement shall be fluent in English.

14.13 Remedies cumulative: Except as expressly provided in this Agreement, all remedies available to the Parties for breach of this Agreement are cumulative and may be exercised concurrently or separately, and the exercise of any one remedy shall not be deemed an election of such remedy to the exclusion of other remedies.

14.14 THIS DOCUMENT "STANDARD TERMS & CONDITIONS" SHALL BE AN INTEGRAL PART OF ANY OF THE PURCHASE ORDERS, INVOICE OR MOU OR OTHER DOCUMENT WHATSOEVER ENTERED BETWEEN THE PARTIES AND SHALL SUPERCEDE ANY CONTRARY TERMS IN SUCH PURCHASE ORDER, INVOICE OR MOU OR OTHER DOCUMENT WHATSOEVER INCLUDING ANY ORDER ACKNOWLEDGEMENT BY THE SUPPLIER AND THIS DOCUMENT AND THE GENERAL TERMS AND CONDITIONS MENTIONED HEREIN SHALL APPLY FOR ALL PURPOSES.

APPENDIX III : STANDARD TERMS & CONDITION FOR SERVICE AGREEMENT

THIS PURCHASE ORDER / AGREEMENT is made on Purchase Order (PO) Date

BETWEEN

(1) Vedanta Limited (Formerly known as Sesa Sterlite Limited / Sesa Goa Limited) / Sesa Resources Limited / Sesa Mining Corporation Limited, a company incorporated in India currently having its registered office at Sesa Ghor, 20 EDC Complex, Patto, Panjim - Goa - 403001, (hereinafter referred to as the "Company", which expression, unless the context requires otherwise, shall include its successors and permitted assignees); and

(2) Vendor (hereinafter referred to as the "Service Provider", which expression, unless the context requires otherwise, shall include its successors and permitted assignees).

RECITALS:

WHEREAS the Company requires the Service Provider to provide certain services and the Service Provider is engaged in the business of providing such services and has agreed to perform the Services for the Company on the terms and conditions set out

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in this Contract.

NOW THEREFORE IT IS HEREBY AGREED as follows:

1. The Service Provider agrees to perform the Services in accordance with the terms and conditions of this Contract and, in consideration of its due performance of the Services, the Company agrees to pay the Service Provider according to the rates, terms and conditions herein contained.

2. The Contract shall comprise the following documents:

Annexure C: Standard Terms and Conditions

(all hereinafter the "Agreement").

3. In the event of any inconsistency or discrepancy between any of the documents listed above, the Standard Terms and Conditions shall have preference over any other documents and these Standard Terms and Conditions shall apply and shall be incorporated by reference / deemed incorporated in any Purchase Order issued hereunder and shall prevail at all times between the Parties over any other terms and conditions (including any terms or conditions which Service Provider purports to apply except where the Parties by its/their authorized signatories have specifically agreed in writing to vary and override the said Standard Terms and Conditions.

4. The effective date of this Agreement shall be as specified in the Purchase Order (hereinafter the "Effective Date") and this Agreement shall be valid for a period as specified in the Purchase Order ("Term").

ANNEXURE C

STANDARD TERMS AND CONDITIONS FOR SERVICE AGREEMENT

1. DEFINITIONS

1.1 In the Agreement, the following words and expressions shall, unless the context otherwise requires, have the following meanings:

"Affiliate" shall mean with respect to any person, any other person that, directly or indirectly, controls, is controlled by or is under common control of such specified person. For the purposes of this definition, "control" means the direct or indirect beneficial ownership of more than fifty percent (50%) of the issued share capital, stock or other participating interest or the legal power to direct or cause the direction of the general management of the company, partnership or other person in question, and "controlled" shall be construed accordingly;

"Agreement" shall mean the Agreement between the Company and the Service Provider

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to which this Schedule is attached.

"Purchase Order" shall mean the document recording the specific Services to be carried out under this Agreement, from time to time.

"Fees" shall mean the prices and/or rates payable by the Company in respect of the Services and/or as specified in the relevant Purchase Order.

1.2 Unless otherwise stated, any and all references in the Agreement to Clauses are references to the Clauses of the Agreement.

1.3 The headings in the Agreement are used for convenience only and shall not govern or affect the interpretation of the Agreement.

1.4 Words denoting the singular shall include the plural and vice versa, where the context requires.

1.5 Except as expressly identified, any reference to statute, statutory provision or statutory instrument shall include any re-enactment or amendment thereof for the time being in force.

1.6 Unless expressly stated otherwise, all references to days, weeks, months and years shall mean calendar days, weeks, months and years.

2. SCOPE OF CONTRACT

2.1. The terms and conditions of the Agreement shall apply from the Effective Date and shall remain valid for the Term unless this Agreement is terminated earlier by the Company in accordance with Clause 10 below (Standard Terms and Conditions).

2.2. Subject to the provisions of this Agreement, the Parties agree that upon request of the Company in terms hereof, the Service Provider shall perform the Services at such locations and for such periods as may be agreed with the Company.

2.3. From time to time, the Company may issue a Purchase Order to the Service Provider. In such case, the terms and conditions of this Agreement shall apply to each such Purchase Order as if repeated in total.

2.4. The Service Provider shall commence the Services on the scheduled commencement date stated in the Purchase Order and shall continue such Services for the duration of the Purchase Order. Each Purchase Order is subject to agreement on a case by case basis.

3. SERVICES

3.1. The Service Provider shall perform the Services with all due skill, care and diligence in a safe, competent and timely manner and in accordance with the requirements of the Agreement and/or the relevant Purchase Order.

3.2. Except to the extent that it may be legally or physically impossible, the Service Provider shall comply with the Company's instructions and directions in all matters relating to the Services consistent with the provisions hereunder.

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3.3. The Service Provider shall agree with the Company in the relevant Purchase Order from time to time as regards the personnel who will perform the Services and shall: only provide such personnel who possess appropriate experience, skills and qualifications necessary for the Services to be performed in accordance with this Agreement;

not remove or replace such personnel without the prior written consent of the Company (not to be unreasonably withheld); and

nominate a senior manager or director of the Service Provider to have overall responsibility for the provision of the Services in terms of the relevant Purchase Order, which person shall attend any meetings with the Company on reasonable prior notice.

3.4. The Company shall be entitled to request the Service Provider to replace any of its personnel providing the Services, where in the Company's reasonable opinion such person is incapable and or unsuitable for performing the Services required by this Agreement. The Service Provider shall promptly replace such person at no additional cost to the Company.

3.5. Without prejudice to any other rights of the Company under the Agreement or at law, if the Service Provider fails to perform the Services in accordance with the provisions of this Agreement, the Company may use alternative means to perform the Services and the Service Provider shall be liable for any additional cost incurred by the Company in using such alternate means.

4. FEES

4.1 The Company shall pay for the Services performed in accordance with the prices as per Attachment 2 to Schedule I and/or rates specified in the relevant Purchase Order.

4.2 In case of contingency assignments, the agreed fees for such onetime Services shall be payable on completion of the relevant assignment as per the Purchase Order.

5. SERVICE PROVIDER'S GENERAL OBLIGATIONS

5.1. The Service Provider shall, and the Service Provider shall ensure that its employees and representatives shall, in performing its obligations under this Agreement, comply in all respects with all relevant laws, statutes, regulations and orders for the time being in force.

5.2. Where any of the Service Provider's employees or representatives is present at any of the Company's premises for the purposes of this Agreement, the Service Provider shall at all times remain responsible for the conduct and safety of such employee or representative.

5.3. The Service Provider shall not, in performing its obligations under this Agreement, hold itself out or permit any person to hold it out as being authorised to bind the Company in any way and will not commit any act which might reasonably create the impression that it is so authorised.

5.4. The Service Provider shall ensure that it has in place and maintains in place for the duration of this Agreement sufficient insurance to comply with all applicable laws and to cover its potential liabilities under this Agreement and shall provide evidence of such insurances to the Company on request.

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5.5. The Service Provider may not subcontract any of its obligations under this Agreement without the prior written consent of the Company. The Service Provider shall not be relieved from any of its obligations or liabilities under the Agreement by virtue of any subcontract and the Service Provider shall be responsible for all Services, acts, defaults or omissions of its subcontractors (and its or their employees and consultants) as though they were the services, acts, defaults or omissions of the Service Provider.

5.6. In performing the Services, the Service Provider shall:

give preference to the purchase and use of goods manufactured, produced or supplied in India provided that such goods are available on terms equal or better than imported goods with respect to the timing of delivery, quality, quantity required, price and other terms;

subject to Clause 5.5, employ Indian subcontractors having the required skills or expertise to the maximum extent possible insofar as their services are available on comparable standards with those obtained elsewhere and at competitive prices and on competitive terms, provided that where no such sub-Contractors are available, preference shall be given to non-Indian subcontractors who utilise Indian goods to the maximum extent possible, subject to the proviso in Clause 5.6 (a) above; and

subject to Clause 5.5, co-operate with and assist Indian companies as subcontractors to enable them to develop skills and technology to service the petroleum industry.

5.7. The Service Provider shall maintain proper and accurate records in relation to the Services and shall provide copies of the same to the Company on request. The Company (or its appointed representative) shall have the right to audit the relevant books and accounts of the Service Provider in relation to any reimbursable charges paid for by the Company under this Agreement. Such audit right shall survive for a period of 2 (two) years following the expiry or termination of the Agreement. Any incorrect payments identified by such audit shall be adjusted between the Parties as appropriate.

6. THIRD PARTY CLAIMS AND LIMITATION OF LIABILITY

6.1. The Service Provider shall be liable for and shall defend, indemnify and hold the Company harmless from and against any and all claims, liabilities, costs, damages and expenses (including court costs and legal fees) in connection with:

(a) any claim made by any third party (including, but not limited to, any claim made by any governmental or statutory authority) against the Company arising out of or in connection with the performance by the Service Provider of its obligations under this Agreement.

(b) any infringement (whether actual or alleged) of any patent or other intellectual property right arising out of or in connection with the performance of this Agreement by the Service Provider.

6.2. Notwithstanding anything to the contrary in this Agreement, in no event shall either Party be liable to the other, whether arising under Agreement, tort (including negligence), strict liability or otherwise, for any indirect, consequential, special, punitive, exemplary or incidental loss or damages of any nature arising at any time from any cause whatsoever.

7. VARIATIONS

7.1. At any time during this Agreement, the Company may request the Service Provider to vary, amend or otherwise alter the Services (a "Variation Request").

7.2. Upon the receipt of a request from the Company pursuant to Clause 7.1, the Service Provider shall, within 7 days, notify the Company of the effect of the Variation Request on the Fees and/or other terms of the relevant Order.

7.3. If following receipt of the Service Provider's response pursuant to Clause 7.2, the Parties are in agreement on the Variation Request and the adjustments to be made to the relevant Purchase Order, the Parties shall execute a variation order (a "Variation Order") to reflect such agreement.

7.4. The Services shall not be varied, amended or otherwise altered and/or the Fees shall not be adjusted until such time as a Variation Order is executed by both Parties.

8. PAYMENT

8.1. In addition to any requirements set out in the relevant Purchase Order, each invoice shall:

be in duplicate; bear the Contract Number stated on the cover sheet to the Agreement;

state the name, e-mail address, mobile telephone number of the Company's Representative; and be accompanied by supporting evidence and itemised in accordance with the Company's requirements.

Specifically, the Service Provider shall submit the following information/documents to the Company:

Copy of registration certificates under Indian tax/other laws including but not limited to Service Tax, Excise, import export code etc., as applicable.

Copy of PAN.

Invoices to the Company shall be sent to the address set out in the Agreement. Service Provider must ensure that all invoices for services performed or goods delivered are submitted to the Company within 90 days.

8.2. The Company shall make payment of a correct invoice within 45 days of receipt to the Service Provider's nominated bank account. Any invoice not complying with the provisions of this Agreement will be returned by the Company and the Service Provider shall submit a rectifying invoice.

8.3. The Company may dispute any amount on an invoice and withhold the disputed amount provided that:

the Company makes payment of any undisputed portion of the invoice and notifies the Service Provider of the disputed amount within 45 days of receipt of the relevant invoice;

if the dispute is resolved in favour of the Service Provider, the Company shall pay the disputed amount within fifteen (15) days of the date of the resolution of the dispute or forty-five (45) days of receipt of the invoice, whichever is later.

If the dispute is resolved in favour of the Company, the Service Provider shall forthwith issue a credit note for the disputed amount.

8.4. The Company shall be entitled to set-off / adjust / deduct from any invoice under this Agreement, any payment due from the Service Provider to the Company or any of its Affiliates.

9. TAXES

9.1. Definitions

For the purposes of this Clause 9: "Tax" or "Taxes" means taxes, levies, duties, fees, charges and contributions as amended from time to time and any interest or penalties thereon;

"Government Authority" or "Government Authorities" means any local or national government or authority of any country, competent to levy any Tax.

9.2. Person Responsible for payment of taxes

Except as may be expressly set out in this Agreement, the Service Provider shall be responsible for:

the payment of all Taxes now or hereafter levied or imposed on the Service Provider or its subcontractors or on the personnel of the Service Provider or its subcontractors by any Government Authority in respect of any wages, salaries and other remuneration paid directly or indirectly to persons engaged or employed by the Service Provider or its subcontractors (hereinafter referred to as "Personal Income tax");

the payment of all Taxes now or hereafter levied or imposed by any Government Authority on the actual/assumed profits and gains made by the Service Provider or its subcontractors (hereinafter referred to as "Corporate Income tax");

the payment of all Taxes now or hereafter levied or imposed by any Government Authority on the services, if any, provided to the Company by the Service Provider

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or its subcontractors (hereinafter referred to as "Service tax");

the payment of all Taxes now or hereafter levied or imposed by any Government Authority on the goods, if any, sold to the Company by the Service Provider or its subcontractors (hereinafter referred to as "Sales tax/VAT");

the payment of all Taxes now or hereafter levied or imposed by any Government Authority on the goods, if any, manufactured by the Service Provider or its subcontractors for sale to the Company (hereinafter referred to as "Excise Duty"); and the payment of any other Taxes now or hereafter levied or imposed by any Government Authority on the Service Provider or its subcontractors as a result of the performance of this Agreement.

9.3. Withholding taxes and Withholding certificates

9.3.1. The Company shall, at the time of its payments due to the Service Provider, withhold the necessary taxes at such rate as is required by any Government Authority, unless and to the extent that the Service Provider shall produce to the Company any certificate issued by a Government Authority (having authority to issue such certificate) entitling the Service Provider to receive the payments under the Agreement for a prescribed period without deduction of any tax or deduction at a lower rate.

9.3.2. The Company shall provide the necessary withholding tax certificates to the Service Provider within the time stipulated by the relevant law to enable the Service Provider to file the same with the Government Authority as a proof of payment of such taxes.

9.4. Person Responsible for filing of returns / information to Government Authorities

9.4.1 The Service Provider shall be responsible for filing all necessary Tax returns (including, without limitation, returns for Corporate Income tax, Personal Income tax, Service tax, Sales tax and Excise Duty) with the relevant Government Authorities in accordance with all applicable statutory requirements and shall be responsible for providing all information requested by such Government Authorities.

9.4.2 The Service Provider shall also ensure that its sub-Contractors file such returns as stipulated by the relevant Government Authorities and furnish such information as requested for by the relevant Government Authorities.

9.4.3 The Company, with respect to the tax withheld from the Service Provider in accordance with Clause 9.3 (Withholding Tax and Withholding Tax Certificates), shall be responsible for filing the withholding tax returns with the relevant Government Authorities in accordance with applicable statutory requirements.

9.5. Company's rights, if treated as representative assessee by Government Authorities

In certain situations, a Government Authority may treat the Company as the representative assessee of the Service Provider and/or its subContractors and recover the Taxes due to the Government Authority by the Service Provider or its sub-contractors from the Company. In such situations, the Company shall have the following rights:

The Company shall be entitled to recover from the Service Provider, the Taxes paid on behalf of the Service Provider or its sub-contractors (together with any costs

and expenses incurred by the Company in connection therewith) or to retain the same out of any amounts to be paid to the Service Provider or its sub-contractors that may be in its possession (whether due under this Agreement or otherwise) and shall pay only the balance, if any, to the Service Provider; and

If the Company is required to furnish any details or documents in such capacity, the Company shall request the details or documents to be furnished to it by the Service Provider and the Service Provider shall immediately furnish the same to the Company. If the Service Provider fails to comply with the foregoing, any penalty/interest levied on the Company for non-filing or late filing of details or documents in this regard shall be recoverable from the Service Provider.

9.6. Indemnity

The Service Provider shall defend, indemnify and hold the Company harmless from and against any and all claims, liabilities, costs, damages and expenses (including court costs and legal fees) in connection with any Taxes which may be levied or imposed on the Service Provider or its sub-contractors by any Government Authority arising out of or in connection with the performance of this Agreement.

9.7. Changes in Law

If, after the date of execution of this Agreement, there is any change in law which results in a change in the rate of any Tax included in the Service Provider's prices or rates or the introduction of a new Tax and such change results in an increase or decrease in the cost to the Service Provider of performing this Agreement then the Parties shall agree to a revision in pricing to reflect such change provided that:

the Party requesting such revision shall promptly (and in any case prior to submission of the Service Provider's final invoice under this Agreement) notify the other Party that such change in law has arisen; and

the Party requesting such revision shall provide the other Party with documentary proof of such change in cost to the reasonable satisfaction of the other Party; and

the provisions of this Clause 9.7 shall not apply to changes in Personal Income tax or Corporate Income tax or to changes in non-Indian Taxes.

10. TERMINATION

10.1. The Company may, at any time and without cause, terminate all or part of this Agreement by giving no less than [30] days' prior written notice to the other Party.

10.2. In addition, the Company may terminate all or part of this Agreement with immediate effect by written notice to the Service Provider if one of the following

circumstances occurs:

if the Service Provider breaches any provision of this Agreement, provided that where remediable, the Company has notified the Service Provider of such breach and the Service Provider has upon receipt of such notice, failed to immediately and thereafter continuously proceed to remedy such breach to the Company's reasonable satisfaction; or if the Service Provider becomes insolvent or bankrupt or makes a composition or arrangements with its creditors; or

if the Service Provider is wound up or a resolution for its winding up is made (other than for the purposes of an amalgamation or reconstruction whilst solvent); or if the Service Provider has a liquidator, provisional liquidator, receiver, administrator or an administrative receiver or manager of its business or undertaking appointed; or if the force majeure under Clause 14 continues for more than thirty (30) days.

10.3. In the event of cancelation/ termination of all or part of this Agreement for any reason, the Company's sole liability to the Service Provider in respect of such cancelation/ termination shall be to make payment of the Fees properly due under this Agreement up to the date of termination.

10.4. The expiry or termination of this Agreement shall be without prejudice to the rights and obligations of the Parties up to and including the date of expiry or termination and shall not affect or prejudice any term of this Agreement that is expressly or by implication provided to come into effect on, or continue in force after, such expiry or termination.

11. CONFIDENTIALITY

11.1 The Company and the Service Provider shall keep any information which either Party learns about or receives from the other pursuant to this Agreement in strict confidence and will not disclose the same to any third party without the prior written consent of the other Party. The foregoing restriction shall not apply in respect of information which the Company requires to disclose for the purpose of performing Services or which was in the possession of the disclosing party prior to this Agreement or which is required to be disclosed by any law, rule or regulation of any governmental agency or court order. The provisions of this Clause shall survive the expiry of termination of the Agreement for a period of 3 years.

11.2 The Service Provider shall not disclose such Information(s) to any potential Subcontractors until such time and in manner agreed by Company in writing. The decision of the Company will be final and binding on the Service Provider in this regard.

11.3 The Service Provider shall use best endeavours to prevent the authorised disclosure of the all information hereunder. Where any information is required to be disclosed under Clause 11.1, the Service Provider shall give prompt notice to the Company and shall use its best commercial endeavours to limit the extent of any such disclosure.

12. NOTICES

12.1. Any notice or other communication required or given under this Agreement

shall be delivered in writing either by hand or by courier, registered mail with acknowledgment due, or fax to the address of the relevant Party set out in the Agreement (or such other address as may be notified by the relevant Party from time to time).

12.2. If a notice is delivered by hand or courier during normal business hours of the intended recipient it shall be deemed to have been received at the time of delivery otherwise on the next business day of the recipient. A notice sent by facsimile shall be deemed to have been received at the time when the sender's facsimile machine acknowledges transmission provided however that if the time of acknowledgement of transmission is after 5.00pm on a business day of the recipient it shall be deemed to have been received on the next business day of the recipient.

12.3. All notices or other communications between the Parties shall be in the English language.

13. GENERAL LEGAL PROVISIONS

13.1. The Company shall be entitled to assign this Agreement to an affiliate/subsidiary or on giving written notice to the Service Provider. Save as aforesaid, the Service Provider shall not be entitled to assign this Agreement or any part or any benefit or interest in or under it without the prior written approval of the Company which the Company may at its sole discretion accept or refuse.

13.2. This Agreement shall not be amended or modified except by mutual agreement in writing between the Parties.

13.3. This Agreement and the all Schedules and Attachments annexed hereto contains the whole agreement between the Parties relating to the subject matter of this Agreement, and supersedes any previous understandings, commitments, agreements or representations in respect of the subject matter. No terms or conditions endorsed upon, delivered or contained in Service Provider's quotation, acknowledgement or acceptance of the Agreement, specification or similar document will form part of the Agreement and Service Provider waives any right it otherwise might have to rely on such terms and conditions. No variation to any terms or conditions of this Agreement shall be valid unless expressly agreed in writing by both parties.

13.4. No delay or failure on the part of either Party to enforce from time to time all or any part of the terms and conditions of this Agreement shall be interpreted as a waiver of such terms and conditions.

13.5. Nothing in this Agreement shall, or shall be deemed to, create an agency, a partnership or a relationship of employer and employee between the Parties. For the avoidance of doubt, nothing in this Agreement shall prevent or restrict the Company from entering into parallel Agreements with other parties for services similar or related to the Services.

13.6. Unless otherwise specifically stated, both the Company and the Service Provider shall retain all rights and remedies, both under the Agreement and at law, which either may have against the other.

13.7. Each Party represents and warrants to the other that (i) it has been duly registered and organised and is a validly existing legal entity under the laws of

the jurisdiction of its incorporation and that it has full power, authority and capacity to enter into and to carry out its obligations under the Agreement and (ii) by performing the Services it will not be in breach of any other Agreement, agreement, license or permit or in violation of any law and (iii) it shall at all times act in accordance with applicable laws and regulations.

13.8. The Service Provider shall comply with all safety instructions of the Company consistent with the provisions of the Agreement including, without limitation, the safety instructions of any of the Company's other Service Providers. Such instructions shall, if the Service Provider so requires, be confirmed in writing by the Company's Representative, so far as practicable.

13.9. The Service Provider shall not be entitled, without the written consent of Company, to make any news release or public announcement concerning the subject matter of the Agreement or to refer to the Company, use its name or logo, in print or electronic forms for marketing or reference purposes.

13.10. If any provision of this Agreement is prohibited, invalid or unenforceable in any jurisdiction, that provision will, as to that jurisdiction, be ineffective to the extent of the prohibition, invalidity or unenforceability without invalidating the remaining provisions of this Agreement or affecting the validity or enforceability of that provision in any other jurisdiction, unless it materially alters the nature or material terms of this Agreement.

13.11. The provisions of this Agreement are solely for the benefit of the Parties. No other person are intended to have, nor will have, any rights whatsoever, under this Agreement, whether for injury, loss or damage to person(s) or property or for economic loss.

13.12. This Agreement may be executed in one or more counterparts, each of which will be deemed to be an original copy of this Agreement and all of which, when taken together, will constitute one and the same instrument.

14. FORCE MAJEURE

14.1. Neither the Company nor the Service Provider shall be responsible for any failure to fulfil any term or condition of the Agreement if and to the extent that fulfilment has been delayed or temporarily prevented by a force majeure occurrence such as any (a) Act of God, (b) fire, flood, earthquake, (c) war, riot, insurrection and civil commotion, mobilization or military, call up of a comparable scope, which has been notified in accordance with this Clause 14 and which is beyond the reasonable commercial control and without the fault or negligence of the party affected and which, by the exercise of reasonable diligence, the said party is unable to provide against.

14.2. In the event of a force majeure occurrence, the party that is or may be delayed in performing the Agreement shall notify the other party without delay giving the full particulars thereof and shall use reasonable endeavours to remedy the situation without delay.

14.3. Save as otherwise expressly provided in the Agreement, no payments of whatever nature shall be made in respect of a force majeure occurrence.

14.4. Following notification of a force majeure occurrence in accordance with Clause

14.2. the Parties shall meet without delay with a view to agreeing a mutually acceptable course of action to minimise any effects of such occurrence.

15. BUSINESS ETHICS

15.1. The Service Provider shall declare any conflicts of interest with the Company including relationship or financial interest of any nature whatsoever with employees, managers, other suppliers, vendors or stakeholders of the Company.

15.2. The Service Provider shall not use the services of any of the employees of the Company, directly or indirectly or enter into any sort of monetary transaction with the employees of the Company. The Service Provider undertakes that he has not given, offered or promised to give directly or indirectly any bribes, commission, gift, consideration, reward, or inducement to any of the employees of the Company or their agent or relatives for showing or agreeing to show favor or disfavor to any person in relation to this Agreement or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of the aforesaid undertaking, by the Service Provider, or his partners, agent or servant or any one authorized by him or acting on his behalf. The Service Provider undertakes that in the event of use of any corrupt practices by the Service Provider, the Company shall be entitled to terminate the Agreement forthwith and recover from the Service Provider, the amount of any loss arising from such termination. A decision of the Company or his nominee to this effect that a breach of the undertaking had been committed shall be final and binding on the Service Provider.

15.3. If at any time during execution or performance of this Agreement the Service Provider is faced with any undue demand, request for gratification or favor from any employee of the Company or a person connected with such employee, the Service Provider must report the same immediately at sgl.whistleblower@vedanta.co.in.

15.3. The Service Provider agrees to comply with the provisions of the Company's Code of Conduct including the Modern Slavery Act and in case of breach thereof, the same shall be treated as a breach of this Agreement.

15.4. (a) The Service Provider agrees to comply with the provisions of the Company's Supplier Code of Conduct and the Company's Human Rights Policy including the Modern Slavery Act and in case of breach thereof, the same shall be treated as a breach of this Agreement.

(b) The Service Provider shall maintain records and provide to the Company upon request such records and evidences, as the Company may reasonably require, confirming the Service Provider's compliance with the obligations under Clause 15.4(a).

15.5. The Company shall have a right to initiate "audit proceedings" against the Service Provider to verify compliance with AB&C requirements. Such audit may be carried out by Company or by a reputed agency to be appointed by Company at the sole discretion of Company. The Service Provider shall extend full cooperation for smooth completion of the audit mentioned herein.

15.6. Notwithstanding anything in this agreement, Company shall have right to

terminate the Agreement forthwith in case, it is found that the Service Provider has failed to comply with AB&C requirements.

15.7. The Service Provider may submit/report 'Complaints' pertaining to any violation to the Company's ethical business practices as specified in the Company's Code of Conduct Policy.

External stakeholders such as vendors, customers, business partners etc. have the opportunity to submit 'Complaints'; however, the Company is not obligated to keep 'Complaints' from non-employees confidential or to maintain the anonymity of non-employees. We encourage individuals sending 'Complaints'/raising of any matter to identify themselves instead of sending anonymous 'Complaints' as it will assist in the effective complaint review process.

Post review, if the complaint is found to be have been made with malafide intention, stringent action will be taken against the complainant. We encourage reporting genuine 'Complaints' and those submitted in true faith.

All the 'Complaints' under this policy should be reported to the Group Head-Management Assurance at the following address:

Group Head - Management Assurance,
Vedanta, 75 Nehru Road
Vile Parle (E), Mumbai 400 099

'Complaints' can also be sent to the designated e-mail id:
sgl.whistleblower@vedanta.co.in

16. GOVERNING LAW AND DISPUTE RESOLUTION

16.1. This Agreement shall be governed by, construed and enforced in accordance with the laws of [Local Jurisdiction in Goa / Local Jurisdiction Karnataka /Delhi], India.

16.2. Any dispute or difference whatsoever arising between the parties out of or relating to the interpretation, meaning, scope, operation or effect of this Agreement or the existence, validity, breach or anticipated breach thereof or determination and enforcement of respective rights, obligations and liabilities of the parties thereto shall be amicably settled by way of mediation. If the dispute is not conclusively settled within a period of twenty-one (21) days from the date of commencement of mediation or such further period as the parties shall agree in writing, the dispute shall be referred to and finally resolved by arbitration under the Arbitration and Conciliation Act, 1996 (as amended from time to time), which are deemed to be incorporated by reference into this clause. The arbitration shall be conducted as follows:

(i) A sole arbitrator shall be appointed in case the value of claim under dispute is less than ₹ 50,00,000 (Rupees Five Million Only) and in any other event by a forum of three arbitrators with one arbitrator nominated by each Party and the presiding arbitrator selected by the nominated arbitrators.

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(ii) The language of the mediation and arbitration proceedings shall be English.

17. STATUTORY REGULATIONS/LABOUR LAW & USE OF SAFETY PPE's etc:

a. The contractor will be required to observe all the statutory Rules & Regulations as applicable to such type of jobs strictly. If any amount becomes payable by SESA GOA IRON ORE as a result of any violation/non-compliance of term of any statutory Act, rules & regulations, the same shall be recovered from the contractor's bills and/or security deposit and/or otherwise or from any other sum due or owing to the contractors.

b. The contractor shall employ and pay his staff in accordance with all statutory regulations as may be applicable to such employment in Owner's premises.

c. The contractor shall confirm to all the Labour Laws governing the workmen engaged by directly or through a sub-contractor and implement the provision of Factories Act/ Mining act (as the case may be), P.F. Act, Bonus Act, Gratuity Act, Minimum Wages Act, Payment of Wages Act, Workmen Compensation Act, Contract Benefit Act, Contractor Labour Regulation & Abolition Act, Motor Vehicle Act and all other Acts applicable. Rules and regulations framed there under and also provisions of any other acts as may be applicable to the Owner's premises or his workmen.

d. Contractor will provide canteen facility as applicable to his workmen/labours. Contractor shall avail the Canteen facility available in the premises for their workmen/labours and proportionate subsidy will be borne by the contractor.

e. The Contract will engage only those workers to execute the contract awarded who are medically fit to execute the work.

f. The Contractor shall submit Form 30, certified by a govt. doctor/dispensary proving the Medical Fitness of all his workers engaged for the contract, at the time of getting the Gate Passes for them.

g. The Contractor shall ensure that all his workers engaged under the contract shall undergo the PME as scheduled by SESA GOA IRON ORE.

h. The contractor shall cover all the workers engaged by him against the risk arising out of any accident/injury during and in the course of employment in accordance with provisions of Workmen Compensation Act, 1923, and he shall only commence the work on production of documentary evidence in support of the above.

i. The contractor shall supply an identity card to each of the worker engaged by him.

j. The contractor shall notify to the Owner regarding rate of wages paid by him to the workers prior to the commencement of the work. The same along with the working hours, weekly holidays should also be displayed in the local language known to the workers at the place of work in legible condition.

k. The contractor shall ensure the age of workmen and the contractor shall not engage any child Labour in any work. Contractor shall ensure not to employ child labour i.e. less than 18 years of age.

l. The contractor shall take all necessary steps and precautions to ensure that his workers and employees posted for the work under the terms of the contract, shall work within the Factories Act or Mining Act (as the case may be & applicable) and all other acts and rules and regulations framed there under and shall also maintain

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necessary records and responsible to the company's engineers/officials in this regard.

m. The contractor shall intimate the report of accident, if any occurring in the course of scope of employment within one hour from the occurrence of accident to reporting officer In- Charge. .

n. The contractor shall maintain and produce relevant record as per the provisions of the aforesaid act, rules and instructions, on demand from statutory authorities or from the authorized concerning officers of the company and any failure on the part of the contractor in this regard will be deemed as violation of the contract and shall also file returns/reports to concerned statutory authorities.

o. Contractor will provide helmet, safety shoes, other safety PPE's and apparatus as required of approved quality by owner's safety dept to the workers deployed by him for this work. The contractor shall comply with all Safety Rules and Regulations laid down under the Factories Act, 1948 and Rajasthan Factories Act 1951. The violation of the same will not be allowed and non compliance will attract penalty fixed by the department concerned and/ or failure on the part of the contractor in this regard, will be deemed as violation of contract. Management reserves the right to cancel work order under such circumstances.

p. If any amount becomes payable by the owner as a result of any claim or applicability of the provisions of the said acts and any other legislation and rules/regulations there under, such amount shall be recovered from the Contractor by Owner.

q. Persons engaged by the contractor in connection with the performance of the contract, shall be employees of the contractor and if any claim shall be lodged against the Owner in respect of non-payment of wages etc. of any description, due from the contractor in the discharge of his duties to his employees, such amount will be recovered from the contractor.

r. In all the workmen compensation insurance policies, the "Principal's Interest Protected" should be covered specifically as a clause in the policies issued.

s. The eligible contractor will have own code for PF & ESIC to complete all the formalities required under P.F. and E.S.I. rules before taking up the job. After completing these formalities only, the work will commence.

t. In case of failure on the part of the contractor to make the payment to its labor/ to pay dues like PF, ESI, EDLI, Final settlement etc. in time, SESA GOA IRON ORE shall be at liberty to make payment of the same and besides the amount involved, administrative charges for the time spend in working out and making payment of the liabilities at actual plus penalty and interest at the sole discretion of the management shall be levied and deducted from any pending bills or from the any other amount payable to the contractor.

u. The contractor shall employ in and about the execution of the work only such persons as are skilled and experienced in their respective trades and the officer in charge/ Reporting officer shall be at liberty to object to and require the contractor to remove from works any person employed by the contractor in or about the execution of the works who, in the opinion of the reporting officer, misconducts himself or is incompetent or negligent in the proper performance of his duties and

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such person shall not be again employed upon the works without permission of the reporting officer.

v. The contractor shall not at any time do, cause or permit any nuisance on site or do anything which shall cause unnecessary disturbance or inconvenience to owner and to the general public.

w. The female workers shall not be allowed to work in the vicinity of moving machinery in the plant area.

x. The Contractor shall employ such labour on the works of the Principal Employer who have educational qualifications, age, experience and medical standards as per mutually agreed specifications. The Contractor shall employ required number of competent and qualified Supervisors to "supervise and control" his workmen, to take attendance of labour, to disburse payment of wages and to do such things as are necessary to maintain discipline among workers. The Contractor shall have the sole discretion to decide on engaging, rewarding or terminating the services of his workmen.

y. CONTRACT LABOUR EMPLOYED IN THE FACTORY PREMISES: The Contractor shall observe all provisions of the Factories Act, including in respect of Working hours, Holidays~' Rest intervals, Spread over, Leave and Over-time to his Contract Labour. All payments, as due and admissible under the law in this respect shall be his sole responsibility.

z. WOMEN CONTRACT LABOUR: In case of necessity & specific permission from owner, Contractor employing women as contract labour, he shall discharge his obligations under the law in respect of such women workers such as:

" Equal wages for equal work.

" Prohibition of engaging them during night hours.

" Prohibition of employing them for more than 9 hours per day.

" Provision of Crèche facilities.

" Grant of Maternity Benefits admissible as per law.

aa. INTER-STATE MIGRANT WORKMEN: The Contractor shall not employ any Inter-State Migrant Workmen as defined in the Inter-State Migrant Workmen Act in the establishment without due information to the Principal Employer. He shall furnish immediately all details in respect of such labour.

18. SAFETY:

a. The Contractor shall follow in letter and spirit the SESA GOA IRON ORE's safety policy, if not available contractor shall collect the same and this shall not be an excuse for violation) and shall ensure that safety measures as recommended and stipulated in the Policy are adhered to and shall take all safety pre-cautions while work is under progress and also ensure that the labour do not indulge in any unsafe and hazardous practice.

b. Contractor shall ensure that PPE such as safety Helmet, Gloves, Safety shoes, Full body harness, safety net, fall arrester and any other PPE as may be required for safe execution of job are provided to the workers engaged and the same are strictly used during execution of the job. In case any worker is found violating

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this condition and moving in the plant without mandatory PPE's or carrying out the work without personnel protective equipments as listed in work order SESA GOA IRON ORE reserves the right to cancel the Gate passes/Blacklisting of the worker involved.

c. Contractor shall ensure that safe working conditions are maintained. All PPEs provided by the Contractor to his workers should be ISI marked. Specifications and Make should be approved by SESA GOA IRON ORE. Any safety appliances, if needs to be issued to contractor, shall be issued on chargeable basis and the amount shall be deducted from the contractor's bills.

d. Party shall submit and get approved safety measures to be taken for height jobs.

e. The work should be started only after obtaining Work Safety Permits from the concerned Engineer-in-charge before commencing the job & executed under strict safety precautions and supervision of authorised and experienced supervisors. Dedicated supervisor has to be deputed at each work site. Supervisors experience credentials are to be submitted and only authorised supervisors should take the work permit.

f. Only duly tested tools, tackles & appliances as per statutes in force shall be used & a copy of their certificate shall be submitted to our Safety Department. The contractor will make the arrangement of his work in such a manner so that it does not become obstruction to any other activity, which is going on around it. Any injuries to human beings / property damage on account of negligence will be at the cost of Contractor.

g. The Contractor will be responsible of reporting all minor/major accidents/near misses/unsafe conditions to the HOD, Safety Department and HR at the earliest. In case of Accident minor/major the injured should be taken to the plant dispensary immediately.

h. The contractor shall observe safety rules as laid down under the Factory Act, 1948 and Rajasthan Factories act 1951 or any other state/central law/regulation. The owner has the right to object to unsafe practice as followed by the contractor and direct him to carry out the job in a manner as considered safe. The contractor shall be solely responsible for the consequence/penalties arising out of non-compliance or violation of safety rules/regulations.

i. In case of any reportable accident involving Contractor or his workman and if the investigation proves that accident has taken place due to violation of any safety norms or due to unsafe action performed by staff during execution of job, SESA GOA IRON ORE LIMITED- SESA GOA IRON ORE reserves the right to impose a penalty up to 2.5% of the Contract value, subject to a minimum of Rs.5000/- .Further SESA GOA IRON ORE reserves the right to terminate the contract and get the job executed through another contractor at your risk and cost.

j. All Hydra Cranes working in the premises should be equipped with following mountings: -

" Wheel guard must be provided on all tyres of the hydras.

" To have clear vision of hydra operator on operation, only Front Cabin type (

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Escort - TRX series or equivalent) of desired capacity need to be deployed.

" Beacons with audible sound should be fitted on all hydras so that the passerby can be kept alerted while hydra is moving.

19. INSURANCE

a. The Contractor shall be solely responsible for all equipment and materials installed/used by it for execution work covered in the Contract, and will obtain a comprehensive liability insurance cover at its own cost.

b. In case of any damage, loss, pilferage of equipment and materials, the Contractor shall arrange prompt replacement.

c. All claims in the insurance policy shall be lodged and pursued by the Contractor solely and the Owner shall have no liability in this regard.

d. Before commencement of the work, the Contractor shall ensure that all its employees and representatives are covered by suitable comprehensive insurance against any damage, loss, injury or death arising out of the execution of the work or in carrying out the Contract as to cover all risks including but not limited to "Workmen Compensation Insurance Act & Rules made there under and with endorsement of PRINCIPAL'S INTEREST PROTECTED" clause. This insurance coverage shall continue during the entire period of Contract. At the request of the Owner, the Contractor shall furnish to the Owner the relevant policy and premium receipt in respect of the said insurance.

e. The risk, cost and consequence of the Contractor's failure to arrange for insurance coverage as specified above shall to be solely to Contractor's cost and account and Owner shall have no liability whatsoever thereof.

20. MINIMUM WAGES

The contractor shall comply with the provisions of minimum wage payment to his workmen/ manpower employed as applicable to such category.

21. ENTRY IN PREMISES & PAYMENT OF CONTRACT LABOUR

a. The Contractor shall be an independent Contractor under these presents. Any and all workmen and laborers hired for providing services under this Contract shall remain solely on the roll of the Contractor and shall not at any time claim employment with the Owner. The Contractor shall be responsible for compliance of all relevant Labour and industrial laws, rules and regulations. Contractor shall ensure that all the workmen deployed are of good conduct and morale. Contractor shall arrange to obtain necessary gate passes from HR Deptt., on application duly completed in all respects. Contractor shall make wage payment subject to minimum wages as stipulated on monthly basis to its Labour/workmen on the 7th date of following month in presence of representative of HR dept. and obtain No-Objection certificate for submission along with bills to Reporting Officer for processing of payment.

b. Contractor shall not employ any other contractor's employee at owner's site without having an appropriate NOC from the respective contractor & notifying to Reporting Officer. The Contractor shall have necessary Police verification of the

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labour being employed or engaged by him.

22. CONTRACTOR'S OFFICE AT SITE:

a. The contractor shall provide and maintain an office near to Site for the accommodation of his personnel and staff and such office shall be open at all reasonable hours to receive instructions, notices or other communications. He has to intimate address and telephone/ Fax No. to reporting officer in writing. Contractor's representative shall remain in close contract with the office of reporting officer for day to day operation/ execution of the work as per contract.

b. Vacating the Owners Premises: The Contractor shall vacate the Owners premises and remove all his equipment, material etc. within 7 days of notice by the Owner under the following circumstances: -

" Expiry of Contractual period and

" Termination of contract as per provisions of contract.

In case of Contractor's failure to vacate the premises within 7 days of notice as specified in Article above, the Owner reserves the right to dismantle or get it dismantled his site facilities and remove all equipment, material etc. and recover the expenses incurred thereon.

c. Site Clearance:

" Site Clearance in Course of Performance: In the course of carrying out the Contract, the Contractor shall keep the Site reasonably free from all unnecessary obstruction, store or remove any surplus materials, clear away any wreckage, rubbish or temporary works from the Site, and remove any Contractor's Equipment no longer required for execution of the Contract.

" Clearance of Site after Completion: After Completion of all parts of the Facilities, the Contractor shall clear away and remove all wreckage, rubbish, temporary facilities and debris of any kind from the Site and dispose it at the designated area with proper levelling and dressing and shall leave the Site and Facilities clean and safe.

23. SUB CONTRACT

a. The Contractor shall not engage any sub-contractor without the specific permission in writing from the Principal Employer.

b. Where so permitted, he shall furnish an Indemnity Bond to the Principal Employer indemnifying the Principal Employer from any action of his sub- contractors involving breach of any legal practices and company procedures.

c. Contractor shall not be relieved from any obligation under this contract by entering into any subcontract and Contractor shall be responsible for the acts,

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defaults and neglects of any Sub-contractor, its employees, agents, representatives, servants, or workmen as fully as if they were the acts, defaults or neglects of Contractor, its employees, agents, representatives, servants or workmen.

d. Transfer, Assignment and Sub Letting: The contractor shall not sub-let, transfer or assign this contract or any part thereof (or any benefit or interest therein and there under) without written consent of SESA GOA IRON ORE. But such consent of SESA GOA IRON ORE, if given, shall not relieve the contractor from any liability or obligation under this contract and the contractor shall be responsible for all acts, defaults and neglects of the subcontractor, his agents and employees fully as if these are the contractor's own acts.

24. PENALTY FOR COMPLIANCE VIOLATION

The Service Provider shall ensure that the Service Provider and its employees/representatives/agents, in performing their obligations under this Agreement, comply in all respects with all relevant laws, statutes, regulations and orders for the time being in force.

In the event the Service Provider fails and/or defaults to comply with the statutory provisions, within the stipulated period, with respect to, but not limited to, payment of wages to the workmen, contributing towards the PF and ESI, filing of returns, etc. and/or if the Service Provider fails and/or defaults to comply with the statutory provisions with respect to, but not limited to, working hours, overtime, etc., the same shall amount to a breach of this Agreement and the Company shall at its sole discretion and after giving notice to the Service Provider forfeit the following amounts (with an objective to ensure no non-compliance of the statutory provisions) from the monthly invoice value of the Service Provider, in the following manner:

- i. If the Service Provider has 100 or more than 100 workmen: Rs. 50,000/- or 5% of the monthly invoice value (whichever is lower);
- ii. If the Service Provider has 50 or more than 50 workmen: Rs. 25,000/- or 5% of the monthly invoice value (whichever is lower);
- iii. If the Service Provider has less than 50 workmen: Rs. 10,000/- or 5% of the monthly invoice value (whichever is lower).

The said amounts recoverable from the Service Provider in terms of this clause shall be applicable independently for each instance of failure and/or default and the repetitive occurrences of such failure and/or default shall entitle the Company to terminate this Agreement at its sole discretion, without giving any notice to the Service Provider.

Provided that if the Company is held liable for such non-compliance of the Service provider by any statutory authority and the amount of fine, penalty, etc. imposed on the Company by the said statutory authority is more than the amount recovered or recoverable from the Service Provider under this clause, then the Company shall also have the right to recover such excess amount of the fine, penalty, etc. from the Service Provider.

25. VEDANTA SUSTAINABILITY CLAUSES

1) Health, Safety and Environment (HSE) Systems

Designation of Supervisor: The Contractor shall specify one of its employees as the Site HSE Supervisor who shall be responsible for attending HSE matters at all levels at the site of work, including emergency response.

Attendance of contractor: The contractor shall ensure that its site HSE supervisor is present at the place of work and performs supervisory functions at all times whenever four or more workers of the contractor or its sub-contractors are present at the place of work.

Statutory Compliance: Contractor shall identify, document and comply with all pertinent Health, Safety and Environment (HSE) laws and regulations, approvals, licenses and permits which are applicable to the services and conduct of activities.

Contractor shall conduct internal inspections and record to ensure full implementation of requirements and compliance with the system at the site. Contractor shall provide documentary evidence that it has complied with the system, on company's demand.

Contractor Site Management Plan: The contractor should comply to plan submitted by him in his bid document on how to manage and improve the work site.

2) Hazard and Risk Assessment

Pre and Post Job Safety Assessments: Contractor is responsible and accountable for ensuring effective procedures and assessment systems are in place to meet all HSE conditions.

Prior to the commencement of any operation / activity, Contractor must undertake a hazard and risk assessment, such as a job safety analysis or job risk analysis including control and mitigation process. The risk assessment should cover the following aspects of workplace:

- " General Safety and Environmental Management Procedures
- " Waste Disposal
- " Equipment Decommissioning
- " Water Discharges
- " Material Storage / Spills
- " Storm Water Management
- " Use of Asbestos, Lead, CFCs and other objectionable chemicals.
- " Hot working, gas welding , etc
- " All electrical works
- " Work at heights including scaffolding

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- " Demolition
- " Construction work of any kind
- " Transport management
- " Tank cleaning or testing
- " Confined space, etc

3) Awareness, Competency and Behavior

" Awareness: Before commencement of any Services, Contractor shall at its own expense ensure that Contractor's Personnel have been given the necessary HSE training including training in hazard identification, risk analysis, safe working behavior etc. The HSE training shall include a briefing explaining the nature of the part of the Services they will be performing, a job safety analysis and description of the hazards, which may be encountered during the performance of the particular tasks, which they are required to perform. During such training, Contractor shall emphasize the fact that each person has an obligation to stop an act or task if it is unsafe.

" Contractor shall ensure that Contractor's Personnel attend refresher courses to maintain familiarity with current procedures. Contractor shall provide evidence of completion of all training and competency assessments upon request by Company.

" All Contractors' Personnel arriving on the site shall attend the Contractor's or Company's HSE inductions including a review of the site's safety procedures including Permit to Work and evacuation.

" Contractor shall ensure safety meeting schedule, including but not limited to pre shift safety meetings, safety toolbox meeting, safety committee meetings and management review meetings.

" Competency: The contractor shall ensure that all of its supervisory personnel performing work possess any specific competencies or qualifications, experience, responsibility and authorities required by applicable occupational health and safety laws, and shall provide proof of same satisfactory to company upon request.

" Behavior: The contractor should provide adequate guidance so that contractor's personnel works to reduce workplace incidents and improve safe performance at all times. The contractor shall ensure that his staff conducts in a fit and proper manner whilst on site. Failure to do this may result in the removal or exclusion of such persons from the site.

4) Change Management:

If there is a change in site supervisor and contractor management personnel, it shall be notified to designated contractor manager as a part of Management of Change

(MOC) process. This also includes reassess hazards and risk where the changes occur to the work scope, plant and equipment and the working environments.

5) Incident Reporting

" Reporting: Any accident, injury, near misses, fire, explosion, spill of chemicals, environment degradation etc involving Company or Contractor's personnel, property or any third party property shall be reported immediately to Company, irrespective of whether injury to a person or damage to property or equipment resulted.

" Access to site: If Company exercises its right to conduct its own investigation; Contractor shall provide Company with all reasonable assistance to allow & to complete its investigation.

" Learnings: Contractor shall implement the learnings from incident to prevent a recurrence. Contractor must share lessons learned with Contractor's Personnel.

6) Safety Interaction

The contractor must conduct regular safety interactions of its Personnel in accordance with the Company's safety interaction process. The number and frequency of safety interactions to be performed will be at the discretion of the Company Representative. Quality assessments of the safety interactions will be undertaken by the Company's HSE Personnel.

The Service Provider must conduct investigations into incidents, accidents and injuries by its Personnel or involving its equipment and property in accordance with the Company's incident investigation process. Action items must be created to prevent recurrence and be closed out before due dates.

7) Emergency Drills

Contractor shall participate in emergency response drills to test the effectiveness of its emergency procedures and equipments and the knowledge and proficiency of Contractor's Personnel.

Contractor will provide with their emergency response plan (ERP) which must be adoptable to suit the site.

8) Cardinal Rule*

Contractor shall ensure that all Contractors' Personnel follow the six safety Cardinal Rules. The rules are:

- Mandatory and Job Specific PPEs must be used
- No person shall enter the plant / mines under the influence of alcohol or drugs

of abuse

- Always fasten seat-belt while travelling
- Do not over-ride and interfere with any safety features / devices
- Follow permit to work system
- Immediately report all incidents to management

On violation of Cardinal Rules, yellow card will be issued to the concerned personnel and disciplinary action will be taken which may result in suspension of personnel also.

* (Cardinal Rules may vary from company to company or from Division to Division or updated from time to time, applicable rules should be followed)

9) Personal Protective Equipment

Contractor shall, at its own expense, supply Contractor's Personnel, where required, in connection with the safe performance of the Services, with adequate protective clothing and other protective equipment including first aid which shall be maintained in good condition or replaced, and shall be worn at all times where required to manage potential injury hazards associated with a work activity under this Contract.

Contractor shall ensure that his personnel have been trained in the correct use and application of PPE. All such training shall be documented and available to company on request.

10) Equipment, Tools, Tackles and Resources

Contractor shall ensure that all plant, tools and equipment used by Contractor's Personnel in the performance of the Services are suitable for use for the particular task or tasks for which they are to be used, are maintained in safe and operable condition and that users of the plant, tools and equipment are trained, experienced and where necessary, licensed and certified to operate them.

Contractor shall maintain a register of all lifting equipment and tackle. Contractor shall, upon request, provide certification of inspection within the previous twelve months for all cranes and lifting slings and tackle before the equipment is used for the Work, and/or shall carry out such tests and inspections as are requested by applicable regulatory authorities. Safe Working Load (SWL) and radius charts shall be available for all lifting equipment and shall be marked on the equipment. Contractor shall ensure pre-inspection of lifting tools tackles including wire rope slings, clamps, shackles, hooks etc. before taking up the job. Company reserves the right to require, Contractor to inspect any lifting gear that does not meet the requirements stated above. All equipment shall be stored and operated in accordance with the manufacturer's specification and guidelines.

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Contractor shall maintain up to date copies of all tests and maintenance certificates relating to cranes, lifting beams pulley blocks and lifting gear, and shall make them available to the Company upon demand.

All tools & tackles required for the execution of the job shall be arranged by contractor. Also a periodic audit would be undertaken to assess the condition of such tools and tackles.

While using their equipment and carrying out any job, if any equipment / installation belonging to company or any other agency at site is damaged by contractor, it will be made good at the risk and cost of contractor.

Detailed risk assessments shall be conducted for all equipment to identify all foreseeable hazards and determine the most appropriate controls to mitigate the risks associated in using in accordance with HSE laws and regulation.

Vehicles operating in company premises shall observe all parking and speed restrictions, road signs and traffic rules as per company policy.

11) Material Safety Data Sheets

The contractor shall maintain, at the job site, Material Safety Data Sheets for all hazardous materials and products taken onto the job site.

Products are stored in appropriate containers clearly labeled prior to sending to site, all hazard substances are risk assessed to determine their safety requirements and suitability for use.

2 12) Safety Policy & Work Permit

I). Safety Policy

Vedanta group of companies and it's Contractors share the responsibility for attempting to ensure that no person/people are harmed as a result of construction, fabrication, erection, maintenance or related activities. As a consequence, Vedanta group requires that contractors operate safely and in accordance with the appropriate legislation and Vedanta group Environmental Health and Safety guidelines as documented in safety manual. Contractor shall obtain copy of Company's Safety Manual from Company's Authorised Representative/ Engineer, before starting the work.

II). Safety Work Permit

The Contractor shall obtain necessary safety work permit(s) from the Company's Authorized Representative/ Engineer, before starting the work. All such safety

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permits once issued to the Contractor shall be available at the work site for inspection, as and when required. Format for safety work permit is available with the Company's Authorized Representative

III). Safety Requirements

a. The Contractor shall ensure that all work undertaken by the Contractor conforms to the requirements of all existing statutory laws and regulations in matters of health, safety and environmental protection

b. The Contractor shall ensure that all work undertaken by the Contractor conforms to the requirements of all existing statutory laws and regulations in matters of health, safety and environmental protection

c. The Contractor shall carry out regular safety inspection of all the equipment, tools and temporary works used by him at Site as well as of the work site and satisfy himself that all safety measures are being properly maintained. He shall also arrange to carry out load tests on erection equipment and tools from time to time through authorized agencies and maintain records of the test results.

d. The Contractor shall promptly notify the Company's concerned Authorised Representative of any accident, which occurs at the Site, major or minor, whether or not affecting person & property; which resulted or could have resulted in an injury or damage to the property, and shall actively assist the Company in resulting investigations, if any

e. The Contractor shall intimate to the Company's Authorised Representative before commencing work, the name of a 'key person' from his organization who shall (a) be fully responsible for safety of persons and (b) ensure safe practices during the execution of the Contract.

f. The Contractor shall ensure that at least one of his Safety Manager is always present at the work site during execution of works. This Safety Manager will take full responsibility for safe work practices including good housekeeping. In case of any violation of safety procedures or any unsafe acts are performed by the Contractors personnel, Company reserves right to penalise the Contractor and also demand replacement of the Safety Manager.

g. Contractor shall follow the site Permit to Work (PTW) system for carrying out hazardous activities that includes following (but not limited to) activities. The contractor shall not perform any of such activities without first obtaining and displaying the applicable work permit at the project site:

I). Hot work

II). Confined space entry

- III). Working at height
- IV). Breaking into piping
- V). Lockout / Tagout / isolation etc.
 - a. Excavation or drilling into the ground or a concrete building slab using powered equipment
- I). Hazardous substance handling, etc.
- II). Excavation / trenching
- III). Chemical management MSDS's
- IV). Any government related permit

13) Health and Fitness

Each contract employee shall undergo a pre-employment medical check and periodical medical examination (PME) as per the company guidelines by a company approved doctor/ medical personnel and cleared for the type of work he/ she will undertake, prior to the commencement of work.

Contractor shall ensure that all Contractors? Personnel are able to perform the essential functions of their respective assignments and shall certify the same to Company if so requested by Company or if required by law. Contractor's medical assessment process shall equal or exceed the requirements of Company's medical assessment procedure.

Contractor shall ensure health assessment, monitoring and management of contract personnel exposure to noise, dust and other physical hazards that have the potential to be harmful to health.

14) Disease

Contractor shall ensure that any of Contractor's Personnel who exhibit any symptoms of any severe infectious disease that is communicable by air or surface contact immediately make appropriate arrangements to be medically assessed and removed from the Site until they have received medical clearance and can provide proof of such clearance.

15) Hygiene and Housekeeping

Contractor shall ensure that Contractor's Personnel maintain high standards of hygiene and housekeeping on the Site. Contractor shall conduct routine hygiene and housekeeping inspections on the site to ensure that standards are maintained.

Contractor shall collect and segregate scraps generated by their activities or services by creating separate bins and finally deposit or utilize as per the

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directions of COMPANY.

16) Environment Protection

Contractor shall ensure proper collection and storage of used oil and waste oil generated at site. The used oil and waste oil collected so shall be disposed off in compliance to law. Any oil / grease soaked cotton waste would be collected from site of work and suitably disposed as per the guidelines.

Contractor shall use appropriate Personnel protective equipments and follow requisite procedure for handling, transportation and storage of Hazardous wastes inside the plant including disposal sites owned by company.

Contractor shall be solely responsible for damage caused to the surrounding / environment during transit.

Contractor shall ensure optimum use of water, energy and other resources while providing services and also work for loss prevention in the form of leakages, spills, overflows, wastages etc

Contractor shall be solely responsible for the legal actions that may be initiated consequent to environmental hazards as aforesaid.

Contractor would ensure that spillages, leakages and overflows etc are attended immediately on notice or on intimation.

17) Smoking

Contractor's Personnel shall not smoke at the work site except within designated smoking areas.

18) Contractor Accommodation

Where the Contractor's Personnel provides accommodation for contract workers, the accommodation shall be appropriate for its location and be clean, safe and, at a minimum, meet the basic needs of workers. In particular, the provision of accommodation shall meet national legislation and shall have the minimum following:

- " Provision of sanitary, laundry and cooking facilities and potable water
- " Safe location w.r.t health, hygiene and fire risks.
- " Provision of first aid, medical facilities and proper ventilation.
- " Building material shall be suitably inflammable, have smoke and fire alarms fitted and include other safety checks to prevent fire.

19) Clearance of Site

On a continuous basis consistent with Good Industry Practice during the progress of the Works the Contractor shall clear away and remove pursuant to the directions of the Owner from the Site all scrap, debris, other waste materials. The Contractor shall, leave on the Site for the Owner such temporary works as instructed by the Owner, free of charge.

The Contractor shall at all times and particularly after completion of the Works, keep the Site and the Facility in a clean, safe and workman like condition and shall dispose of all rubbish (other than hazardous materials or other materials which may contaminate ground-water, for which other arrangements shall be made by the Contractor) in accordance with Good Industry Practice.

20) Removal of unsafe Workers

The contractor shall document any identified instances of noncompliance with safety requirements by its workers and subcontractors. Where any worker or subcontractor breaches safety requirements and thereby presents a threat of serious injury or death to any person, the contractor shall remove that worker or subcontractor from the project site for the duration of the project.

21) Subcontracting

The Contractor shall be able to demonstrate that he has applied selection procedures that ensure that his sub-contractors are demonstrably competent to perform the works safely. The Contractor shall provide to the Location Manager the names of sub-contractors he intends to appoint in advance of entering into a contract with any such sub-contractor. The requirements of this booklet, the contract specification, the contract health and safety plan, the risk assessments and method statements shall be imposed upon sub-contractors by the Contractor.

22) Monitoring

Compliance check by contractor: The Contractor shall monitor his safety performance and that of his sub-contractors to ensure compliance with standards set in the contract. The frequency of monitoring will be dependent upon the risk profile and number of persons employed.

Root Cause of incidents: All accidents shall be investigated to establish the basic causes and to recommend appropriate improvements in control. Details of all accidents, together with the associated investigation and recommendations, shall be passed to the company as soon as deemed reasonable.

Audit by company: The Company reserves the right to audit all aspects of the management of health and safety on site at any time. Deficiency identified during any inspection / audit shall be entered into an appropriate action register that

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summarize the deficiency, the required actions, the person to whom that action have been assigned and date by which the action shall be completed.

The contractor shall be responsible to ensure all actions are completed, verified and closed within stipulated timeframes.

Monitoring by company: The Company reserves the right to allocate weightage and set safety KPIs in the contractor's scorecard. The scorecard performance shall be reviewed periodically.

23) Contractor Queries

The queries should be normally directed to company's designate as specified in contract. The site specific "contractor safety management manual" can also be referred for any clarifications when in doubt. The details on specific processes, plants and machineries and related hazards are detailed in this manual.

APPENDIX IV : STANDARD TERMS AND CONDITION FOR TRANSPORT AGREEMENT

This Transport Agreement (hereinafter the "Agreement") made on Purchase Order (PO) Date.

BY AND BETWEEN

Vedanta Limited (Formerly known as Sesa Sterlite Limited / Sesa Goa Limited) / Sesa Resources Limited / Sesa Mining Corporation Limited, a company incorporated under the provisions of the Indian Companies Act, 1956 and having its registered office at Sesa Ghor, 20 EDC Complex, Patto, Panjim - Goa - 403001, hereinafter referred to as (the "Company") which expression shall, unless repugnant to or inconsistent with the context or meaning thereof, shall include its successors and assigns) of the ONE PART;

AND

Vendor (hereinafter referred to as "Service Provider/Transport Provider", which expression shall, unless repugnant to the context or meaning thereof, mean and include its successors and permitted assigns) of the OTHER PART.

The Company and the Service Provider/Transport Provider shall be individually referred to as the "Party" and collectively as the "Parties".

AND WHEREAS the Transport Provider has approached the Company and offered to provide such transport services as specified in the Scope of Services of this Agreement detailed in ANNEXURE - II (hereinafter for the sake of brevity referred to as the "Services" and has represented that it has the necessary expertise, infrastructure and experience to efficiently provide such Services to the Company;

AND WHEREAS based on the said representation, the Company has agreed to seek Services from the Transport Provider on a non-exclusive basis as per the terms and

conditions detailed herein;

NOW THEREFORE, IN CONSIDERATION OF THE PREMISES AND MUTUAL COVENANTS HEREIN CONTAINED, THE PARTIES HAVE AGREED AS FOLLOWS:

1. DEFINITIONS & INTERPRETATION

1.1 In this Agreement, except where the context otherwise requires, capitalised words and expressions set out in the background section above shall have the meanings set out in that section and the following words and expressions shall have the following meanings:

1.1.1 "Affiliate" shall mean with respect to any person, any other person that, directly or indirectly, controls, is controlled by or is under common control of such specified person. For the purposes of this definition, "control" means the direct or indirect beneficial ownership of more than fifty percent (50%) of the issued share capital, stock or other participating interest or the legal power to direct or cause the direction of the general management, of the company, partnership or other person in question, and "controlled" shall be construed accordingly;

1.1.2 "Agreement" means this Agreement entered into by and between the Parties hereto together with any and all Annexures, appendices, schedules, addendums and amendments hereto, signed by the Parties and shall be deemed to be read as an integral part of this Agreement.

1.1.3 "Confidential Information" means and shall include, but is not limited to non-public information which is disclosed by either party to the other party, whether or not marked confidential, shall include but is not limited to business policies or practices, business plans, dealings, customer lists or requirements, price lists or pricing structures, technical data, employee or officers' data, product lines, designs, research and development activities and findings, ideas, concepts, know-how, financial statements, discoveries, ideas, concepts, know-how, business methods, techniques, designs, specifications, drawings, blueprints, tracings, diagrams, models, samples, flow charts, data, computer programs, disks, diskettes, tapes, marketing plans, customer names and other technical, commercial information and intellectual properties & other non-generic information whether tangible or intangible, written or oral, relating to any released or unreleased concepts, ideas, projects and services, the marketing or promotion of products and any other information received from any source which would be deemed as confidential or proprietary.

1.1.4 "Effective Date" shall mean dates as specified in the Purchase Order.

1.1.5 "Fees" shall mean the prices and/or rates payable by the Company in respect of the Services and/or as specified in the relevant Purchase Order.

1.1.6 "Governmental Authority" shall mean shall mean any governmental department, local authority, commission, board, bureau, agency, regulatory authority, instrumentality, court or other judicial or administrative body, central, state, provincial or local having jurisdiction over the matter or matters in question.

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1.1.7 "Term" the term of this Agreement is defined in Clause 4 of this Agreement or as specified in the Purchase Order.

1.2 In this Agreement:

1.2.1 Headings are for convenience only and shall not govern or affect the interpretation of the Agreement;

1.2.2 Except where the context otherwise requires, references to one gender include all genders and the singular includes the plural and vice versa;

1.2.3 Except where the context otherwise requires, references to any enactment shall include references to such enactment as re-enacted, amended or extended and any sub-ordinate legislation made under it;

1.2.4 References to persons include companies, corporations, partnerships, associations, and other organizations whether or not having a separate legal personality;

1.2.5 Except where otherwise indicated, reference to clauses, sub-clauses, recitals and annexures shall be to the clauses, sub-clauses, recitals and Annexures of this Agreement;

1.2.6 "including" means "including without limitation";

1.2.7 The rule of construction, if any, that a contract should be interpreted against the Party responsible for the drafting and preparation thereof shall not apply;

1.2.8 If the day on which any act, matter or thing is to be done under or pursuant to this Agreement is not a Business Day, that act, matter or thing shall be done on the preceding Business Day.

1.3 The agreement for provision of Services shall be governed solely as per the terms of this Agreement, to the entire exclusion of any terms/conditions that the Transport Provider may state/ mention in any quotation and/or any other correspondence made by the Transport Provider.

1.4 At the outset it is clarified that under no circumstances, by virtue of this Agreement, will the employee/workers of the Transport Provider be deemed to have any privity of contract with the Company nor would they or any of their heirs assigns or successors would claim any benefit / privilege, whatsoever, from the Company.

2 SCOPE OF SERVICES

2.1 The Transport Provider has agreed to provide the Services particularly detailed in the annexure annexed hereto and marked as ANNEXURE-II. It is expressly agreed by the Transport Provider that the quality of the Services as per the specified parameters is the essence of this Agreement and any assessment made by the Company in this regard shall be final, acceptable to and binding upon the Transport Provider.

2.2 Transport Provider will ensure that all committed services as detailed in ANNEXURE-II are met at all times during the Term of this Agreement otherwise the Company shall have the right to terminate this Agreement forthwith.

2.3 The broad allocation of responsibility of the Parties is described in the Responsibility Allocation Matrix set out in and marked as ANNEXURE-II to this Agreement.

3 APPOINTMENT OF THE TRANSPORT PROVIDER

3.1 The Company hereby appoints the Transport Provider, on a non-exclusive, principal-to-principal basis, for the rendering of the Services. It is expressly understood by the Transport Provider that this Agreement does not confer any exclusive right with respect to the Services to be rendered under this Agreement nor does it confer any exclusive right to the Transport Provider.

4. TERM

4.1 Notwithstanding the date of execution of this Agreement, unless terminated or determined earlier in accordance with this Agreement, the Term of this Agreement shall be for a period as specified in the Purchase order with effect from the Effective Date.

4.2 It is expressly covenanted that any transaction by way of completion of the Services after termination of this Agreement but initiated prior to the termination of this Agreement shall not be construed to be an extension of this Agreement.

5. OBLIGATIONS OF THE TRANSPORT PROVIDER

5.1 The Transport Provider shall perform the Services hereunder with all due skill, care and diligence in a safe, competent, timely, efficient and professional manner as per best industry standards and any specific benchmarks agreed between the Parties. The Transport Provider is not entitled to change the time schedule specified by the Company at any stage. Failure on the part of the Transport Provider to comply with the specifications hereunder or time schedule shall constitute a breach of the terms of this Agreement. The Transport Provider has visited the area and very well understands the ground conditions of the place of service and the periphery area. The Transport Provider acknowledges to deal with the local issues for carrying out the work. It is the responsibility of the Transport Provider to maintain harmonious relations with all stake holders for execution of the job.

5.2 Transport Provider shall at all times ensure proper rendering of the Services hereunder and also ensure necessary training of its personnel being deputed under this Agreement. If the personnel of the Transport Provider are deficient, negligent or in breach of the Company policies as applicable while rendering the Services, but without prejudice to the right of the Company to take any such action as is in its sole opinion, the Transport Provider shall take corrective steps immediately to avoid recurrence of such incidents and report to Company about its action plan.

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5.3 The Transport Provider shall ensure the correctness and genuineness of all or any of the information / data it provides under this Agreement.

5.4 The Transport Provider shall comply with all applicable laws, including but not limited to labour laws, industrial laws, welfare and taxation laws as applicable to the Services under this Agreement. The Transport Provider shall maintain all requisite records, registers, accounts books etc., which are obligatory under any law as applicable to the Services hereunder and shall provide any and all information as may be required by the Company either under any statutory provision or otherwise.

5.5 The Transport Provider shall inform the Company immediately of any inquiries, questions or issues raised by any authority [including but not limited to any Government Authority (ies)] or officials regarding and relating to the Company, as well as expeditiously notify the Company of any show causes, seizure or similar action and provide copies of any notices, memos, correspondences received from such authority. The Transport Provider shall not unilaterally file any response / reply to such an authority without the prior approval and vetting by the Company.

5.6 If any of the personnel of the Transport Provider indulges in misconduct, theft or any unlawful activities, the Transport Provider shall take appropriate action against its erring personnel and intimate accordingly to the Company. The Transport Provider shall also ensure that such incidents do not interfere with continuity of Service to be rendered to the Company. It is understood between the Parties hereto that the Transport Provider alone shall have the right to take disciplinary action against any person(s) engaged/ employed by him, while no right whatsoever shall vest in any such person(s) to raise any dispute and/or claim whatsoever against the Company.

5.7 The Transport Provider or its personnel shall not give or receive any gift or reward in any shape or form which are against the applicable Company policies as applicable from time to time; and also comply with all applicable laws. Any breach of this obligation shall be a material breach of this Agreement.

5.8 Transport Provider shall ensure that:

- a) Its employees/ representatives/ personnel under this Agreement maintain a high standard of ethical and courteous behaviour while performing the Services under this Agreement.
- b) The number of trained service staff employed by the Transport Provider is adequate for providing prompt and efficient Services to the Company.
- c) Its personnel shall not enter in the functional areas or offices of the Company unless specifically permitted or required.

5.9 The Transport Provider will not use name of the Company in any manner either for credit arrangement or otherwise and it is agreed that the Company is in no way responsible for the debts of the Transport Provider and/or its employees.

5.10 The Transport Provider may not subcontract any of its obligations under this Agreement without the prior written consent of the Company. The Transport Provider shall not be relieved from any of its obligations or liabilities under the Agreement by virtue of any subcontract and the Transport Provider shall be responsible for all Services, acts, defaults or omissions of its subcontractors (and its or their

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employees and consultants) as though they were the Services, acts, defaults or omissions of the Transport Provider.

5.11 The Transport Provider shall maintain proper and accurate records in relation to the Services and shall provide copies of the same to the Company on request. The Company (or its appointed representative) shall have the right to audit the relevant books and accounts of the Transport Provider in relation to any reimbursable charges paid for by the Company under this Agreement. Any incorrect payments identified by such audit shall be adjusted between the Parties as appropriate.

5.12 The Transport Provider shall provide LCV/ HCV/ Open Trucks/ Taurus/ Tankers/ Mechanical Trailers (the 'Vehicles') as per the Company's requirement for transportation of goods/consignment from Company's works to various destinations located all over India by road on such routes, corridors, and districts and within such geographical area as instructed by the Company from time to time.

5.13 The signing of Company's documents by the Transport Provider's authorized representative or agent would serve as sufficient acknowledgement of the quantity and condition of goods received on behalf of the Transport Provider.

5.14 The Transport Provider shall keep in touch with the Company regarding availability of goods/consignment and place suitable Vehicles for loading round the clock as per requirement/instructions and as per schedule prescribed by the Company. It is clearly understood that the instructions so given or delivered to the representative of the Transport Provider shall be construed as instructions given or delivered to the Transport Provider.

5.15 The Transport Provider shall be responsible for proper co-ordination with concerned personnel at the Company for issue of Challan, invoices, Excise invoice & loading of the goods/consignment. The Transport Provider will also provide necessary assistance at loading and unloading points as required.

5.16 The Vehicles shall be weighed for tare, gross and net weight at respective consignee locations. The Transport Provider shall obtain the Proof of Delivery (POD) of the consignment from the Consignee, on the Lorry receipt (LR) in the manner specified by Company. This shall include the signature and rubber stamp of the Consignee, receipt quantity/Length, date and time of receipt, shortages, quality etc. The Transport Provider shall obtain clean receipt for the goods/consignment and submit the acknowledged Challan along-with the Invoice.

5.17 The Transport Provider shall be deemed to be entrusted with the custody of the goods/consignment loaded onto its Vehicle at the point of loading, from the time until such time as unloading of the goods/consignment is commenced at the point of final delivery. For the avoidance of doubt the Transport Provider shall be responsible for all goods/consignment that have been loaded onto its Vehicle and the Vehicle itself while such Vehicle and goods/consignment remain on the Company's premises. The ownership of goods/consignment during transit shall remain either with the Company or the consignee, as the case may be, until it is received by respective consignee. The Lorry Receipt of the Transport Provider shall be conclusive proof of dispatch of goods/consignment. However, any loading of consignment without Lorry Receipt shall not absolve the Transport Provider from any liability. Notwithstanding

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anything contained in this Agreement, the Transport Provider shall be solely responsible for losses arising to the Company due to theft/misuse of Lorry Receipts.

5.18 The Transport Provider shall be responsible for all loss, destruction, damage, contamination or deterioration of or to goods/consignment from any cause whatsoever while goods/consignment is in the custody of the Transport Provider and in the course of transit. The Transport Provider shall take all precautions and positive steps that are necessary to ensure goods/consignment under Transport Provider's charge are protected from loss, shortage, damage, contamination or deterioration and the same is transported and delivered safely to the consignee without any shortage. In case of any contamination, loss/shortage, the entire cost of the goods/consignment shall be recovered from the Transport Provider. The Transport Provider shall have to make good to the Company any loss due to the negligence or failure on his part to take proper and prompt action or to exercise proper vigilance and economy or to comply with the provisions of the relevant acts, rules and regulations applicable in transporting, handling, dispatch of such goods. The Transport Provider shall also be responsible for checking the packing conditions of goods/consignment before he takes delivery of the same for transportation. Once the goods/consignment are accepted for transportation, they shall be deemed to have been handed over by the consignor in good conditions, unless the Transport Providers has pointed out any defects whatsoever at the time of taking delivery from the consignors at the loading points and recorded the same in LR.

5.19 The maximum payload for road delivery has to conform to the statutory regulations governing vehicle dimensions and gross weights. The Transporter has to comply with General safety and handling details as prescribed by the Company.

5.20 The Transport Provider shall ensure that prior to the Vehicle leaving Company premises or any other location with the cargo, all requisite documents duly filled required to be carried in the vehicle including Company's invoices, challan, road permits, excise documents, declaration forms under sales tax/entry tax/octroi/customs laws, have been handed over to the driver over his acknowledgement. The driver shall ensure the safe delivery of the same to the consignee and any loss/penalty imposed due to loss or non-carriage of these documents shall be borne by the Transport Provider. If the Transport Provider loses the documents and fails to hand over the same to the Consignee, the Transport Provider has to file FIR at nearby Police Station and has to submit the same at the destination for unloading of material.

5.21 Vehicles as and when requisitioned by the company will have to be placed by the Transport Provider within stipulated time. If the vehicles are not placed within the stipulated time, Company shall levy penalty of 20% of freight charges of that indent from the running bills/SD from the errant Transport Provider. The decision of Company with regards to the actual losses incurred by Company including the reasonability shall be final and binding on the Transport Provider.

5.22 The weight, measurement and description of goods/consignment mentioned in the challans/packing lists/loading advise/delivery documents/shipment document of Company or the supplier shall besides other documents be the basis for assessing

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the loss in transit and for recovery of damages compensation thereof. The Transport Provider shall be responsible for any discrepancies found at destination, in respect of weight, measurements, quantities and soundness of the goods/consignment.

5.23 The Transport Provider shall accept the consignment at its own risk and shall be fully responsible for the losses arising out of damage of the consignment and shall also accept the full responsibility for non-delivery or short delivery of the goods/consignment due to theft, pilferage, accident, fire etc. Any loss to the Company during Transportation shall be at risk and cost of the Transport Provider.

5.24 Ensure that there is no loss to the Company on account of theft, pilferage, adulteration or malpractice by the Transport Provider and/or its agents or employees, during Transportation.

5.25 The Transport Provider shall give only clean and unconditional lorry receipt and remarks like "said to contain" or at "Owner's risk" shall be void and shall be deemed to be unconditional.

5.26 The Transport vehicles shall be in perfect condition and shall have at all times valid Registration Certificates, Certificate of Fitness, Insurance, Pollution Certificate, permits etc. as may be required for operating the Vehicles for transportation.

5.27 The transportation is carried strictly in accordance with all applicable Central/State Laws and Rules, regulations made thereunder. The Transport Provider shall ensure that the Transport Vehicle are loaded only to the extent of the permissible limit and shall not overload the vehicle. The Company shall not be in any manner responsible for the penalties action taken by the appropriate authorities for carrying goods in violation of the permissible limits. It is unambiguously agreed upon that the Transport Provider shall be solely responsible to ensure that the goods loaded in the vehicles are not in violation and/or breach of weight and volume limits prescribed in the RTO registration book.

5.28 The Company and/or its Officer(s) shall not be held liable for death, injury or accident or any compensation relating thereto, for any reasons, whatsoever, in respect of any of Transport Provider's workmen/employee.

5.29 It shall be the responsibility of the Transport Provider to provide suitable and well maintained vehicles. It must not offer any suspended or blacklisted vehicle. The interior of the transportation vehicle should be smooth at sides as well as bottom so that the goods do not get damaged in loading, transit and unloading. The vehicles provided will also have adequate number of tarpaulins to cover the bottom, side and top portions of goods to secure them against all possible damages due to rain, storm and cyclone.

5.30 The Transport Provider shall employ or sub-Agreement or use only those drivers who hold a current recognised national qualification with respect to the place of loading, transit and delivery of the goods/consignment. The Transport Provider shall keep adequate records of all such drivers and shall present the same to the Company as and when asked.

5.31 It shall be the obligation, duty and responsibility of the Transport Provider

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to ensure that the goods are properly loaded, positioned and secured at all times. The Transport Provider shall also be responsible for ensuring that the driver shall check the load for security by testing the lashings for adequate tension immediately after the Vehicle has left the site of loading and thereafter at regular intervals during the Journey.

5.32 Any authorised Transport Provider carrying consignments of Company in the vehicle should not load the consignments belonging to other Transport Provider. In such cases no freight charges shall be paid to either of the Transport Providers.

6. OBLIGATIONS OF THE COMPANY

6.1 The Company shall provide all the relevant data, guidelines and information(s) necessary to give effect to the scope and purposes of this Agreement and as agreed between the Parties.

6.2 The Company shall make the payments as specified in Annexure III of this Agreement.

7. CONSIDERATION

7.1 All payments / service charges to the Transport Provider under this Agreement shall be made as per the rates specified by the Company as detailed in ANNEXURE - III (hereinafter referred to as "Consideration")

7.2 The Company reserves the right to set-off, deduct, withhold any amounts from out of the payments due and payable by the Company to the Transport Provider under the terms of this Agreement, any other agreement in respect of which the Transport Provider may be indebted or in default to the Company or applicable laws. The Transport Provider shall submit bills of actual work done for payment purposes.

7.3 Subject to 7.2 above and any other deductions as may be allowed as per the terms of the Agreement, the Consideration will be paid by the Company as per the correct invoices raised by the Transport Provider.

7.4 Nothing contained herein shall prevent the Company from deducting tax at source as required under any law or regulation. Apart from the payments agreed between the Parties hereto no other payment shall be made by the Company to the Transport Provider for the rendering of the Services under this Agreement.

7.5 Transport Provider shall be responsible for complying with all applicable laws including labour, welfare, taxation and other laws.

7.6 Except as specifically provided under this Agreement, the Company shall not be liable in any manner whatsoever to pay any monies by whatever name called to the Transport Provider or any other party for any reason whatsoever under any head whatsoever.

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7.7 BANK GUARANTEE/SECURITY DEPOSIT - As specified in the Purchase Order

8. MODE OF TRANSPORT

8.1 The Transport Provider shall only transport the goods by the mode as specified by the Company. If it is found that the Transport Provider transports the goods by mode other than the one specifically agreed there, the Company shall be entitled to forthwith forfeit the payment for set transportation and shall have a right to terminate the Agreement at its sole discretion.

9. LOADING/ CLUBBING

9.1 Without prejudice to the generality of the Transport Provider's obligations under Clause 1 of this annexure, it is the absolute responsibility of the Transport Provider and its drivers, servants, agents specifically to ensure than any vehicle and all necessary tackle and facilities for securing loads to the vehicle presented for loading are suitable for carriage of the load; that the Vehicle is not overloaded and is not subsequently overloaded and that the load is properly and safely positioned and secured.

9.2 In any case where a load is placed on a Vehicle otherwise than in the presence and under the direction of its driver must before moving it inspect the Vehicle and be satisfied that the load is positioned and secured properly.

9.3 If a driver is not satisfied that a load is properly distributed, a request should be made for it to be adjusted in accordance with the drivers requirements.

9.4 The Transport Provider shall take such measures to protect its load as may be specified from time to time by the Company.

9.5 The Transport Provider shall not load material of any third party in the Vehicle. Clubbing of two or more different consignment of the Company for the same/ different destination will only be done only at the instance of the Company and both consignments shall be treated as part load.

9.6 The Transport Provider will ensure that before the Vehicle exits, all the documents required by the Transport Provider like Challans, permits, excise documents, declaration forms under sales tax laws have been given to the driver and shall ensure the safe delivery of the same to the consignee.

10. TRANSSHIPMENT

10.1 The vehicle Registration No. in which the material was originally loaded shall be recorded on the LR / GR. In case any trans-shipment becomes inevitable due to break down etc., enroute, the same may be done on exceptional basis with the prior approval of the Company, furnishing the reasons for trans-shipment. Freight charges shall be made after condonation for recorded reasons. Otherwise no payment will be made in case of un-authorized transshipment.

10.2 Total quantity as mentioned in the invoice / challan must be delivered at one time and not in installments. Transshipment and / or part delivery of consignment during transit en route is strictly to be avoided. In case of transshipment done without the Company's written permission, it will be the liability of the Transport Provider to pay to the Company for loss / damage suffered.

10.3 Consignment withheld by Transport Provider in their warehouse in transit without the written permission of the Company shall be liable for liquidated damages for late delivery and any losses in this regard shall to be borne by the

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Transport Provider.

10.4 Part consignments can be transshipped only with Company's prior permission.

11. TRANSIT

11.1 Consignment shall be deemed to be entrusted to the Transport Provider from the time the consignment is loaded onto its vehicle at the point of loading until such time as unloading of the consignment is commenced at the point of final delivery. For the avoidance of doubt the Transport Provider shall be responsible for the consignment that has been loaded onto its vehicle itself even while such Vehicle and those goods remain on the Company's premises.

12. PROOF OF DELIVERY

As specified in the Purchase Order

13. DANGEROUS GOODS

13.1 The Company shall notify the Transport Provider before the commencement of the carriage of any goods if those goods are dangerous goods/consignment.

13.2 The Transport Provider may at its discretion refuse to carry any dangerous goods/consignment or may agree with the Company in writing terms and conditions relating to the carriage of any such goods other than these terms and conditions.

14. MALPRACTICE/DAMAGE/CONTAMINATION

14.1 The Transport Provider will ensure that any act or omission on his part or his crew does not damage the products entrusted to him by the Company in terms of this Agreement. If the products get damaged it will be disposed of at the Company's discretion. The difference between the consignment cost and realised/realizable value shall be recovered from the Transport Provider.

14.2 In case of any rejection of material by the customer on account of suspected damage or contamination, the Company would recover entire cost of the material.

14.3 No transportation charges will be paid for the futile trip during which the product got damaged and the subsequent trip for transportation of the damaged product to a location nominated by the Company.

14.4 The provisions hereinabove will apply mutatis mutandis to cases of contamination of the product for the purposes of suspension of vehicle or termination of this Agreement.

14.5 If a vehicle provided by the Transport Provider is involved in any malpractice, the Company will be entitled to suspend the operation of the vehicle forthwith and to conduct an investigation into the malpractice/s. If upon such investigation, the Company in its sole discretion concludes that the crew of any vehicle is involved in malpractice, it will black list such vehicle and crew. If however, the investigation reveals the connivance of the Transport Provider in the malpractice, this Agreement shall stand terminated.

15. LIQUIDATED DAMAGES

15.1 As specified in the Purchase order.

15.3 Without prejudice to other rights of the Company and notwithstanding anything contained in this Agreement, in case the Transport Provider fails to adhere to any of the terms and conditions and covenants of this Agreement, the Company shall be entitled to levy liquidated damages on the Transport Provider equivalent to the consignment value.

16. LIST OF ANNEXURES

" ANNEXURE-B -
ANNEXURE B
STANDARD TERMS & CONDITIONS FOR TRANSPORT AGREEMENT

1. TAXES AND DUTIES

1.1 Payment of all taxes, fees, levies, duties, or other charges of whatsoever nature including service tax, and in respect of any wages, salaries and other remuneration paid directly or indirectly to persons engaged or employed by the Service Provider or its subcontractors levied or imposed now or hereinafter as a result of the services provided hereunder and the performance of this Agreement shall be the responsibility of and be paid by the Service Provider. Nothing contained herein shall prevent the Company from deducting tax at source as required by law from the payments due to the Service Provider.

1.2 The Service Provider shall be responsible for filing all necessary tax returns (including, without limitation, returns for corporate income tax, personal income tax, service tax, sales tax) with the relevant Government Authorities in accordance with all applicable statutory requirements and shall be responsible for providing all information requested by such Government Authorities.

1.3 The Service Provider shall also ensure that its sub-contractors file such returns as stipulated by the relevant Government Authorities and furnish such information as requested for by the relevant Government Authorities.

2. STATUTORY COMPLIANCES/LICENCES

2.1 The Service Provider shall be solely liable for statutory compliance in respect of all applicable laws of land which inter-alia includes central/state labour laws and regulations/rules made thereunder including but not limited to Compliance of provisions of Contract Labour (Regulation and Abolition) Act, 1970, Employees State Insurance Act, 1948, Employees Provident Funds and Miscellaneous Provisions Act, 1952, Minimum Wages Act, 1948, Payment of Bonus Act, 1965, Payment of Gratuity Act, 1972, Payment of Wages Act, 1936, Workmen's Compensation Act, 1923, Interstate Migrant Workmen (regulation of Employment and Conditions of Service) Act, 1979. The Service Provider shall be solely responsible for maintenance of records and filing of various forms/ returns prescribed under all applicable Central/State labour laws and regulations/rules made thereunder in respect of employees employed by it.

2.2 The Company shall be entitled to deduct/adjust from amount payable to the Service Provider any dues, wages, compensation on accident or death, expenses paid by the Company in compliance with the applicable laws, in respect of employees of the Service Provider.

3. INSURANCE

3.1 The Service Provider shall effect and maintain with a reputed insurance company a policy(ies) of insurance providing an adequate level of cover in respect of all risks which may be incurred by the Service Provider, arising out of the Service Provider's performance of its obligations under the Agreement, including death or personal injury, loss of or damage to property or any other loss. Such insurance shall be maintained for the duration of the Term of the Agreement.

3.2 The Service Provider shall hold employer's liability insurance in respect of its employees/personnel in accordance with any legal requirement from time to time in force.

3.3 The provisions of any insurance or the amount of cover shall not relieve the Service Provider of any liabilities under the Agreement.

3.4 The Service Provider shall also take third party liability insurance and surrounding property damage insurance. In case of any loss or damage, the Service Provider shall lodge and settle the claim with the insurance company.

3.5 It is the sole responsibility of the Service Provider to place and transport the Company consignments in specific carrying capacity of vehicles, to suit the weight/dimensions of the consignment. All Company consignments shall be transported only in fully insured vehicles. Any damage due to wrong deployment of vehicles is to the Service Provider's account.

3.6 In case of accident, the Service Provider will initiate action in accordance with the instructions of the Company as well as its internal procedures / documentation required, requirements of insurance company, with which the Service Provider has familiarised himself prior to the commencement of this Agreement.

3.7 The Service Provider will be responsible for providing a damage certificate, police FIR, spot survey report, photographs, final investigation report etc. and any other document or support as may be required by the insurance company.

3.8 The Service Provider will be responsible for providing a fit truck to salvage the product from the accidental truck and deliver the goods to the Company/consignee at its cost.

3.9 Recovery for any product loss from the Service Provider will be made at equivalent to differential loss suffered by the Company in case the loss to the Company is not fully compensated by the insurance agency. The freight amount of the said truck shall be paid only after settlement of the insurance claim.

3.10 The Service Provider is responsible for safe delivery of the Consignment at the destination. While transporting hazardous chemicals, Service Providers must comply with the requirements of safety instructions as per Motor Vehicle Act, 1989 and subsequent amendments and take adequate measure for emergency preparedness. Any failure in this regard during the term of the contract is liable for termination of the Agreement.

3.11 Notwithstanding anything contained above the Company may arrange insurance of the consignment. But, that will not in any way absolve the Service Provider from compensating Company /Consignee in case of damage / loss.

3.12 If the Company has insured the goods/consignment being transported by the Service Provider, then it shall lodge its claim on the insurance company for the losses suffered by Company due to non-delivery in time/accident etc. resulting damage to the goods/consignment and the same shall be payable by Insurance company to Company. The Company on receipt of its claim amount from the insurance company shall have the liberty to surrogate its rights of recovery in favour of insurance company for recovering the amount from the Service Provider. Without prejudice to above, the Service Provider is responsible to make good of loss if any suffered by Company due to non-payment by the insurance company.

4 WARRANTIES AND REPRESENTATION

4.1 The Service Provider represents and warrants that:

(i) It is a duly organized company/business entity validly existing under the laws where it is incorporated/established, and has experience, expertise, ability and skills as required to perform the services as detailed in the Scope of Services above and as may be necessary to perform the Services hereunder in a professional manner.

(ii) It has all the requisite power, authority and approvals required to enter into this Agreement and will have all the requisite power, authority to perform fully each and every obligation under this Agreement.

(iii) This Agreement has been duly executed and delivered by its duly authorized representatives and constitutes its legal, valid and binding obligation enforceable against it in accordance with its terms.

(iv) The execution, delivery and performance of this Agreement and all instruments or addenda required hereunder by it does not contravene, violate or constitute a default of or require any consent under the provisions of any other agreement or instrument to which it is bound, including the constitutional documents thereof, or any order, judgment, decree or injunction of any court of law.

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(v) No legal proceedings are pending or threatened against it before any court, tribunal or authority which do or may restrain or enjoin its performance or observance of the terms and conditions of this Agreement or which do or may in any other manner question the validity, binding effect or enforceability of this Agreement.

(vi) No order has been made or petition presented for the bankruptcy protection, winding up or dissolution thereof against it.

(v) it shall maintain high professional standards to ensure performance of this Agreement as per best business practices and in full compliance with statutory obligations.

(vi) It has all necessary statutory and regulatory permissions, approvals and permits for the running and operation of its establishment for the conduct of its business, more particularly for the Services;

(vii) It has full right, title and interest in and to all trade names, trademarks, service marks, logos symbols and other proprietary marks (collectively 'IPR') (including limited right of use of those owned by any of its vendors, affiliates or subcontractors) which it provides to the Company, for use related to the Services, and that any IPR provided by the Transport Provider shall not infringe the IPR of any third party;

(viii) The Transport Provider represents that there is no inquiry/ investigation pending by the Police against the Transport Provider or its employees. The Transport Provider undertakes that it will confirm at his own cost and expense and shall comply in all respect with the provisions of all Statutes Rules and Regulations or Schemes or Directions or Orders either of the State or the Central Government, or of other local authorities or Judgments or decrees of any description or any modification thereof passed by any competent authority or body or Court as applicable to the Transport Provider and /or to the Transport Provider's employees;

(ix) The Transport Provider shall be liable for all fines, penalties, and the like of parking, traffic and other criminal offences arising out of or concerning the use of the vehicle during the hire period and any toll charges or entry Taxes payable locally and the Transport Provider accordingly indemnifies Company against all such liability.

(x) The Transport Provider has sufficient resources available to respond to emergencies/ incidents, which may occur along established transportation routes. In case of any accident resulting in loss or damage to property of life, the sole responsibility for any legal or financial implication would vest with the Transport Provider. Company shall have no liability whatsoever.

4.2 Each Party hereby warrants that it has not entered into this Agreement relying on any warranty, representation or undertaking except for any warranty, representation or undertaking expressly set out in this Agreement.

5 ETHICS

5.1 GIFTS AND COURTESIES: The Service Provider shall declare any conflicts of interest with the Company including relationship or financial interest of any nature whatsoever with employees, managers, other suppliers, vendors or stakeholders of the Company.

The Service Provider shall not use the services of any of the employees of the Company, directly or indirectly or enter into any sort of monetary transaction with the employees of the Company. The Service Provider undertakes that he has not given, offered or promised to give directly or indirectly any bribes, commission, gift, consideration, reward, or inducement to any of the employees of the Company or their agent or relatives for showing or agreeing to show favor or disfavor to any person in relation to this Agreement or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of the aforesaid undertaking, by the Service Provider, or his partners, agent or servant or any one authorized by him or acting on his behalf. The Service Provider undertakes that in the event of use of any corrupt practices by the Service Provider, the Company shall be entitled to terminate the Agreement forthwith and recover from the Service Provider, the amount of any loss arising from such termination. A decision of the Company or his nominee to this effect that a breach of the undertaking had been committed shall be final and binding on the Service Provider.

If at any time during execution or performance of this Agreement the Service Provider is faced with any undue demand, request for gratification or favor from any employee of the Company or a person connected with such employee, the Service Provider must report the same immediately at sgl.whistleblower@vedanta.co.in

5.2 ANTI-BRIBERY & CORRUPTION:

(i)(a) - The Service Provider agrees to comply with the provisions of the Company's Supplier Code of Conduct and the Company's Human Rights Policy including Modern Slavery Act and in case of breach thereof, the same shall be treated as a breach of this Agreement.

(i)(b) - The Service Provider shall maintain records and provide to the Company upon request such records and evidences, as the Company may reasonably require, confirming the Service Provider's compliance with the obligations under Clause 5.2 (i)(a).

(ii) The Service Provider shall comply with the Anti-Bribery and Corruption (AB&C) requirements as applicable to them.

(iii) The Company shall have a right to initiate "audit proceedings" against the Service Provider during the Term and for a period of three (3) years thereafter, to verify compliance with this Agreement including AB&C requirements. Such audit may be carried out by Company or by a reputed agency to be appointed by Company at the sole discretion of Company. The Service Provider shall extend full cooperation for smooth completion of the audit mentioned herein.

(iv) Notwithstanding anything in this agreement, the Company shall have right to terminate the Agreement forthwith in case, it is found that the Service Provider has failed to comply with the terms of the Agreement including AB&C requirements.

(v) The Service Provider may submit/report 'Complaints' pertaining to any violation to the Company's ethical business practices as specified in the Company's Code of Conduct Policy.

External stakeholders such as vendors, customers, business partners etc. have the opportunity to submit 'Complaints'; however, the Company is not obligated to keep 'Complaints' from non-employees confidential or to maintain the anonymity of non-employees. We encourage individuals sending 'Complaints'/raising of any matter to identify themselves instead of sending anonymous 'Complaints' as it will assist in the effective complaint review process.

Post review, if the complaint is found to be have been made with malafide intention, stringent action will be taken against the complainant. We encourage reporting genuine 'Complaints' and those submitted in true faith.

All the 'Complaints' under this policy should be reported to the Group Head-Management Assurance at the following address:

Group Head - Management Assurance,
Vedanta, 75 Nehru Road
Vile Parle (E), Mumbai 400 099

'Complaints' can also be sent to the designated e-mail id:
sgl.whistleblower@vedanta.co.in

6. DEFAULT AND TERMINATION

6.1 The Company may immediately terminate this Agreement as under:

(i) by a written notice to the other Party if the other Party has committed any material breach of the terms of this Agreement and has failed to remedy such breach within 30 days from receiving notice from the other Party.

(ii) if other party party (i) ceases, or threatens to cease, to function as a going

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concern or conduct its operations in the normal course of business, (ii) commences, or becomes the subject of, any bankruptcy, insolvency, reorganization (other than in the course of a corporate re-organization or to an affiliate), administration, liquidation or similar proceedings, (iii) makes, or plans to make, a general assignment for the benefit of its creditors, or (iv) a other party's creditor attaches or takes possession of all or a substantial part of said Party's assets; the foregoing shall not apply to any action or proceeding which is (i) in the reasonable opinion of the party, frivolous or vexatious; or (ii) discharged, stayed or dismissed within ninety (90) days of commencement;

(iii) if either party is unable to carry out its obligations by reason of Force Majeure events and the force majeure continues for a period more than 60 days, then either Party may by giving notice in writing, terminate this Agreement with immediate effect. Any such termination shall be without prejudice to any of the right of the Parties accrued prior to the date of such termination.

6.2 Without prejudice to its other rights and claims whatsoever against the Service Provider, the Company may terminate this Agreement by one (1) months' written notice without assigning any reason whatsoever or if the Service Provider fails to obtain any approval required under the terms of this Agreement.

6.3 Upon termination of this Agreement, both Parties shall be relieved of their respective rights and obligations under this Agreement save such obligations and / or liabilities of the Parties set forth herein which (i) that the Parties have expressly agreed will survive any expiration or termination, or (b) by their nature would be intended to be applicable following any such expiration or termination, or (c) the Parties have accrued before expiration or termination, as the case may be.

7. LIMITATION OF LIABILITY

7.1 EXCEPT AS MAY BE OTHERWISE PROVIDED IN THIS AGREEMENT, IN NO EVENT SHALL EITHER PARTY BE LIABLE TO THE OTHER, WHETHER ARISING UNDER CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE, FOR ANY INDIRECT, CONSEQUENTIAL, SPECIAL, PUNITIVE, EXEMPLARY OR INCIDENTAL LOSS OR DAMAGES OF ANY NATURE ARISING AT ANY TIME FROM ANY CAUSE WHATSOEVER.

7.2 The limitations of liability and exclusion of warranties as set out in the Agreement shall be to the maximum extent permitted by applicable law. Nothing in this Agreement purports to exclude or limit liability for fraud, death or personal injury.

8. FORCE MAJEURE

8.1 Neither the Company nor the Service Provider shall be responsible for any failure to fulfil any term or condition of the Agreement if and to the extent that fulfilment has been delayed or temporarily prevented by a force majeure occurrence (a) Act of God, (b) fire, flood, earthquake, (c) war, riot, insurrection and civil commotion, mobilization or military, if they impede the performance of the Agreement or make performance unreasonably onerous and which could not reasonably be foreseen after

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due and timely diligence and which, by the exercise of reasonable diligence, the said Party is unable to provide against ("Force Majeure Events").

8.2 The party, which is not able to perform its obligations under this Agreement on account of Force Majeure Event(s), shall without any delay, notify in writing the other party on the initiation and cessation of such Force Majeure Event(s) and shall use diligent efforts to end the failure or delay in performance to minimise effects of such Force Majeure Event. In such a situation, the party, which is not able to perform its obligations under this Agreement on account of Force Majeure Event(s), shall not be liable to the other party for the default or breach of this Agreement for the period of failure or delay.

8.3 The Service Provider shall, in the event of issue of a notice (about happening of a Force Majeure Event) to the Company, reimburse the expenses incurred by the Company in securing and protecting the consignment till the Service Provider intimates the Company about the cessation of such Force Majeure Event(s).

8.4 If the Force Majeure Event(s) continues beyond 30 days, the parties shall make efforts to find an amicable solution for future course of action agreeable to both parties in a fair and equitable manner.

8.5 Both Parties agree to use their respective reasonable efforts to cure any event of Force Majeure to the extent that it is reasonably possible to do so. The Parties understand that the settlement of strikes, lockouts, and any other industrial disputes shall be treated to be within the sole discretion of the Party asserting Force Majeure. Upon the cessation of the event of Force Majeure, the party declaring Force Majeure shall immediately give notice thereof to the other party.

9. INDEMNITY

9.1 The Service Provider shall defend, indemnify and hold the Company harmless from and against any and all claims, liabilities, costs, damages and expenses (including court costs and legal fees) in connection with any taxes, levies, costs and charges which may be levied or imposed on the Service Provider or its sub-contractors by any Government Authority arising out of or in connection with the performance of this Agreement.

9.2 The Service Provider shall be liable for and shall defend, indemnify and hold the Company harmless from and against and all claims, liabilities, costs, damages and expenses (including court costs and legal fees) in connection with any breach, infringement (whether actual or alleged) of Confidentiality, accident, bodily injury, fraud arising out of or in connection with the performance of this Agreement by the Service Provider.

9.3 This indemnity shall be without prejudice to any other rights or remedies, including injunctive or other equitable relief, which the Company may be entitled to.

10. ARBITRATION

10.1 Any dispute or difference whatsoever arising between the parties out of or

relating to the interpretation,, meaning, scope, operation or effect of this Agreement or the existence, validity, breach or anticipated breach thereof or determination and enforcement of respective rights, obligations and liabilities of the parties thereto shall be amicably settled by way of mediation. If the dispute is not conclusively settled within a period of twenty-one (21) days from the date of commencement of mediation or such further period as the parties shall agree in writing, the dispute shall be referred to and finally resolved by arbitration under the (Indian) Arbitration and Conciliation Act, 1996 (as amended from time to time), which are deemed to be incorporated by reference into this clause. The arbitration shall be conducted as follows:

(i) A sole arbitrator shall be appointed in case the value of claim under dispute is less than 5,000,000 (Rupees Five Million Only) / \$ 100,000 (Hundred Thousand United States Dollars) and in any other event by a forum of three arbitrators with one arbitrator nominated by each Party and the presiding arbitrator selected by the nominated arbitrators.

(ii) The language of the mediation and arbitration proceedings shall be English. The seat of arbitration shall be [Local Jurisdiction in Goa / Local Jurisdiction Karnataka /Delhi], India.

(iii) The award made in pursuance thereof shall be final and binding on the parties

11. APPLICABLE LAW AND JURISDICTION

11.1 This Agreement shall be governed by, construed and enforced in accordance with the laws of India.

11.2 The parties submit to the exclusive jurisdiction of the courts of [Local Jurisdiction in Goa / Local Jurisdiction Karnataka /Delhi], India and any courts that may hear appeals from those courts in respect of any proceedings in connection with this Agreement.

12. SET OFF

12.1 Only the Company may at any time without notice to the Service Provider set off any liability of the Service Provider to the Company against any liability of Company to the Service Provider (in either case howsoever arising and whether any such liability is present or future, liquidated or unliquidated and irrespective of the currency of its denomination) and may for such purpose convert or exchange any currency. Any exercise by the Company of its rights under this clause shall be without prejudice to any other rights or remedies available to Company under this Agreement or otherwise.

13. CONFIDENTIALITY

13.1 Each party hereto shall, save as otherwise provided herein, maintain in strict confidence, and not disclose or use for a purpose other than the purpose set out

herein, any confidential and/or proprietary information ("Confidential Information") of any party including this Agreement and the terms and conditions hereof. The foregoing covenant shall not restrict a party from disclosing Confidential Information to the extent required in connection with any legal proceeding(s) or required for filing with govt. agencies, courts, stock exchanges or other regulatory agencies under applicable laws and regulations. Each Party shall use its best effort to assure that the provisions of this Agreement and its information disclosed to it concerning the other Party and its assets and business which is not otherwise publicly available, shall be kept confidential, unless other required by law, not to be disclosed without the consent of other Party to anyone other.

13.2 The parties shall restrict access to the Confidential Information only to its own employees or professional advisers who need to have such access for the purposes of performing the obligations or enforcing the rights under this Agreement and who have agreed with such party to abide by the obligations of confidentiality equivalent to those contained herein with such party. The disclosing party shall remain vicariously liable for such disclosure.

13.3 Each Party agrees that it will not use the name or logo of the other party, without the prior written consent of the other party(ies) hereto.

14. MISCELLANEOUS PROVISIONS

14.1 Entire Agreement: This Agreement along addendums and with all annexures, if any constitutes the entire agreement and understanding between the parties with respect to its subject matter and overrides and supersedes all previous agreements, representations, written documents, correspondence and understanding of the parties, whether in writing or otherwise.

14.2 Severability: If any clause or provision of this Agreement is prohibited, invalid or unenforceable in any jurisdiction, that provision will, as to that jurisdiction, be ineffective to the extent of the prohibition, invalidity or unenforceability without affecting or invalidating the remaining provisions of this Agreement or affecting the validity or enforceability of that provision in any other jurisdiction, unless it materially alters the nature or material terms of this Agreement.

14.3 Counterpart: This Agreement may be executed in one or more counterparts, each of which will be deemed to be an original Agreement and all of which, when taken together, will constitute one and the same instrument

14.4 Relationship: This Agreement shall not be construed to have any purpose or intent other than for purchase and sale of the Commodity between the Parties on a non-exclusive basis and nothing contained in this Agreement shall be deemed to create any association, partnership, joint-venture or relationship of principal and agent

PURCHASE ORDER CONTINUATION

PO NO : 4920056652

Page : 96 of 97

or master and servant between the parties or any affiliates or subsidiaries thereof.

14.5 Notices: Any notice required to be given hereunder shall be given by sending the same by facsimile, prepaid post or by hand delivery to the address of the addressee shown in this Agreement or to such other address as either party may notify to the other for this purpose in writing. If sending by facsimile, notice shall be deemed to have been given upon successful transmission, if by hand upon at the time of dispatch and if sending by post, notice shall be deemed to have been given on the 3rd day on dispatch by post.

14.6 Non-Waiver/Exercise Of Right: A failure or delay in exercising any right, power or privilege in respect of this Agreement will not be presumed to operate as a waiver, and a single or partial exercise of any right, power or privilege will not be presumed to preclude any subsequent or further exercise, of that right, power or privilege or the exercise of any other right, power or privilege. All waivers under this Agreement must be made in writing.

14.7 Binding Effect: This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors and permitted assigns

14.8 Assignment: Neither this Agreement nor any right, duty or obligation of any party hereunder may be assigned or delegated by any party (in whole or in part) without the prior written consent of the other party(ies) hereto.

14.9 Amendments: This Agreement may be amended, modified, renewed or extended only by a written instrument signed by each of the parties hereto.

14.10 Validation: This Agreement shall come into effect when authorized representatives of both Company and Service Provider execute and affix their signature hereto in their due capacity, within 3 working days after confirmation of business by Company and constitutes the entire agreement between the Parties relating to its subject matter. Any alteration, amendment or addition to any of the terms of this Agreement shall become binding only when such alteration, amendment or addition is evidenced in writing and is executed by the authorized representatives of the both parties in their due capacity.

14.11 Costs: Each Party shall bear its own legal, professional and advisory fees, commissions and other costs and expenses incurred by it in connection with this Agreement.

14.12 Language of the Agreement: English shall be the language of the Agreement and all documentation prepared in relation to it. All of the parties management staff engaged in work arising out of or in connection with this Agreement shall be fluent in English.

14.13 Remedies cumulative: Except as expressly provided in this Agreement, all

PURCHASE ORDER CONTINUATION

PO NO : 4920056652

Page : 97 of 97

remedies available to the Parties for breach of this Agreement are cumulative and may be exercised concurrently or separately, and the exercise of any one remedy shall not be deemed an election of such remedy to the exclusion of other remedies.

14.14 THIS DOCUMENT "STANDARD TERMS & CONDITIONS" SHALL BE AN INTEGRAL PART OF ANY OF THE PURCHASE ORDERS, INVOICE OR MOU OR OTHER DOCUMENT WHATSOEVER ENTERED BETWEEN THE PARTIES AND SHALL SUPERCEDE ANY CONTRARY TERMS IN SUCH PURCHASE ORDER, INVOICE OR MOU OR OTHER DOCUMENT WHATSOEVER. ORDER ACKNOWLEDGEMENT BY THE SERVICE PROVIDER SHALL COVER ACKNOWLEDGING THIS DOCUMENT AND THE GENERAL TERMS AND CONDITIONS MENTIONED HEREIN AS WELL.

Indent No	Name of Requestor
1300032389	00722237

All post order communication should contain this PO reference and shall be addressed to :ABHINAV CHAUHAN

PURCHASE/COMMERCIAL Tel:-

Email:ABHINAV.CHAUHAN@VEDANTA.CO.IN Fax:-

For Ferro Alloys Corporation Limited

ALEKHA ROUT
DEPUTY MANAGER

EXPENSES FOR PREVENTION OF SOIL EROSION			
OSTAPAL CHROMITE MINE			
Sl. No.	Material purchase	Amount in Rs	Remarks
1	Grass Seeds	918,400	PO No.:4910027706, Date: 11.6.2022
2	U Clamp	290,000.00	PO No.:4910027706, Date 11.6.2022
3	Geotextile	2,775,000	PO. No.:4500036912, Date: 7.4.2022
4	Silpaulin	1760000	PO. No.: 4500036862, Date: 26.3.2022
Total Amount		4,535,000	

Note: All the Expenses evidence are enclosed

SRI VENKATESHWARA FIBRE UDYOG PVT. LTD.

#365, Ground Floor, 8th A Main, 3rd Stage, 4th Block, Basaveshwaranagar, Bengaluru - 560079, Karnataka, India
CIN: U20290KA2013PTC070467 | GSTIN: 29AATCS4414Q1ZE | UDHYAM: KR-25-0000417

Tax Invoice

e-Invoice

724289

576



575634373

IRN : 262546b0b3339952f34df9eb3ed646037c3d42f-c3e067120b184922386d4f4fc
Ack No. : 112213328895812
Ack Date : 13-Jun-22

Consignee (Ship to) Ferro Alloys Corporation Ltd (Vedanta Facor) ENG.STR - OSTAPAL OSTAPAL/KALIAPANI JAJPUR Orissa 755047 India GSTIN/UIN : 21AAACF1999A1Z3 State Name : Odisha, Code : 21	Invoice No. 2022-23/108 e-Way Bill No. 141486237581 Dated 13-Jun-22
Buyer (Bill to) Ferro Alloys Corporation Ltd (Vedanta Facor) D P Nagar, Randia-756135, Dist Bhadrak, Odisha-756135. GSTIN/UIN : 21AAACF1999A1Z3 State Name : Odisha, Code : 21	Delivery Note Buyer's Order No. 4910027706 Dated 11-Jun-22 Dispatch Doc No. 470 Delivery Note Date Dispatched through Road Destination Jaipur Bill of Lading/LR-RR No. 470 dt. 13-Jun-22 Motor Vehicle No. KA53D0346

Sl No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount
1	Anchoring U Hook 12 x 3 x 12 50 Bags FP204389	73262090	25,000.00 Nos	11.60	Nos	2,90,000.00
2	Mixed Grass Seed 80 Bags FP710001	12099990	3,200.00 kgs	287.00	kgs	9,18,400.00
						12,08,400.00
	Output IGST					52,200.00
	GRN 4913828495 dt 18-6-22 4913828507 dt 18-6-22 B.N. Babu 17-6-22					
	Total					₹ 12,60,600.00

Amount Chargeable (in words)

E & O.E

Indian Rupees Twelve Lakh Sixty Thousand Six Hundred Only

HSN/SAC	Taxable Value	Integrated Tax Rate	Integrated Tax Amount	Total Tax Amount
73262090	2,90,000.00	18%	52,200.00	52,200.00
12099990	9,18,400.00	0%		
Total	12,08,400.00		52,200.00	52,200.00

Tax Amount (in words) : Indian Rupees Fifty Two Thousand Two Hundred Only

Company's Bank Details
A/c Holder's Name : Sri Venkateshwara Fibre Udyog Pvt Ltd
Bank Name : HDFC Bank Limited
A/c No. : 50200019581241
Branch & IFS Code : Basaveshwaranagar & HDFC0000361

Declaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

for Sri Venkateshwara Fibre Udyog Pvt Ltd

A.G. Srinivas
Authorised Signatory

SUBJECT TO BANGALORE JURISDICTION

This is a Computer Generated Invoice

MIGO No - 501172933/2022
dt. 17.06.22

D.B.N.O - 108
Date - 17/06/22

SRI VENKATESHWARA FIBRE UDYOG PVT. LTD.

Ground Floor, 8th A Main, 3rd Stage, 4th Block, Basaveshwaranagar, Bengaluru - 560079, Karnataka, India
CIN: U20290KA2013PTC070467 | GSTIN: 29AATCS4414Q1ZE | UDIN: KR-25-0000417

Tax Invoice

e-Invoice

a793a2b8314f0720018632b132699d91a46df31-
92dbb673281da3ebb65937f70
112212871377621
10-Apr-22



5520

DB-2.6

19-04-2022

Ship to)	Invoice No.	e-Way Bill No.	Dated
Alloys Corporation Ltd	2022-23/9	141459810681	10-Apr-22
Place: Kaliapani, Jaipur, Odisha PIN 755028	Delivery Note		
UIN : 21AAACF1999A1Z3	Buyer's Order No.	Dated	
State : Odisha, Code : 21	4500036912	7-Apr-22	
Ship to)	Dispatch Doc No.	Delivery Note Date	
Alloys Corporation Ltd	763		
Place: Mandia - 756135, Dist Bhadrak, Odisha	Dispatched through	Destination	
UIN : 21AAACF1999A1Z3	Road	Kaliapani Jaipur	
State : Odisha, Code : 21	Bill of Lading/LR-RR No.	Motor Vehicle No.	
	763 dt. 10-Apr-22	OD05AK1961	

Doc

5105628336

Description of Goods	HSN/SAC	Quantity	Rate	per	Amount
2.5-22-600 (Coir Mat)	57019020	10,250.000 Sqmt	92.50	Sqmt	9,48,125.00
100% (W) Geogreen Blanket					
Rolls					
11127018					
Output IGST					1,13,775.00
Total		10,250.000 Sqmt			₹ 10,61,900.00

Amount payable (in words) E. & O.E

Rupees Ten Lakh Sixty One Thousand Nine Hundred Only

HSN/SAC	Taxable Value	Integrated Tax Rate	Integrated Tax Amount	Total Tax Amount
	9,48,125.00	12%	1,13,775.00	1,13,775.00
Total	9,48,125.00		1,13,775.00	1,13,775.00

Amount payable (in words) : Indian Rupees One Lakh Thirteen Thousand Seven Hundred Seventy Five Only

Company's Bank Details

A/c Holder's Name : Sri Venkateshwara Fibre Udyog Pvt Ltd
Bank Name : HDFC Bank Limited
A/c No. : 50200019581241
Branch & IFS Code : Basaveshwaranagar & HDFC0000361
for Sri Venkateshwara Fibre Udyog Pvt Ltd

Declarer that this invoice shows the actual
the goods described and that all
are true and correct.

Authorised Signatory

SUBJECT TO BANGALORE JURISDICTION

This is a Computer Generated Invoice

SRI VENKATESHWARA FIBRE UDYOG PVT. LTD.

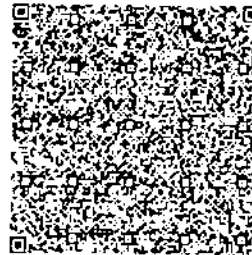
#365, Ground Floor, 8th A Main, 3rd Stage, 4th Block, Basaveshwaranagar, Bengaluru - 560079, Karnataka, India

CIN: U20290KA2013PTC070467 | GSTIN: 29AATCS4414Q1ZE | UDIHYAM: KR-25-0000417

Tax Invoice

e-Invoice

118 37
30/4/22



553

dd7572a8ab6804c8ef3b592cd0e3a954f9f8038-
c847617163d023eb8f4646c48

112212969454727

25-Apr-22

Inward
008482/2022

Doc No
5105628334

Ship to)	Invoice No.	e-Way Bill No.	Dated
Alloys Corporation Ltd (Vedanta Facor)	2022-23/27	181466098757	25-Apr-22
KALIAPANI JAJPUR	Delivery Note		
Buyer's Order No.	Dated		
4500036912	7-Apr-22		
Dispatch Doc No.	Delivery Note Date		
423			
Dispatched through	Destination		
Road	Jaipur		
Bill of Lading/LR-RR No.	Motor Vehicle No.		
423 dt. 25-Apr-22	KA08A1426		

Description of Goods	HSN/SAC	Quantity	Rate	per	Amount
COIR 2.5-22-600 (Coir Mat)	57019020	10,000.000 Sqmt	92.50	Sqmt	9,25,000.00
Geogreen Blanket					
Rolls					
Output IGST					1,11,000.00
Total		10,000.000 Sqmt			₹ 10,36,000.00

Surgeable (In words) E. & O.E

HSN/SAC	Taxable Value	Integrated Tax Rate	Integrated Tax Amount	Total Tax Amount
	9,25,000.00	12%	1,11,000.00	1,11,000.00
Total	9,25,000.00		1,11,000.00	1,11,000.00

(in words) : Indian Rupees One Lakh Eleven Thousand Only

Company's Bank Details
A/c Holder's Name : Sri Venkateshwara Fibre Udyog Pvt Ltd
Bank Name : HDFC Bank Limited
A/c No. : 50200019581241
Branch & IFS Code : Basaveshwaranagar & HDFC000361

for Sri Venkateshwara Fibre Udyog Pvt Ltd
A. G. Srinivas
Authorised Signatory

SUBJECT TO BANGALORE JURISDICTION

This is a Computer Generated Invoice

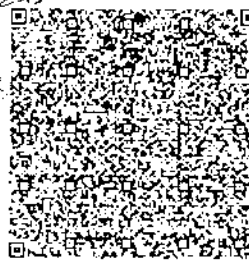
SRI VENKATESHWARA FIBRE UDYOG PVT. LTD.

#365, Ground Floor, 8th A Main, 3rd Stage, 4th Block, Basaveshwaranagar, Bengaluru - 560079, Karnataka, India
CIN: U20290KA2013PTC070467 | GSTIN: 29AA TCS4414Q1ZE | UDHYAM: KR-25-0000417

Tax Invoice

e-Invoice

Doc-5105629528



564

Invoice No
008835 / 202

Migene

5011055578

dt 04-03-2022

Bill No : 12daf625bb12215762323183bb43629334010d2-95096c7e583acf3e679901e21
Bill No : 112212983486324
Bill Date : 27-Apr-22

Consignee (Ship to)	Invoice No.	e-Way Bill No.	Dated
Teno Alloys Corporation Ltd (Vedanta Facor) KALIAPAL/KALIAPANI JAJPUR Odisha	2022-23/32	101466986700	27-Apr-22
Delivery Note			
Buyer's Order No.			
4500036912			
Dated			
7-Apr-22			
Dispatch Doc No.			
426			
Delivery Note Date			
Dispatched through			
Road			
Destination			
Jajpur			
Bill of Lading/LR-RR No.			
426			
Motor Vehicle No.			
AP02TB0380			

Description of Goods	HSN/SAC	Quantity	Rate	per	Amount
GECB 2.5-22-600 (Cair Mat) 50m(L)X2m(W) Geogreen Blanket 98 Rolls	57019020	9,750.000 Sqmt	92.50	Sqmt	9,01,875.00
FP 127018 Output IGST					1,08,225.00
Total		9,750.000 Sqmt			₹ 10,10,100.00

Amount in words (in words) E & O.E

Indian Rupees Ten Lakh Ten Thousand One Hundred Only

HSN/SAC	Taxable Value	Integrated Tax Rate	Integrated Tax Amount	Total Tax Amount
57019020	9,01,875.00	12%	1,08,225.00	1,08,225.00
Total	9,01,875.00		1,08,225.00	1,08,225.00

Amount (in words) : Indian Rupees One Lakh Eight Thousand Two Hundred Twenty Five Only

Company's Bank Details

A/c Holder's Name : Sri Venkateshwara Fibre Udyog Pvt Ltd

Bank Name : HDFC Bank Limited

A/c No. : 50200019581241

Branch & IFS Code : Basaveshwaranagar & HDFC0000361

for Sri Venkateshwara Fibre Udyog Pvt Ltd

I declare that this invoice shows the actual value of the goods described and that all particulars are true and correct.

A.G. Srinivas
Authorised Signatory

SUBJECT TO BANGALORE JURISDICTION

This is a Computer Generated Invoice

+91-80-23223800

+91-9448284984

accounts@geogreen.co.in

Fac Add: # 63 to 66 & 73 to 76, KIADB Industrial Area, Kunigal, Tumkur Dist- 572130, Karnataka, India

Manpower Engage for construction of Dump retaining wall at OCM



Asim Dhall
To: Susanta Biswal

Dear Sir,

Please find the details of Manpower engage for construction of 100 mtr retaining wall near North dump.

Work Details-

- | | | |
|--|------------------------------|----------------|
| 1-Stone hammering and shifting from one location to another location- | 203 mandays* @Rs 616.00/Day, | = Rs125,048/- |
| 2- Area levelling and excavated earth disposable to identify location- | 86 mandays* @Rs 616.00/-= | Rs 52,976/- |
| 3- Stone joint and construct the wall as per DGMS guidelines – | 189 mandays * @Rs 616/- | = Rs 116,424/- |

Total Rs 294,448/-

Total quantity executed= $100M \times 1.2M \times 1.6M (L \times W \times H) = 192 \text{ Cum.}$

Regards,

Asim Kumar Dhall
Dy.Head Civil(Mines)



India's
Best Employers
Among Nation-Builders



KINCENTRIC
Best Employers



EXPENSES FOR MEMC & SAFETY WEEK CELEBRATION**RECEIVED MAIL REFERENCE FROM ACCOUNT DEPARTMENT**

RE: Expenses details for Safety week and MEMC week Fy 2022-23



Sachidananda Jena

To ● Susanta Biswal; ● Subash Sahoo (Facor)

Cc ● Aniruddha Kumar Saran

 You forwarded this message on 8/3/2023 11:17 AM.

Dear Biswal Babu,

Rs. 34044/- for MEMC Week Ref. Vr. No. N/2 on dtd. 03.01.2023 with Document No. 1900001845

Rs. 204540/- for Safety week Ref. Vr. No. N/6 on dtd. 29.03.2023 with Document No. 1900002505

This is for your information.

Regards

SACHIDANANDA JENA

FINANCE

OSTAPAL MINES

Environment Day Program

To create awareness among the employees, business partner and the nearby society we M/S FACOR Ltd. will be celebrating the WORLD ENVIRONMENT DAY (5 June).

Following are the events which is going to be held on this auspicious day:

Sr. No	Timing	Lists of activities	Location	Participants
1	6 A.M.	Marathon Race	Kathpal to Birasal	All Employees & Business Partners of our Mines
2	8 A.M. - 9 A.M.	Poster Competitions for kids	Ostapal School	School Kids
3	8 A.M. - 9 A.M.	Poster Competitions for kids	Kathpal School	School Kids
4	8 A.M. - 9 A.M.	Poster Competitions for kids	Kathpal ClubHouse	Colony Kids
5	9:30 A.M.	Plantation Program	Ostapal Office Area	Employees & Business Partner
5	9:30 A.M.	Plantation Program	Kalarangiatta Office Area	Employees & Business Partner

Requesting all our employees from Mines to mark their presence by participating in it.




Organized By
Environment Department

MAIL APPROVAL AMOUNT RS 42000/- FOR CELEBRATION

RE: Approval of an amount Rs 42,000/- for World Environment Day Celebration at Ostapal Mine, Kalarangiatta Mines-Reg - Message (HTML)

File Message Help Tell me what you want to do

RE: Approval of an amount Rs 42,000/- for World Environment Day Celebration at Ostapal Mine, Kalarangiatta Mines-Reg

 Alekha Rout
To: [Susanta Biswal](#)
Cc: [Muthumari M](#); [Parimita Behera](#); [Anand Dubey](#); [Subash Sahoo \(Fisco\)](#)
You forwarded this message on 6/10/2022 9:59 AM

Reply Reply All Forward

11/11/2022 2:46 PM

Approved as advance payment .

Please produce supporting/invoices while adjusting advance .

With regards

Alekha Rout

From: Susanta Biswal <Susanta.Biswal@vedanta.co.in>
Sent: 02 June 2022 13:19
To: Alekha Rout <Alekha.Rout1@vedanta.co.in>
Cc: Muthumari M <Muthumari.M@vedanta.co.in>; Parimita Behera <Parimita.Behera@vedanta.co.in>; Anand Dubey <Anand.Dubey@vedanta.co.in>
Subject: Approval of an amount Rs 42,000/- for World Environment Day Celebration at Ostapal Mine, Kalarangiatta Mines-Reg

Dear Sir,

On the occasion of World Environment Day (Dt 05.06.2022), we are going to organize no. of Programme in connection with that which mention in the below table. So, we need an amount of approx. Rs 42,000/- to carry out the programme.

Sir, Kindly approve the same or suggest if any.

WORLD ENVIRONMENT DAY CELEBRATION FY 2022-23



Expenses for Different activities: Rs 42,000/-

Head- Environment

EXPENSES FOR WILDLIFE MANAGEMENT PLAN PREPARATION**OSTAPAL CHROMITE MINE**

Sl No.	Expenses	Ref. Invoice	Ref PO.
1	420000.00	No.42, Date:14.11.2022	PO No.: 4800020159, Date.19.10.2021

Note: Ref Invoice & PO copies are enclosed



TAX INVOICE

CHANDANAM

Regd No 23566/102 of 2013-14

(A Voluntary Organization)

1C/19, Sector-9, CDA, Markatnagar, Cuttack-14

Ph: (0671) 2506870, Mobile : 8280319738

GSTIN:21AACAC0442R12X



Invoice No : 54

Invoice Date :14.11.2022

Details of Site :	Work :	Environmental Consultancy services for obtaining permission under CRZ Rules for Wildlife Management plan of KRMI of Kalrangiatta Mines.
	Vendor Code	734386
	Work Order No.	4800020159 Dated 19.10.2021 (SAC Code-325022)

Details of Billing Address	Banking Details
To Ferro Alloys Corporation Limited, Kalrangiatta , KALIAPANI ,JAJPUR Orissa ,India -755028	Bank Name : State Bank of India
	Address : Plot No: 2D/783, Sector-11, CDA , Cuttack-753014
	A/C No. 33722961856
	IFSC : SBIN0011575
	Email Address maharana.bs@gmail.com

GSTIN: 21AAACF1999A1Z3

Sl No	Particulars	Qty.	Rate	Amount
1	Final Bill for Preparation and approval of Kalrangiatta Chromite Mines of M/s Ferro Alloys Corporation Ltd. in Jajpur District	1	70% of 600000/-	420000/-
			CGST @9%	37800
			SGST@9%	37800
Total Bill Amount				495600/-

Rupees : Four Lakh Ninety Five Thousand Six Hundred only.

oc
final approval
obtained
bill may be released
Original

ok
M. Muthumari
02/01/2023
[MUTHUMARI.M]

For CHANDANAM

BHIMASEN
MAHARANADigitally signed by
BHIMASEN MAHARANA
Date: 2022.11.16 09:31:31
+05'30'
SignatureSRN NO.: 5011527160
Entry No.: 1001651872SRN NO.: 5011527204
Entry Sheet No.: 1001651879

PURCHASE ORDER

Page : 1 of 97

PO Number : 1008 / 4800020159
PO Date : 19.10.2021

Vendor Code : 734386
Vendor Name : CHANDANAM

Vendor Address : PLOT NO 5B/2014, SECTOR-10 , C
CUTTACK - Orissa, 753014
India.

Your Reference :
Our Reference :
PO Currency : Indian Rupee
PO Validity : 20.10.2021 To 31.01.2022

VALID FROM : 20.10.2021
VALID TO : 31.01.2022

I) PO CONFIRMATION/ACKNOWLEDGEMENT:

You shall receive an email confirmation after release of each Purchase Order from our end. Email will provide you a link, from which you can log into SRM portal and view and/or download the PO. For downloading or saving the PO, please click on "PRINT" option. Immediately after receipt of PO, you have to provide "CONFIRMATION" to all items. Alternately, you may directly log into your account in SRM portal through our official website <https://sesagoaironore.com/procurement/vendor-e-portal/> and provide "CONFIRMATIONS". In case no confirmation is received from you within 2 days of receipt of PO, then PO shall be deemed accepted to you. However, without giving "CONFIRMATION", ASN as follows, cannot be created, and it has to be done without exception.

Confirmations, acknowledgement and ASN shall not be applicable for Service line items of the PO

II) PRE-DELIVERY CONDITION:

1) At the time of dispatch of material. You have to log into SRM system, open "Create ASN" tab and enter dispatch details, like DC No., DC date, Vehicle No., Quantity, LR No. & LR Date against each proposed delivery item, and saved, when system will generate a unique no. This is called as Advance Shipping Notice (ASN), and same has to be imprinted on every Invoice.

ASN shall not be applicable for Service POs

2) In our endeavor to support and save environment, we have gone paperless w. e. f. 15.09.2016, for which we have introduced Vendor Invoice Management system (VIM). For

PURCHASE ORDER CONTINUATION

PO NO : 4800020159

Page : 2 of 97

this you have to scan and post the Invoice from now onwards on the designated e-mail Id, Invoice.sesa@vedanta.co.in; clearly indicating PO No. and ASN no as above; without which payment processing shall not take place, or may get delayed.

3) Following guidelines to be strictly followed for posting of Invoices in VIM:

- a) All Invoices should be uploaded in PDF format only; any other format is not recognized by the system and shall automatically become null and void. Please note.
- b) Strictly One Invoice per PO to be posted and no two or more PO nos. to be combined under the same Invoice.
- c) Strictly One Invoice to be attached and posted per e-mail, and not more than one, else such multiple Invoice mail/s will become null and void automatically.
- d) Create a new field in your Invoicing system for entering "ASN NO" by printing, and which please do not write manually.
- e) Hand written Invoices shall not be acceptable, hereinafter, and all such Invoice mail/s will become null and void automatically.
- f) Use very simple Font like "Times Roman", or "Arial" for printing the Invoices.
- g) On the Invoice, in one column/box please update only one field, and do not mix with any other field, e.g. PO and PO date should be updated in separate fields. Similarly update Invoice No.; Invoice date; DC No. ASN no etc. and all in independent fields.
- h) All Invoices will have to be digitally signed, w.e.f. 03.10.2016 and for which you will have to get your digital signature done urgently. Invoices without digital signature may not be acceptable from 03.10.2016.
- i) Requested not to send any other document/s, other than Invoice and relevant docs like copy of LR, DC etc. on this id Invoice.sesa@vedanta.co.in, else system may block sender's ID.

4) Copy of Delivery challan / Invoice, warranty/guarantee certificate may please be sent with the consignment only, but strictly do not send any documents to purchase / commercial dept, except Bank Guarantees.

5) Vendors shall prepare the DFT with Delivery Plant address and not on Head Office address and strictly dispatch / submit the excise invoices (DFT) along with material, so that we can avail CENVAT benefit without any problems. Once digital signatures are in place, no hard copy may be required, to be submitted.

6) In case if the above details are not provided on the portal, system shall throw errors for want of the same and unloading may be delayed, and payment processing may not be possible. Also ASN is required for evaluating vendor's performance, and non-compliance shall lead to negative score & thus you stand to lose points in the vendor rating. In case of repetitive default in filling ASN, or complying with any other details, as above; we reserve the right to reject the material.

PURCHASE ORDER CONTINUATION

PO NO : 4800020159

Page : 3 of 97

III) You shall also receive regular mails confirming acceptance of material in stores and Invoice posting, from which you can view the details appropriately.

Requested to follow the above procedures and co-operate for proper functioning of SRM and VIM systems and for smooth processing of Bills, from now onwards.

Please supply the under mentioned materials / services subject to the prices, terms and conditions mentioned below, "General Terms and Conditions" and "Applicable Standard terms and conditions":

Sr.	Item code	Plant	UOM	Req. Qty	Rate	Value
No.Specification						
1	Wild life management plan OSMI Ostapal Mines 9912050033	OSMI	AU	1.000	600,000.00	600,000.00
1	ENVIRONMENTAL CONSULTANCY SERVICES FOR OBTAINING PERMISSION UNDER CRZ RULES		LS	1.000	600,000.00	600,000.00
HSN/SAC Code :				IN : Central GST(9.00%)		54,000.00
				IN : State GST(9.00%)		54,000.00
Line no	A/c code	Buss.Area	Cost center	Internal Order	WBS Element	Network no
01	325022	FA15	OS42000F			Asset id
Delivery Place :Ferro Alloys Corporation Limited						
OSTAPAL						
OSTAPAL , KALIAPANI JAJPUR						
Orissa ,India -755047						
2	Wild life management plan KRMI of Kalarangiat 9912050033	KRMI	AU	1.000	600,000.00	600,000.00
1	ENVIRONMENTAL CONSULTANCY SERVICES FOR OBTAINING PERMISSION UNDER CRZ RULES		LS	1.000	600,000.00	600,000.00
HSN/SAC Code :				IN : Central GST(9.00%)		54,000.00
				IN : State GST(9.00%)		54,000.00
Line no	A/c code	Buss.Area	Cost center	Internal Order	WBS Element	Network no
01	325022	FA15	KR18000F			Asset id
Delivery Place :Ferro Alloys Corporation Limited						
MINE - KALARANGIATTA						



More than **250**
employees volunteered and
around **5000** people
benefitted from **14** villages
at Kaliapani weekly market
(haat) on **30th** April 2022.

Awareness Drive on "Prevention of Forest Fire" & "Plant Trees for a Better Tomorrow"

Sensitivity: Public (C)

Expenses Towards Occupation Health

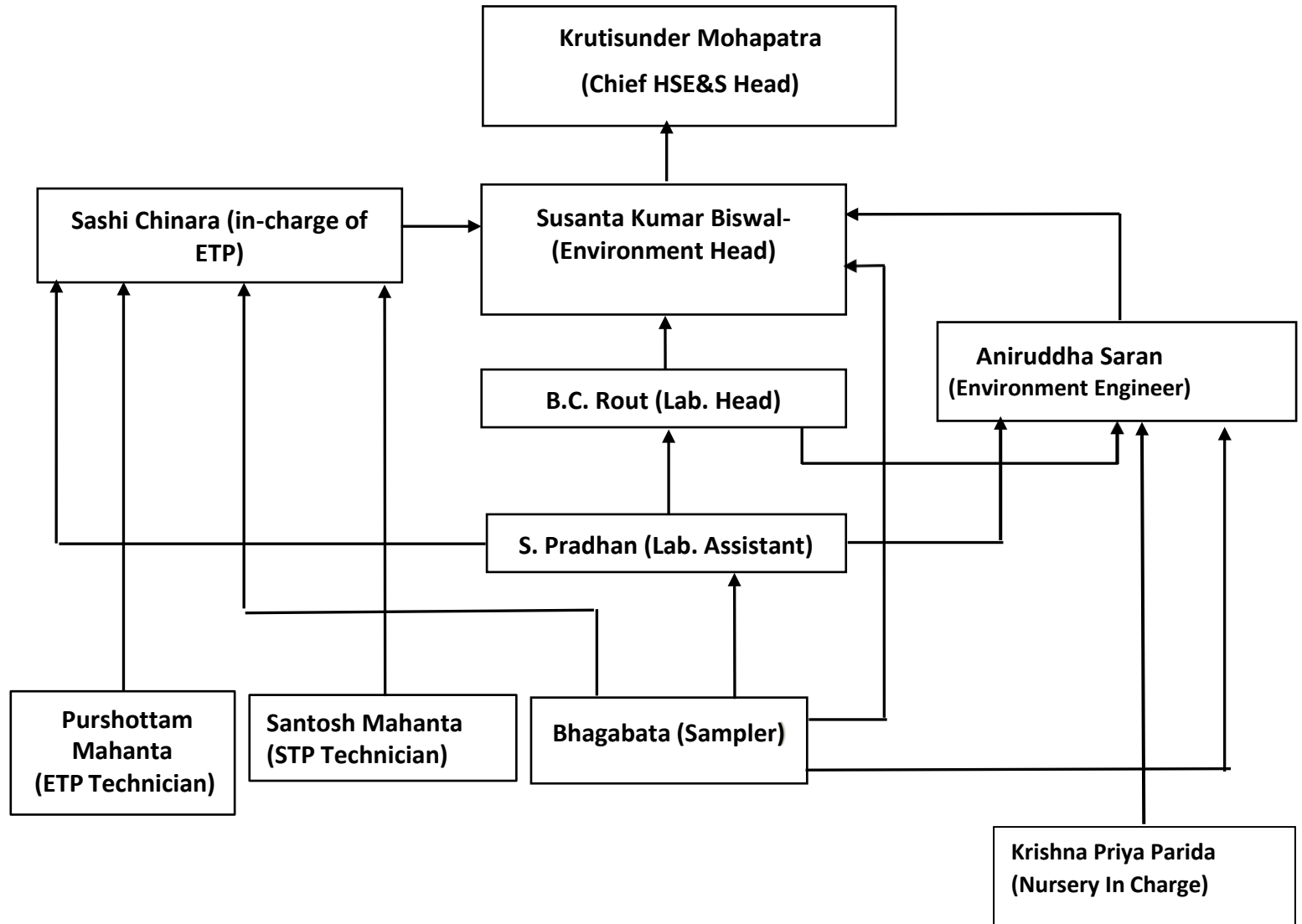
FROM APRIL'22 TO MARCH'23

OSTAPAL CHROMITE MINE, M/S FACOR LTD

SI No	Months			
		Manpower in Mines	Medicine in Mines	Total Cost
1	April'22	110000.000	6492.000	116492.00
2	May'22	165000.000	7709.000	172709.00
3	June'22	165000.000	0.000	165000.00
4	July'22	165000.000	185321.000	350321.00
5	Aug'22	165000.000	12694.000	177694.00
6	Sep'22	165000.000	161042.000	326042.00
7	Oct'22	165000.000	6032.000	171032.00
8	Nov'22	165000.000	12563.000	177563.00
9	Dec'22	165000.000	84206.000	249206.00
10	Jan'23	165000.000	0.000	165000.00
11	Feb'23	165000.000	56895.000	221895.00
12	Mar'23	159677.419	10823.000	170500.42
Total : -		1919677.42	543777.00	2174253.42

Organizational Chart of Environment Management Cell

Ostapal Chromite Mines



OCM/ENV/ 1951/2023

Annexure-9

Dated: 13.09.2023.

To
The Joint Director(s)
Ministry of Environment, Forest & Climate Change,
Eastern Regional Office,
Bhubaneswar

Sub.: Submission of Audited Statement in connection with EC Condition no.-10, 11 & 12 of Ostapal Chromite Mines of M/s FACOR LTD.

Ref.: (I) **EC Identification No.:** EC22B001OR120821, Dated: 04.04.2022

(II) Submitted Six Monthly Compliance Report Vide Ltr No. OCM/ENV. /1608 /2023, Dated 10.05.2023

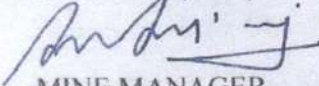
Dear Sir,

With reference to the captioned subject & cited reference, we are herewith submitting audit statement pertaining to Expenses towards CER & revised expenses amount towards EMP and Expenses towards Occupational Health FY 2022-23 in respect of Ostapal Chromite Mine of M/s FACOR LTD.

This is for your Kind consideration, Please.

Thanking You

Yours faithfully,
for Ferro Alloys Corporation LTD


MINE MANAGER
13/09/2023

Encl.: A/a





SS JENA & CO.

CHARTERED ACCOUNTANTS

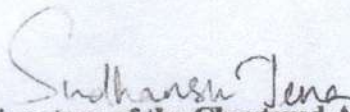
CERTIFICATE

TO WHOM SO EVER IT MAY CONCERN

We hereby certify from the examination of the books of accounts and other relevant records of the applicant **M/s. Ferro Alloys Corporation Limited**, GSTIN – 21AAACF1999A1Z3 that the company has incurred expenditures of **INR 3,13,94,121.27/- (Three Crore Thirteen Lakh Ninety Four Thousand One Hundred Twenty One Rupees and Twenty Seven Paise Only)** during the financial year 2022-23 for Ostapal Chromite Mines.

SL NO.	PARTICULARS	AMOUNT (INR)
1	Corporate Environment Responsibilities	78,19,116/-
2	Occupational Health & Safety	23,41,587.27/-
3	Environmental Management Expenses	2,12,33,418/-
	TOTAL	3,13,94,121.27/-

Note: The expenditures figures are certified on the basis of un-audited financial statements and the accounts maintained by the applicant.


Signature of the Chartered Accountant:

Name: SUDHANSU SEKHAR JENA

Membership number: 317612

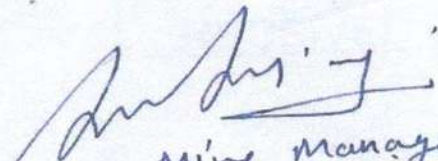
FRN: 333142E

UDIN: 23317612BGRWOR6492

Place: BHUBANESWAR

Date: 06/09/2023




Mine manager
13/09/2023



+91-90875-55447
+91-78468-92665



1801/2600, 2nd Floor, Mangala Mandir Square,
Near SBI Sailashree Vihar Bhubaneswar Odisha,
INDIA, 751021



Email : ssjenaco@gmail.com

FACOR

CHROME ORE MINING DIVISION

M/s. FERRO ALLOYS CORPORATION LTD.

OSTAPAL CHROMITE MINES

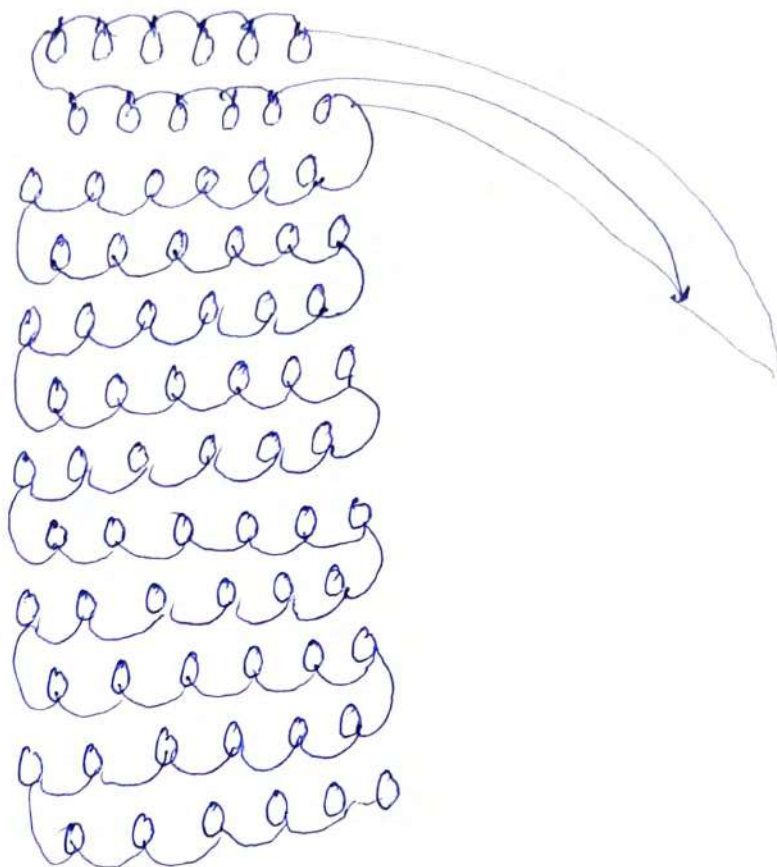
BLASTING REPORT

DATE : 23/02/23

TIME : 2.00 pm

- | | | | |
|-----|-------------------------------|---|------------------------|
| 1. | Place of Blasting | : | N. Side RL-74 |
| 2. | Size of Holes (DIA) | : | 120 mm |
| 3. | No. of Holes Blasted | : | 72 |
| 4. | No. Of Rounds | : | 01 |
| 5. | No. of Holes fired in a Round | : | 72 |
| 6. | Charge per Hole | : | 556 |
| 7. | Charge per Delay | : | 556 |
| 8. | Charge per Round | : | 400 kg |
| 9. | Type of explosives used | : | Solar prim |
| 10. | Spacing | : | 2.5 |
| 11. | Burden | : | 2.0 |
| 12. | Depth | : | 3.0 |
| 13. | Toe Burden | : | 2.0 |
| 14. | Vibration | : | Normal |
| 15. | Throw | : | 2.0 |
| 16. | Charge Ratio | : | 2.7 m ³ /kg |
| 17. | Blast Pattern | : | staggered |

18. Rough Sketch showing the Drilling & firing Pattern :-



[Signature]
Blaster

[Signature]
Foreman

[Signature]
Asst. Mines Manager

[Signature]
Mines Manager

FACOR/ Bhadrak/ Legal /109 /2022

Dtd. 25.04.2022

To

Dr. K. Murugesan,
Member Secretary,
State Environment Impact Assessment Authority (SEIAA), Odisha,
Ministry of Environment, Forest and Climate Change, (MOEF&CC),
Government of India.

Ref : EC Identification No. EC22B001OR120821, dtd. 04/04/2022.

Sub : Requisition to delete Specific Condition no.18 and 19 from the Environment Clearance dtd. 04.04.2022 granted to Ostapal Chromite Mines of M/s. Ferro Alloys Corporation Limited in compliance to the various Court Orders.

Dear Sir,

At the outset, the management of. Ferro Alloys Corporation Ltd. ("FACOR") wish to thank the State Environment Impact Assessment Authority (SEIAA), Odisha for grant of Environment Clearance to our Ostapal Chromite Mines vide EC Identification No. EC22B001OR120821 dtd. 04/04/2022 for enhancement of production from 0.2 MTPA to 0.240 MTPA of Chromite Ore (ROM).

We also do hereby assure and undertake before your good office that we shall comply all the terms and conditions stipulated in the aforesaid Environment Clearance (EC) dtd. 04.04.2022 within due time.

On a perusal of the above-referred EC document, there are 2 conditions viz. Specific Conditions no.18 and 19, requiring us to comply with directions of the Hon'ble Supreme Court in WP 114/2014 as below:

Specific Condition No. 18:

"The Project proponent complies with all the statutory requirements and judgements of the Hon'ble Supreme Court dated 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of Indian & ors. Before commencing the mining operations, if applicable to the project."

Specific Condition No. 19:

"The State Government concerned shall ensure that mining operations shall not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in the strict compliance of judgement of the Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No 114 of 2014 in the matter of common Cause versus union of India & Ors. as may be applicable".

We humbly submit that the these two conditions, are not applicable to the present Project Proponent as the liabilities arising out of the said judgement has been extinguished consequent to the Corporate Insolvency Resolution Process ("CIRP") which FACOR underwent recently; the same has been later reiterated by the Hon'ble High Court of Odisha in W.P. (C) 20286 of 2020 (FACOR Vs. State of Odisha), as below:

Page 1 of 3


M/s. Ferro Alloys Corporation Ltd. (A subsidiary of Vedanta Ltd.)

Sensitivity: Internal (C3)

Registered Office:

D.P. Nagar, PO: Randia, Dist.: Bhadrak, Odisha, India - 756 135

T +91-6784 240320/240347, Email: facor.mines@vedanta.co.in / facor.ccp@vedanta.co.in

Website: www.facorgroup.in, CIN: U45201OR1955PLC008400.

1. That, pursuant to an application U/s-7 of the Insolvency and Bankruptcy Code (IBC) - 2016 filed by Rural Electrification Corporation Limited ("REC") FACOR, the Hon'ble National Company Law Tribunal, Kolkata Bench (NCLT, Kolkata), vide its order dated 6th July, 2017 initiated Corporate Insolvency Resolution Process ("CIRP") against FACOR and declared moratorium under Section-14 of the Insolvency and Bankruptcy Code, 2016 (IBC- 2016). Copy of the NCLT order dt.06-07-2017 is enclosed herewith as **Annexure-1**.
2. That subsequently, Hon'ble National Company Law Tribunal ("NCLT") Cuttack Bench, vide Para no.19 of its order dtd. 30.01.2020 has approved the Resolution Plan submitted by M/s. Sterlite Power Transmission Limited (a group of Vedanta Ltd.) under IBC-2016. Copy of the NCLT order dt.30.01.2020 is enclosed herewith as **Annexure-2**.
3. That, according to the provisions of IBC-2016, r/w the Approved Resolution Plan ("ARP") of FACOR, all statutory dues owed by the company to various Government Authorities prior to the Plan Effective Date i.e the date on which the Approved Resolution Plan was accepted and approved by Hon'ble NCLT Cuttack, has been extinguished.
4. That Hon'ble NCLT Cuttack bench vide Para -19 of the said order has also instructed that the Approved Resolution Plan of FACOR shall be binding on the Corporate Debtor and its employees, members all creditors including Central and State Government and local authorities, guarantors and other stake holders.
5. That subsequent to the judgment dt. 02.08.2017 passed by Hon'ble Supreme Court of India in W.P. no.114 of 2014 in the matter of Common Cause Vrs. Union of India and others, Deputy Director of Mines, Jajpur Road Circle has demanded Rs. **200,56,57,434/-** vide notice no.555 dtd. 10.04.2018, towards payment for compensation of u/s 21(5) of MMDR Act 1957 for excess mining in violation to the Environment Clearance granted by Ministry of Environment and Forest (MOEF). MOEF for the period from 2000-2001 upto 2010-2011.
6. That being aggrieved by the said demand notice we have filed Revision application before the Revisional Authority of Ministry of Mines, Govt. of India, New Delhi on dt.24.04.2018 vide R.A no. 22/(40) /2018/RC-I. After hearing, the Revisional Authority, Ministry of Mines had granted interim-stay vide its order dt.10.05.2018 to the impugned demand notice of DDM till further order.
7. That meanwhile relying upon the order dt.30.01.2020 passed by Hon'ble NCLT Cuttack, supported by various Supreme Court Judgments and the express provisions of IBC-2016, FACOR has raised the issue before the Hon'ble High Court of Orissa vide W.P. (C) No. 20286 of 2020 in the matter of Ferro Alloys Corporation Ltd Vs. State of Odisha regarding various statutory/ mining dues demanded by Government Authorities related to periods prior to the 'plan effective date'. We had also prayed before Hon'ble High Court to quash those demands pertaining to prior period of plan effective date.
8. That after hearing both the parties, Hon'ble High Court of Odisha vide its judgement dtd. 10.12.2021 in WP 20286 of 2020 (FACOR Vs. State of Odisha), has held that, "In terms of

Section 31 of the IBC, the ARP is binding on all creditors including Central Government and the State Government. Since all of the impugned demands raised against FACOR pertain to the period prior to the Plan Effective date i.e. 31st January 2020, all such demands stand automatically extinguished in terms of the ARP.

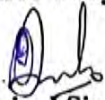
9. That, consequently, vide para 33 of the said judgement, Hon'ble Court has decided that, "The demand raised against the Petitioner (FACOR) by the Opposite Parties on the strength of the decision of the Supreme Court in Common Cause are unsustainable in law and are hereby set aside". Copy of the High Court order dt.10.12.2021 is enclosed herewith for your ready reference as Annexure-3.
10. That subsequently the matter with respect to demand notice issued against Ostapal chromite Mines U/s- 21 (5) of MMDR Act, 1957 for production in excess of EC in pursuance of the Common Cause Judgement was heard by the Revisional Authority Ministry of Mines, Govt. of India New Delhi in Revision application No.22/40/2018/RC-I.
11. That vide its order dated 23.12.2021 the Revisional Authority has expressly declared the said demand notice of DDM Jajpur as infructuous. Further it was held that, "In view of the above, it appears that the amounts mentioned in the demand notices are not included in the resolution plan and stand extinguished. Hence, the State Government cannot take any steps to recover the amounts.". Copy of the said order dtd.23.12.2021 is enclosed herewith as Annexure-4 for your kind perusal and reference.

Thus, it is abundantly clear from the above-stated facts, provisions of law and orders of Hon'ble High Court of Odisha and Revisional Authority, Ministry of Mines that there is no further requirement for FACOR to comply with the directions of Hon'ble Supreme Court in WP 114/2014.

Hence, we would like to request your good office to kindly delete Specific Condition No. 18 & 19 from the Environment Clearance (EC) dtd.04.04.2022 granted by your good office, since these two conditions are not applicable to Ostapal Chromite Mines of M/s. Ferro Alloys Corporation Ltd.

Thanking You
Yours faithfully

For Ferro Alloys Corporation Ltd



Authorised Signatory

Copy : Ministry of Environment and Forest, New Delhi.

D R .
F. No. 8-86/1996-FC (Vol. II)
Government of India
Ministry of Environment & Forests
(F.C. Division)

Paryavaran Bhawan,
C.G.O. Complex, Lodhi Road,
New Delhi-110003

Dated : 7th February 2006

To
The Secretary (Forests),
Government of Orissa,
Bhubaneswar.

Sub: Diversion of 64.354 ha of forest land for 1st renewal of mining lease for mining of Chromite Ore in Ostapal Chromite Mine in favour of M/s Ferro Alloys Corporation Limited (FACOR) in Jaipur District, Orissa.

Sir,

Kindly refer to your letter No. 10F(Cons) 67/2005/15539/F&E dated 02.09.2005 whereunder the above proposal was forwarded to this office seeking prior approval of the Central Government in accordance with the Section-2 of the Forest (Conservation) Act, 1980 and to say that the above proposal was examined by the Forest Advisory Committee (FAC) constituted under Section-3 of the Act.

2. After careful consideration of the proposal of the State Government and on the basis of the recommendation of the Forest Advisory Committee, the Central Government granted in-principle approval vide letter of even no. dated 03.10.2005 subject to certain conditions. The compliance of these conditions was submitted vide State Government's letter No. 10F(Cons)67/2005/15539/F&E dated 19.01.2006. After consideration of the proposal and compliance of various conditions by the State Government, the Central Government hereby conveys its approval under Section-2 of the Forest (Conservation) Act, 1980 for diversion of 64.354 ha of forest land for 1st renewal of mining lease for mining of Chromite Ore in Ostapal Chromite Mine in favour of M/s Ferro Alloys Corporation Limited (FACOR) in Jaipur District, Orissa, subject to the fulfilment of following conditions :-

- (i) Legal status of the forest land shall remain unchanged.
- (ii) The non-forest land identified for Compensatory Afforestation shall be declared as Protected Forest under Indian Forest Act, 1927, as directed while granting approval on 04.05.1998. Compliance report in this regard may be sent to this office within 3 months.
- (iii) The mining lease period under the Forest (Conservation) Act, 1980 shall be co-terminus with the current lease granted under MMRD Act, 1957.
- (iv) The State Government shall transfer amount of NPV and other funds to Compensatory Afforestation Fund Management and Planning Authority (CAMPA), which has already been constituted and notified by the Central Government on 23.04.2004. Till such time, the CAMPA intimates the Head of Accounts for deposition of funds, the funds will be maintained in the form of fixed deposits in the name of Nodal Officer or concerned Divisional Forest Officer of the State Government. The funds realized towards the NPV shall not be utilized by the State Government.
- (v) RCC pillars of 4 feet height shall be erected to demarcate the area by the user agency at the project cost and will be marked with forward and back bearings.
- (vi) The user agency shall raise, fence and maintain a safety zone around the mining area and will also raise and maintain the plantation over an area one and half times in extent

P.T.O.

to that of the safety zone at the project cost. The condition of raising safety zone and raising plantation on forest land 1.5 times the area of safety zone as stipulated earlier should be complied with immediately and a compliance report should be sent to this office within 3 months.

- (vii) The concurrent reclamation plan shall be executed by the user agency from the very 1st year and an annual report shall be sent to the Nodal Officer and the RCCF, Bhubaneswar. If it is found from the annual report that the concurrent reclamation plan is not being adhered to by the user agency, the mining activities shall remain suspended till such time, the annual programme is completed for that year.
- (viii) The top soil shall be protected at the project cost.
The comprehensive Wildlife Management Plan of conservation of wildlife and their habitat for Sukinda mining belt shall be implemented at the project cost.
- (ix) No labour camps shall be established on the forest land.
- (x) All necessary measures should be taken by the user agency to protect the environment.
- (xi) Sufficient firewood shall be provided by the user agency to the labourers at the project cost after purchase from the State Forest Department/Forest Development Corporation.
- (xii) The user agency shall ensure that there should be no damage to the available wildlife.
- (xiii) The forest land shall not be used for any purpose other than that specified in the proposal and the land use shall be as mentioned in the State Government's letter No. 10F(Cons)/67/2005/1037/F&E dated 19.01.2006.
- (xiv) The State Government shall ensure that Compensatory Afforestation as stipulated for the State should be taken up and the targets are achieved. The amount to be deposited by the different user agencies should be realised from them immediately. A compliance report may be sent to this office in this regard.
- (xv) The forest land thus diverted shall be non-transferable. Whenever and whatever extent of the forest land not required, shall be surrendered to the State Forest Department under intimation to this Ministry.

Yours faithfully,

(Pankaj Asthana)
Assistant Inspector General of Forests

Copy to:-

1. The Principal Chief Conservator of Forests, Government of Orissa, Bhubaneswar.
2. The Nodal Officer, Forest Department, Government of Orissa, Bhubaneswar.
3. The Chief Conservator of Forests (Central), Regional Office, Bhopal.
4. User Agency.
5. Guard File.
6. Monitoring Cell.
7. PS to IGF (FC)

(Pankaj Asthana)
Assistant Inspector General of Forests



FAX : 2562822/2560955
Tel : 2564033/2563924
EPABX : 2561909/2562847
E-mail: paribesh1@ospcboard.org
Web site : www.ospcboard.org



OFFICE OF THE STATE POLLUTION CONTROL BOARD, ODISHA

[Forest, Environment & Climate Change Department, Govt. of Odisha]
Parivesh Bhawan, A/118, Nilakantha Nagar, Unit-VIII,
Bhubaneswar - 751 012

BY SPEED POST/
THROUGH ONLINE

No. 5181 /

IND-II-CTE - 6642

Date 31.03.2022

CONSENT TO ESTABLISH ORDER

In consideration of the online application no. **3907466** for obtaining Consent to Establish for **Ostapal Chromite Mines of M/s FACOR Ltd.**, the State Pollution Control Board is pleased to convey its Consent to Establish under section 25 of Water (Prevention & Control of Pollution) Act, 1974 and section 21 of Air (Prevention & Control of Pollution) Act, 1981 for **increase in production from 0.2 MTPA to 0.240 MTPA Chromite Ore (ROM) with maximum excavation of 0.579 Million cum per Annum through opencast mining method over a mining lease area of 72.843 ha., At – village Gurujanga, Tahasil-Sukinda in the district of Jajpur with the following conditions.**

GENERAL CONDITIONS:-

1. This Consent to Establish is valid for the product, method of mining and capacity mentioned in the application form. This order is valid for five years, which means the proponent shall commence mining activities for the proposal within a period of five years from the date of issue of this consent to establish order. If the proponent fails to commence mining activities for the proposal within five years then a renewal of this consent to establish shall be sought by the proponent.
2. The mine shall comply to the provisions of Environment Protection Act, 1986 and the rules made there under with their amendments from time to time such as the Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016, Hazardous Chemical Rules /Manufacture, Storage and Import of Hazardous Chemical Rules, 1989 etc. and amendments there under. The mine shall also comply to the provisions of Public Liability Insurance Act, 1991, if applicable.
3. The mine shall apply for grant of Consent to operate under section 25/26 of Water(Prevention & Control of Pollution)Act, 1974 & under section 21 of Air (Prevention & Control of Pollution)Act, 1981 at least 3 (three) months before the commencement of production and obtain Consent to Operate from this Board.
4. This Consent to Establish is subject to statutory and other clearances from Govt. of Odisha and/or Govt. of India, as and when applicable.



BY REGD. POST WITH AD

STATE POLLUTION CONTROL BOARD, ODISHA

[DEPARTMENT OF FOREST, ENVIRONMENT & CLIMATE CHANGE, GOVERNMENT OF ODISHA]

A/118, Nilakantha Nagar, Unit-VIII, Bhubaneswar-751012

Phone-2561909, Fax: 2562822, 2560955 E-mail: paribesh1@ospcboard.org, Website: www.ospcboard.org

CONSENT ORDER

No. 11221 /

IND-I-CON- 1163

Dt. 28.06.2022 /

CONSENT ORDER NO. 366

Sub: Consent for discharge of sewage and trade effluent under section 25/26 of Water (PCP) Act, 1974 and for existing / new operation of the plant under section 21 of Air (PCP) Act, 1981.

Ref: Your online application No.4076086, dated 13.03.2022, online reply dated 05.04.2022 and your letter No. OCMM/ENV/961/2022, dated 30.05.2022.

Consent to operate is hereby granted under section 25/26 of Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of Air (Prevention & Control of Pollution) Act, 1981 and rules framed thereunder to

Name of the Industry: OSTAPAL CHROMITE MINES OF M/S. FACOR LTD.

Name of the Occupier & Designation: SRI AJAYA KUMAR PATRA, MINES MANAGER

Address: AT: GURUJANG, PO: KALIAPANI, DIST: JAJPUR

This consent order is valid for the period up to 31.03.2026.

This consent order supersedes the earlier consent order issued vide letter No.4047, dated 16.03.2022.

Details of Products Manufactured:

Sl. No	Product	Quantity
01.	Chrome ore(ROM)	0.24 MTPA [Maximum excavation of 0.579 million cum per annum excavation]

Details of Mineral Handling Plants/Units:

01.	Operation of COB Plant of capacity	0.1 MTPA (chrome ore concentrate)
-----	------------------------------------	-----------------------------------

This consent order is valid for the specified outlets, discharge quantity and quality, specified chimney/stack, emission quantity and quality of emissions as specified below. This consent is granted subject to the general and special conditions stipulated therein.

Annexure No-14

DISTRICT MINING OFFICE, BAOAMBADI, CUTTACK 753 012.

From

No. 2718 / Mines, Dt. 2-12-85

Smt. A. K. Das, I.A.S.,
Collector, Cuttack.

To

M/s. Ferro Alloys Corporation Ltd.,
59 Forest Park, Ghrishnagar-9.

Subject-

Grant of surface right permission over 48.63 acres
of land out of the total area of land 100 acres in
village Gurjang and Ostapal in Cuttack district in
favour of M/s. FACOR Ltd.

Reference-

Your letter No. SF/68/2763 dt. 29.9.85.

Sir,

With reference to your letter cited above, you are
hereby granted with permission for surface right over an area of
48.63 acres land, the entitled land particulars are enclosed herewith
under the terms and conditions under clause 2 of Part III of the
Surface Lease Deed, in the old worked out area where fresh clearance
of forest vegetation is not involved subject to payment of the
cost of compensatory plantation dues and the following conditions
of lease deed without prejudice to the final decision on the writ
petition.

1. You shall indemnify and reimburse Govt, and third
party as laid down in clause 2 of part VIII, clause
3 and 15 of part VII and clause 4 and 6 of part III
of the main lease deed.
2. You shall pay compensatory plantation cost for
the area under surface right and value of the
forest growth to the Divisional Forest Officer,
Kunjabar.

LAND SCHEDULE

Village	Khata No.	Plot No.	Total area.	Classification of the land as per R.O.R.	Area recom- nded.
1	2	3	4	5	6
Gurjang	43	1	Ac. 222.50	Sal Jungle	Ac. 5.63
Ostapal	1	30	Ac. 697.00	-do-	Ac. 43.00
Total:					Ac. 48.63

Yours faithfully,

COLLECTOR, CUTTACK.

DISTRICT OFFICE(MINING SECTION)
JAJPUR ROAD, DIST-JAJPUR

OFFICE ORDER No. 7850 /Mines Dt. 19.12 /98

Surface right permission over an area of Ac.10.66 or 4.314 hec. within the mining lease hold of Ostapal Chromite Mines is hereby accorded in favour of M/s. FACOR Ltd. for mining operation as applied for subject to the following terms and conditions. The details of the land schedule of the surface right granted area are given below.

LAND SCHEDULE

Village	Name of the tenants	Khata No.	Kisan	Plot No.	Area in Acs.
Gurujang	Ananta Mohanta	1	Sarada-II	317	0.34
-do-	-do-	1	Sarada-II	320	0.18
-do-	Kailash Ch. Mohanta	3	-do-	318	0.26
-do-	-do-	3	-do-	321	0.50
-do-	Gura Dehuri ✓	7	-do-	230	0.06
-do-	Gouranga Mohanta and others,	8	-do-	316	0.13
-do-	-do-	8	-do-	319	0.39
-do-	Darshanî Mohanta	12	-do-	307	0.06
-do-	-do-	12	-do-	309	0.06
-do-	-do-	12	-do-	312	0.06
-do-	Dhameswar Mohanta	14	-do-	304	0.02
-do-	-do-	14	-do-	306	0.04
-do-	-do-	14	-do-	311	0.12
-do-	Naba Pradhan	15	-do-	334	0.23
-do-	Pada Dehuri	16	-do-	328	0.58
-do-	Banawali Mohanta	19	-do-	305	0.07
-do-	-do-	19	-do-	308	0.05
-do-	-do-	19	-do-	310	0.09
-do-	-do-	19	-do-	313	0.02
-do-	Bhika Dehuri	23	-do-	253	1.77
-do-	Manguli Pradhan	24	-do-	302	0.09
-do-	Mukha Dehuri	27	-do-	226	0.04
-do-	-do-	27	-do-	229	0.07
-do-	-do-	27	-do-	329	0.44

Gurujanga	Rupa Dehuri (	28	Sarada-II	227	0.05
-do-	-do-	28	-do-	232	0.05
-do-	Laxmidhar Dehuri (	30	-do-	231	0.05
-do-	and others.				
-do-	-do-	30	-do-	228	0.05
-do-	-do-	30	-do-	233	0.006
-do-	Sujan Dehuri (	32	-do-	254	0.12
-do-	Hadibandhu Dehuri	34	-do-	336	0.045
-do-	-do-	34	-do-	337	1.71
-do-	Hadibandhu Pradhan	35	-do-	335	0.02
-do-	-do-	35	-do-	332	0.33
-do-	-do-	35	-do-	216	0.05

Total : 10.66 Acs.

or
4.314

1. Surface right granted area within the V.L. area should be properly demarcated ~~by~~ in the field before handing over possession to the lessee.
2. Forest growth if any within the surface right granted area should not be disturbed without obtaining permission from the concerned forest authority.
3. The lessee shall indemnify and reimburse to Govt. and third parties as laid down in Clause-2 of Part-VIII, Clause-3 and 15 of Part- VII and Clause- 4 to 6 of Part-III of the lease deed.

Recd. No. 7351 /Mines COLLECTOR, JAIPUR
Dated 10/12/98
Copy to Chief Executive, Mines, M/s. FACOR Ltd.,
Daxmi Bhawan, Kuansa, Phadrek for information with reference
to their letter No. 3725 dt. 25.8.97.

Recd. No. 7351 /Mines COLLECTOR, JAIPUR
Dated 10/12/98
Copy to the Divisional Forest Officer, Athagarh/
Bahazidgar, Sakinda, Jaipur Road for information.

OFFICE OF THE DEPUTY DIRECTOR MINES, JAJPUR ROAD CIRCLE
JAJPUR ROAD

VIDE LETTER No. /Mines, Dated the 21st January, 1999
 I, Shri M.R. Mohanty, Dy. Director Mines, Jajpur Road Circle do
 hereby deliver the possession of an of 10.66 Acr. or 4.314 Hots.
 of land for Chromite in Vill-Gurjanga in Sukinda Tahasil of
 Jajpur District to-day the 21st January, 1999 to
 Shri G. Shampa, Asst. General Manager-cum-Mines Manager, Ostapal
 Chromite Mines, M/s. FACOR Ltd., as granted by the Collector,
 Jajpur vide Order No. 7850 dtd. 19-12-96 for Surface Operation
 in presence of witness from both sides.

HANDLED-OVER

(M. R. MOHANTY)
 Dy. DIRECTOR MINES
 JAJPUR ROAD
 Deputy Director Mines
 Jajpur Road,

01. Shri G. Shampa
 Asst. General Manager
 Ostapal Chromite Mines
 21/1/99

02. Shri G. Shampa
 Asst. General Manager
 Ostapal Chromite Mines
 21/1/99

TAKEN-OVER

MINES MANAGER
 Ostapal Chromite Mines
 M/s. FACOR Ltd.
 Ostapal Chromite Mines

01.

11/1/99
 K. K. Mohanty
 Mines Manager
 M. A. Mohanty

02.

(Prasant Kumar Baral)
 Surveyor
 FACOR

Shri G. Shampa
 Asst. General Manager
 Ostapal Chromite Mines
 21/1/99
 S/Olate Harishan Mahanta
 Vill-Gurjanga

F. 7. 7

DISTRICT OFFICE (MINING SECTION)
JAJPUR ROAD

No. 2712 /2003-DDM Dated the 29th April 03

PROCEEDINGS

Pursuant to the letter No.8/86 96-Fc dt.4.5.98 of Govt.of India Ministry of Environment & Forests,New Delhi for diversion of forest land over 68,424 hets under section-2 of F.C Act-1980 addressed to Secretary,Forest Govt.of Orissa, Bhubaneswar and subsequently;

i)Allowed by Ministry of Environment and Forests New Delhi vide letter No.9/86/96 dt.29.7.98 addressed to Secretary Forest Govt.of Orissa,Bhubaneswar to work in the unbroken forest land.

ii)environmental clearance recorded for expansion of chromite mines of M/s Feroz Alloys Corporation Ltd.vide no.3/11012/36/2001 IA II(H) dt.5.4.02 addressed to the Chief Executive of Mines of M/s FACOR Ltd.

iii)allowed by Divisional Forest Officer,Athabuth Division to work over 44,647 hecets of unbroken forest land leaving 4.07 hets forest land for safety zone,communicated vide his Memo No.3588 dt.19.4.02 addressed to Deputy Director of Mines and (IV) Sri Ashok Kumar Agrawal recorded to him who is also Chief Executive of Mines of FACOR Ltd has given consent for grant of surface right for mining over 0.76 acre in plot no.119 of Khata No.35/1 and after careful consideration,surface right permission over an area of 107.14 acre or 43,359 hets within the mining lease hold area over 72,813 hets in vill Garujanga and Forest Block is hereby accorded in favour of FACOR Ltd for mining operation on following terms and conditions,the details of land schedule of surface right area granted are given below;

Land Schedule

As per Sabik Settlement

a)Forest block 27/1 = 76.99 acres.
(Daltari protected forest)

b)Village Garujanga:

Plot No.	Khata No.	Name of the tenant	Area
1/1	11	Anabadi Sal	30.15
			Jungle
As per Hal Settlement:			
c)Forest block 27/1		76.99 Acres.	107.14 Acres. 43,359 hec.

(2)

illage: Gurujanga.

Sl. No.	Name of the Tenant	Plot No.	Kissan Area in Acres.	Remarks.
1	2	3	4	5
36	Abada Jogya Anabadi	377/P	Patita 0.03	Part
36	-do-	396/	-do- 0.60	
36	-do-	400	-do- 0.38	
36	-do-	409	-do- 0.11	
39	Rakhita	314	Jungle 0.11	part
39	-do-	315	-do- 0.17	
39	-do-	323	-do- 0.10	
39	-do-	324	-do- 0.11	
39	-do-	325	-do- 0.10	
39	-do-	326	-do- 0.33	
39	-do-	327	-do- 0.95	
39	-do-	330	-do- 0.04	
39	-do-	338	-do- 0.05	Part
39	-do-	339	-do- 0.03	Tlo-
39	-do-	340	-do- 0.03	-do-
39	-do-	342	Mahara 0.02	-do-
39	-do-	343	Jungle 0.09	-do-
39	-do-	344	-do- 0.16	
39	-do-	345	-do- 1.39	
39	-do-	347	-do- 1.63	
39	-do-	349	-do- 0.18	
39	-do-	350	-do- 1.50	Part
39	-do-	351	-do- 0.18	
39	-do-	352	-do- 2.92	Part
39	-do-	353	-do- 0.41	
39	-do-	354	-do- 1.91	
39	-do-	355	-do- 0.37	
39	-do-	356	-do- 0.34	
39	-do-	357	-do- 0.20	
39	-do-	361	-do- 0.75	
39	-do-	378	-do- 0.21	Part
39	-do-	380	-do- 0.20	
39	-do-	281	-do- 0.10	
39	-do-	382	-do- 0.10	
39	-do-	383	-do- 0.10	
39	-do-	384	-do- 0.12	

// 3 //

39	Rohit	385	Jungal-1	0.07	
39	-do-	386	-do-	0.13	
39	-do-	387	-do-	0.15	
39	-do-	388	-do-	0.37	
39	-do-	389	-do-	0.10	
39	-do-	390	-do-	0.13	Part
39	-do-	391	-do-	0.33	
39	-do-	392	-do-	0.15	Part
39	-do-	393	-do-	0.30	
39	-do-	394	-do-	0.12	
39	-do-	395	-do-	0.03	Part
39	-do-	397	-do-	0.23	
39	-do-	398	-do-	0.06	Part
39	-do-	399	-do-	0.23	
39	-do-	401	-do-	0.19	
39	-do-	402	-do-	0.11	
39	-do-	403	-do-	0.11	
39	-do-	404	-do-	0.10	
39	-do-	405	-do-	0.14	
39	-do-	406	-do-	0.11	
39	-do-	407	-do-	0.31	
39	-do-	408	-do-	0.17	
39	-do-	411	-do-	0.71	
39	-do-	412	-do-	1.66	Part
39	-do-	413	-do-	0.76	Part
39	-do-	416	-do-	0.04	
39	-do-	417	-do-	0.77	
39	-do-	418	-do-	1.31	
39	-do-	419	Granga Jungal	0.63	
39	-do-	420	Jungal-1	1.53	Part
39	-do-	421	Granga Jungal	0.04	
39	-do-	452	-do-	0.30	
35/1	Ashok Kumar Agarwala	343	Jungal-1	0.76	

Total:- 30.15
12.202 Parts.

Grand Total:-

Forest Block - 70.99 Acres

Village Jungal - 30.15

107.14

(4)

Terms and Conditions

The surface right granted over ^{107.14} acres within the M.L. area should be demarcated in the field before handing over possession to lessee.

The forest growth if any within the surface right granted area should not be disturbed without prior permission of the forest Authority.

No activity what so ever shall be done by the lessee over 4.07 hecets.of forest land which is earmarked for safty zone.

The lessee shall observe all such terms and conditions as laid down in model form K of M.L deed.

The surface right is granted till the subsistence of the lease period.

34/-
COLLECTOR, JAJPUR

Memo No. 2713 /2003 Mines Dated. 29.4.03

Copy to M/sFACOR Ltd for information and necessary action with reference to their letter No.408 dt.4.6.2002.

66/31/03
COLLECTOR, JAJPUR

Memo No. _____ /2003-Mines Dated.

Copy forwarded to the Joint Secretary to Govt.Steel & Mines Deptt, Orissa, Bhubaneswar for information and necessary action.

COLLECTOR, JAJPUR

Memo No. _____ /2003- Mines Dated.

Copy forwarded to the D.F.O, Athagarh and Tahsildar Sukinda, Jajpur-road for information and necessary action.

COLLECTOR, JAJPUR.

DISTRICT OFFICE (MINING SECTION)
JAIPUR ROAD

No. 8271 / Mines Date: 3/8/11

From The District Magistrate and
Collector, Jaipur.

To M/s. Ferro Alloys Corporation Ltd.
Owner of Ostapal Chromite Mines
At: Laxmi Bhawan, PO: Kuans,
Dist: Bhadrak

Sub: Grant of surface right permission over 3.25 Acre. or
1.315 hect. of forest land of Ostapal Chromite Mines
of M/s. FACOR Ltd. under Sukinda Tahasil in Jaipur
District.

Sir,

With reference to your application dt: 16.07.11 and revised application dt: 22.07.2011 on the subject indicated above, the surface right permission is hereby accorded over an area of 1.315 hect. or 3.25 Acre. of forest land coming within 64.354 hect. of forest area approved by MOEF, Govt. of India vide order No. F No. 8-86/1996-FC (Vol-II) dt: 07.02.2006 within total lease hold area over 180 Acre. or 72.843 hect. in respect of Ostapal Chromite Mines of M/s. FACOR Ltd. as marked on the map and land schedule detailed below.

The surface right permission is granted as per Clause-2 of Part-III of Mining lease deed executed on dt: 13.08.1985 to 12.08.2005 for 20 years and extended under deemed extension as per rule 24 (A) (6) of MCR 1960 subject to the following condition and observance of terms and condition of lease covenants, Mines & Minerals (D&R) Act. 1957 and relevant rules made there under.

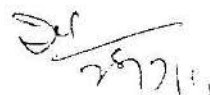
1. Surface right area within the Mining lease shall be demarcated in the field before handing over possession to the lessee.
2. All conditions stipulated by MOEF, Govt. of India vide letter No. F No. 8-86/1996-FC (Vol-II) dt: 07.02.2006 in forest clearance over 64.354 Hect. shall be observed by the lessee in respect of the forest area.
3. Surface rent as prescribed in MM (D&R) Act. 1957 and M.C. Rules 1960 shall be paid from the date of issue.

Contd...P/2

**Granted area land schedule as per Sabik settlement and
Corresponding to Hal settlement records.**

As per sabik Settlement Record					As per Hal Settlement Record				
Village Name	Khata No.	Plot No.	Kisam	Name of Tenants	Khata No.	Plot No.	Kisam	Name of Tenants	Area (In Acs.
Gurujanga No. 16	13	1/P	Sal Jungle	Anabadi Govt.	39	331	Jungle-1	Rakhit	0.25
					39	332	Jungle-1	Rakhit	0.18
					39	333	Jungle-1	Rakhit	0.13
					38	358/P	Jungle	Sarbasadharana	0.30
					39	359/P	Jungle	Rakhit	2.21
					38	360/P	Jungle	Sarbasadharana	0.18
					Total Area				3.25 Acs.

Yours faithfully




District Magistrate &
Collector, Jajpur


Memo No. _____ / Mines

Date: _____ /11

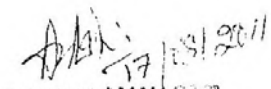
Copy forwarded to the Divisional Forest Officer,
Cuttack Forest Division, Cuttack./ the Tahasildar, Sukinda for information and
necessary action.


District Magistrate &
Collector, Jajpur

In pursuance of District office order No. 8271/Mines dt: 03.08.2011 of the Collector, Jajpur regarding surface right permission over 3.25 Acs. or 1.315 hec. in village Gurujanga under Sukinda Tahasil in Jajpur District granted in favour of M/s. FACOR Ltd. within lease hold area of 72.843 hec. of Ostapal Chromite Mines. I do hereby hand over the possession of above granted surface right area over 1.315 hec. or 3.25 Acs. to M/s. Ferro Alloys Corporation Ltd. signed by Sri. Anil Kumar Pati, AGM of Ostapal Chromite Mines of aforesaid day on 17.03.11 in presence of the following witness.


Deputy Director Mines
Jajpur Road

Taken over the possession of granted surface right area over 1.315 hec. in village Gurujanga under Sukinda Tahasil in Jajpur District within lease hold area of Ostapal Chromite Mines over 72.843 hec. for the day on 17.03.2011.


ASST. GENERAL MANAGER
For: M/s. Ferro Alloys Corporation Ltd.
OSTAPAL CHROMITE MINES

ABSTRACT

Sl.No.	Letter Ref. No. & Date	AREA	
		Acre	Hectares
(A)	<u>SURFACE RIGHT GRANTED</u>		
1.	Letter No.8271 Dtd.03.08.2011	3.25	1.315
2.	Letter No. 2712 Dtd. 29.04.2003	107.14	43.359
3.	Letter No. 7850 Dtd.19.12.1998	10.66	4.314
4.	Letter No. 2718 Dtd. 02.12.1985	48.63	19.680
	TOTAL:	169.68	68.668
(B)	<u>SURFACE RIGHT NOT GRANTED</u>		
5.	Safety Zone	10.06	4.07
6.	Debasthali	0.26	0.105
	TOTAL :	10.32	4.175
	GRAND TOTAL :	180.00	72.843

OCM / ENV / 836 / 2022

Date: 05.04.2022

To

1. The Collector and District Magistrate,
Dist.-Jajpur, Odisha.
2. The Sub-Collector, Jajpur,
Dist.-Jajpur, Odisha.
3. The Tahasildar, Sukinda,
Dist.-Jajpur, Odisha.
4. The Sarpanch, Kaliapani Gram Panchayat,
Tahasil- Sukinda, District -Jajpur, Odisha.

Ref : EC Identification No. EC22B001OR120821, dtd. 04/04/2022.

Sub.: Intimation regarding Grant of Environmental Clearance (EC) by SEIAA Odisha under the provisions of EIA Notification-2006 for increase in production from 0.20 MTPA to 0.24 MTPA Chromite Ore (ROM) with maximum excavation of 0.579 Million Cub Mt per Annum and Beneficiated Chrome Ore 0.10 MTPA from Ostapal Chromite Mine of M/s Ferro Alloys Corporation Ltd, Jajpur, ODISHA.

Respected Sir,

We would like to intimate your good office vide this letter that the State Environment Impact Assessment Authority (SEIAA), Odisha, coming under the Ministry of Environment, Forest and Climate Change, Government of India has granted the Environment Clearance (EC) to Ostapal Chromite Mine of M/s Ferro Alloys Corporation Ltd. (FACOR) vide EC Identification No. EC22B001OR120821 on dtd. 04/04/2022 for enhancement of production from 0.2 MTPA to 0.240 MTPA of Chromite Ore (ROM) with maximum excavation of 0.579 Million Cub Mt per Annum and Beneficiated Chrome Ore 0.10 MTPA from Ostapal Chromite Mine. This EC is also available in the official portal of Ministry of Environment, Forest and Climate Change, i.e <http://environmentclearance.nic.in>.

The said Environment Clearance has been issued by SEIAA, Odisha to our Ostapal Chromite Mines under the provisions of EIA Notification-2006. In compliance to the Specific Condition no.26 of this EC, we are furnishing herewith the copies of the Environment Clearance No. EC22B001OR120821, dtd. 04/04/2022 for the kind perusal and records of the Government offices and Heads of the local bodies

Received of this copy of EC may kindly be acknowledged herewith.

Thanking You

Yours faithfully,
for Ferro Alloys Corporation Ltd

Agent

Ostapal Chromite Mine

Encl: As above

Ferro Alloys Corporation Limited

Charge Chrome Plant, D.P. Nagar, Randia - 756 135, Dist. Bhadrak, Odisha, India.

Received LHD. 836
dt. 5.4.2022

Received
dt. 07.04.2022

Received
PR Section
Collectorate Jajpur

ANNEXURE 16

WATER CONSUMPTION FOR DUST SUPPRESSION OSTAPAL CHROMITE MINE		
FOR THE TIME PERIOD: APRIL 2023 TO SEPTEMBER 2023		
MONTH	TRIPS	KL
APRIL 2023	417	5004
MAY 2023	407	4884
JUNE 2023	270	3240
JULY 2023	53	636
AUGUST 2023	10	120
SEPTEMBER 2023	26	312
TOTAL	1183	14196
AVG TRIP PER DAY	7	
AVG KL PER DAY	84	



- Infrastructure Engineering
- Water Resource Management
- Environmental & Social Study

- Surface & Sub-Surface Investigation
- Quality Control & Project Management
- Renewable Energy

- Agricultural Development
- Information Technology
- Public Health Engineering

- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services



Ref: VCSPL/23-24/R- 07749

Annexure- 17

Date: 07.09.2023

FLOW RATE MEASUREMENT REPORT OF DAMSALA NALLAH

1. Name of Industry : M/s FERRO ALLOYS CORPORATION LIMITED , BHADRAK
OSTAPAL CHROMITE MINES , KALIAPANI, JAJPUR
2. Date of Sampling : 30.08.2023
3. Sampling Location : DAMSALA NALLAH
4. Sample Drawn By : VCSPL Representative in presence of Client representative

SL.No.	Location	Unit	Result
1.	Damsala Nallah	m ³ /s	218.4

Fagmala
Nagar

Reviewed By



P. Patil

Approved By



Annexure-18

OCM/CGWB/ 2070 /2023

Date: 28.10.2023

To
The Regional Director,
Central Ground Water Board,
South Eastern Region
Bhujal Bhawan, Khandagiri Square
Bhubaneswar, Odisha

SUB:- Submission of Ground water Level & Quality Monitoring report for the period July'23 to September '23 in respect to Ostapal Chromite Mine of M/s. FACOR Ltd.

Respected Sir,

We are submitting the ground water level and quality monitoring report carried out by NABL lab for the period **July'23 to September '23** for your kind information.

Monitoring reports are attached as annexure 1 & annexure 2

- 1.) Annexure 1 – Ground Water Level (from 2 DWLR and NABL Lab Monitoring Report)
- 2.) Annexure 2 – Ground Water Quality

Thanking You,

Yours Faithfully
Ferro Alloys Corporation LTD



Head Environment
Ostapal Chromite Mines

Encl : A/a

- CC: 1. Joint director, Ministry of Environment, Forest & Climate Change**
2. Superintending Engineer, Water resources Department , Jaraka - Irrigation division, Odisha
3. Regional Officer, Odisha State Pollution Control Board , Kalinganagar, Jajpur ,Odisha

M/s. Ferro Alloys Corporation Ltd. (A subsidiary of Vedanta Ltd.)

Registered Office:

D.P.Nagar, PO : Randia, Dist.: Bhadrak, Odisha, India - 756 135

T +91-6784 240320/240347, Email: facor.mines@vedanta.co.in / facor.ccp@vedanta.co.in

Website: www.facorgroup.in, CIN: U45201OR1955PLC008400.



● Infrastructure Engineering
● Water Resource Management
● Environmental & Social Study

● Surface & Sub-Surface Investigation
● Quality Control & Project Management
● Renewable Energy

● Agricultural Development
● Information Technology
● Public Health Engineering

● Mine Planning & Design
● Mineral/Sub-Soil Exploration
● Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Ref : Envlab/23-24/R- 07741

ANNEXURE 1

Date : 07.09.2023

GROUND WATER LEVEL REPORT- AUG 2023

1. Name of Client : M/s FERRO ALLOYS CORPORATION LIMITED , BHADRAK
2. Name of the Project : OSTAPAL CHROMITE MINES , KALIAPANI, JAJPUR
3. **Date of Sampling** : 23.08.2023
4. Sample Collected by : VCSPL Representative in presence of Client's Representative

SL. No.	Locations	Unit	DOS	Analysis Result
1	Bore well Near Workshop of Mines	mt/bgl	23.08.2023	4.23
2	Bore well Near Main Gate of OCM	mt/bgl	23.08.2023	5.46
3	Open Well Near Ostia Village	mt/bgl	23.08.2023	5.8
4	Open Well Near Ostapal Village	mt/bgl	23.08.2023	6.3
5	Tube well inside Shiva Temple of the Village Gurujanga	mt/bgl	23.08.2023	10.7
6	Tube well outside Shiva Temple of the Village Gurujanga	mt/bgl	23.08.2023	6.73
7	Eastern side of the Quarry (PZ-1)	mt/bgl	23.08.2023	6.38
8	Southern side of the Quarry (PZ-2)	mt/bgl	23.08.2023	5.5
9	Watsternside of the Quarry (PZ-3)	mt/bgl	23.08.2023	6.1

Fagmali
Reviewed By



P. Patil
Approved By



Ref : Envlab/23-24/R-07734

ANNEXURE 2

Date: 07.09.2023

GROUND WATER QUALITY ANALYSIS REPORT- AUG 2023

1. Name of Client : M/s FERRO ALLOYS CORPORATION LIMITED , BHADRAK
2. Name of the Project : OSTAPAL CHROMITE MINES , KALIAPANI, JAJPUR
3. Sampling Location : GW1: Bore well Near Work Shop of the Mines
GW2: Bore Well Near Main Gate of OCM
GW3: Open Well Near Ostia Village
4. Method of Sampling: APHA 1060 B
5. Date of Sampling : 23.08.2023
6. Date of Analysis : 24.08.2023 TO 30.08.2023
7. Sample Collected by : VCSPL Representative in presence of Client's Representative

Sl. No.	Parameter	Unit	TEST METHOD	Standard as per IS -10500:2012 Amended on 2015 & 2018		GW1	GW2	GW3
				Acceptabl e Limit	Permissabl e Limit			
Physical Parameter								
1	Colour	Hazen,Max	APHA 23 rd Ed,2017 : 2120 B, C	5	15	<5	<5	<5
2	Odour	--	APHA 23 rd Ed,2017 :2120 B	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3	pH at 25°C	--	APHA 23 ^{Rrd} Ed,2017 : 4500H ⁺ B	6.5-8.5	6.5-8.5	6.70	6.93	6.88
3	Taste	--	APHA 23 rd Ed,2017 : 2160 C	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
4	Turbidity	NTU,Max	APHA 2130 B	1	5	0.4	0.8	0.6
5	Dissolved Solids	mg/l,Max	APHA 23 rd Ed,2017 : 2540 C	500	2000	281	340	272
CHEMICAL PARAMETER								
1	Aluminium as(Al)	mg/l,Max	APHA 3500Al B	0.03	0.2	BDL	BDL	BDL
2	Ammonical Nitrogen(NH ₃ -N)	mg/l,Max	APHA 4500 NH ₃ C	0.5	0.5	BDL	BDL	BDL
3	Anionic Detergents (as MBAS)	mg/l,Max	APHA 5540 C	0.2	1.0	ND	ND	ND
4	Barium(Ba)	mg/l,Max	APFA 3111,B	0.7	0.7	BDL	BDL	BDL
5	Boron (as B)	mg/l,Max	APHA 4500 B,B	0.5	1.0	BDL	BDL	BDL
6	Calcium (as Ca)	mg/l,Max	APHA 23 rd Ed,2017 : 3500Ca B	75	200	39.6	42.7	45.5
7	Chloramines (as Cl ₂)	mg/l,Max	APHA 4500 –Cl G	4.0	4.0	ND	ND	ND
8	Chloride (as Cl)	mg/l,Max	APHA 23 rd Ed,2017 : 4500Cl ⁻ B	250	1000	55	40	42.5
9	Copper (as Cu)	mg/l,Max	APHA 3111 B,C	0.05	1.5	BDL	BDL	BDL
10	Fluoride (as F)	mg/l,Max	APHA 4500 F,C	1.0	1.5	0.15	0.19	0.25
11	Residual, free Chlorine	mg/l,Min	APHA 4500 Cl B	0.2	1.0	ND	ND	ND
12	Iron (as Fe)	mg/l,Max	APHA 23 rd Ed,2017 : 3111, B	1.0	1.0	0.30	0.32	0.28
13	Magnesium (as Mg)	mg/l,Max	APHA 3500 Mg B	30	100	16.3	20.0	16.1



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- Agricultural Development
- Information Technology
- Public Health Engineering

- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

14	Manganese (as Mn)	mg/l,Max	APHA 3500Mn B	0.1	0.3	BDL	BDL	BDL
15	Mineral Oil	mg/l,Max	APHA 5520 B	0.5	0.5	BDL	BDL	BDL
16	Nitrate (as NO ₃)	mg/l,Max	APHA 4500 NO ₃ ⁻ E	45	45	7.3	8.0	6.6
17	Phenolic Compounds(as C ₆ H ₅ OH)	mg/l,Max	APHA 5530 B,D	0.001	0.002	BDL	BDL	BDL
18	Selenium (as Se)	mg/l,Max	APHA 23 rd Ed,2017: 3500 Se C	0.01	0.01	BDL	BDL	BDL
19	Silver(asAg)	mg/l,Max		0.1	0.1	BDL	BDL	BDL
20	Sulphate (as SO ₄)	mg/l,Max	APHA 4500 SO ₄ ²⁻ E	200	400	25.6	28.1	31.2
21	Sulphide (as H ₂ S)	mg/l,Max	0.05	0.05	0.05	ND	ND	ND
22	Alkalinity	mg/l,Max	APHA 2320 B	200	600	115	155	170
23	Total Hardness (as CaCO ₃)	mg/l,Max	APHA 23 rd Ed,2017 : 2340 C	200	600	166	189	180
24	Zinc (as Zn)	mg/l,Max	APHA 23 rd Ed,2017: 3111 B	5	15	1.4	1.66	2.3
Toxic Parameters								
1	Chromium (as Cr ⁺⁶)	mg/l,Max	APHA 3500Cr B	0.05	0.05	BDL	BDL	BDL
2	Cadmium as(Cd)	mg/l,Max	APHA 23 rd Ed,2017: 3111 B	0.003	0.003	BDL	BDL	BDL
3	Cyanide as (CN ⁻)	mg/l,Max	APHA 23 rd Ed,2017: 4500 CN ⁻ C,D	0.05	0.05	BDL	BDL	BDL
4	Lead as(Pb)	mg/l,Max	APHA 23 rd Ed,2017 3111 B	0.1	0.1	BDL	BDL	BDL
5	Mercury as (Hg)	mg/l,Max	APHA 23 rd Ed,2017: 3111 B	0.001	0.001	BDL	BDL	BDL
6	Nickel (Ni)	mg/l,Max	IS 5185 (Part-22)	0.02	0.02	BDL	BDL	BDL
7	Arsenic as (As)	mg/l,Max	APHA 23 rd Ed,2017: 3114 B	0.01	0.01	BDL	BDL	BDL
8	Polychlorinated biphenyls	mg/l,Max	APHA 23 rd Ed,2017 :6440 B	0.0005	0.0005	ND	ND	ND
9	Polyaromatic hydrocarbons (PAH)	mg/l,Max	APHA 23 rd Ed,2017 :6440 B	0.0001	0.0001	ND	ND	ND
10	Total Chromium	mg/l,Max	APHA 3500Cr B	0.05	0.05	BDL	BDL	BDL
11	Bromoform	mg/l,Max	APHA 6232	0.1	0.1	ND	ND	ND
12	Dibromochloromethane	mg/l,Max	APHA 6232	0.1	0.1	ND	ND	ND
13	Bromodichloromethane	mg/l,Max	APHA 6232	0.06	0.06	ND	ND	ND
14	Chloroform	mg/l,Max	APHA 6232	0.2	0.2	ND	ND	ND
15	Molybdenum (Mo)	mg/l,Max	IS 3025 (Part 2)	0.07	0.07	BDL	BDL	BDL
Bacteriological Parameter								
1	Total Coliform	MPN/100 ml	APHA 23 rd Ed,2017: 9221 B	Shall not be detectable in any 100 ml sample		ABSENT	ABSENT	ABSENT



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● Renewable Energy

● Agricultural Development
● Information Technology
● Public Health Engineering

● Mine Planning & Design
● Mineral/Sub-Soil Exploration
● Waste Management Services

PESTICIDES							
1	Endosulfan à	µg/l,Max	APHA 23rd edition: 6630 C	0.4	<0.005	<0.005	<0.005
2	Endosulfan ß	µg/l,Max	APHA 23rd edition: 6630 C	0.4	<0.005	<0.005	<0.005
3	Endosulfan sulphate	µg/l,Max	APHA 23rd edition: 6630 C	0.4	<0.005	<0.005	<0.005
4	Alachlor	µg/l, Max	APHA 23rd edition: 6630 C	20	<0.01	<0.01	<0.01
5	Atrazine	µg/l, Max	APHA 23rd edition: 6630 C	2.0	<0.01	<0.01	<0.01
6	Aldrin	µg/l, Max	APHA 23rd edition: 6630 C	0.03	<0.01	<0.01	<0.01
8	Alpha HCH	µg/l, Max	APHA 23rd edition: 6630 C	0.01	<0.01	<0.01	<0.01
9	Beta HCH	µg/l, Max	APHA 23rd edition: 6630 C	0.04	<0.01	<0.01	<0.01
10	Delta HCH	µg/l, Max	APHA 23rd edition: 6630 C	0.04	<0.01	<0.01	<0.01
11	Butachlor	µg/l, Max	APHA 23rd edition: 6630 C	125.0	<0.01	<0.01	<0.01
12	Chloropyriphos	µg/l, Max	APHA 23rd edition: 6630 C	30.0	<0.01	<0.01	<0.01
13	2,4-Dichlorophenoxyacetic acid	µg/l, Max	APHA 23rd edition: 6630 C	30.0	<0.05	<0.05	<0.05
14	p p DDE	µg/l, Max	APHA 23rd edition: 6630 C	1.0	<0.05	<0.05	<0.05
15	p p DDD	µg/l, Max	APHA 23rd edition: 6630 C	1.0	<0.05	<0.05	<0.05
16	p p DDT	µg/l, Max	APHA 23rd edition: 6630 C	1.0	<0.05	<0.05	<0.05
17	o p DDE	µg/l, Max	APHA 23rd edition: 6630 C	1.0	<0.05	<0.05	<0.05
18	o p DDD	µg/l, Max	APHA 23rd edition: 6630 C	1.0	<0.05	<0.05	<0.05
19	o p DDT	µg/l, Max	APHA 23rd edition: 6630 C	1.0	<0.05	<0.05	<0.05
20	Ethion	µg/l, Max	APHA 23rd edition: 6630 C	3.0	<0.01	<0.01	<0.01
21	Lindane	µg/l, Max	APHA 23rd edition: 6630 C	2.0	<0.01	<0.01	<0.01
22	Isoproturon	µg/l, Max	APHA 23rd edition: 6630 C	9.0	<0.01	<0.01	<0.01
23	Malathion	µg/l, Max	APHA 23rd edition: 6630 C	190.0	<0.01	<0.01	<0.01
24	Methyl parathion	µg/l, Max	APHA 23rd edition: 6630 C	0.3	<0.01	<0.01	<0.01
25	Monocrotophos	µg/l, Max	APHA 23rd edition: 6630 C	1.0	<0.01	<0.01	<0.01
26	Phorate	µg/l, Max	APHA 23rd edition: 6630 C	2.0	<0.01	<0.01	<0.01

Reviewed by:



Approved By



P. Patu.



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Ref : Envlab/23-24/R-07735

Date: 07.09.2023

GROUND WATER QUALITY ANALYSIS REPORT- AUG 2023

1. Name of Client : M/s FERRO ALLOYS CORPORATION LIMITED , BHADRAK
2. Name of the Project : OSTAPAL CHROMITE MINES , KALIAPANI, JAJPUR
3. Sampling Location : GW4: Open Well Near Ostapal Village
GW5: Tube Well inside the Shiva Temple of Village Gurujanga
GW6: Tube Well outside Shiva Temple of Village Gurujanga
4. Method of Sampling : APHA 1060 B
5. Date of Sampling : 23.08.2023
6. Date of Analysis : 24.08.2023 TO 30.08.2023
7. Sample Collected by : VCSPL Representative in presence of Client's Representative

Sl. No.	Parameter	Unit	TEST METHOD	Standard as per IS -10500:2012 Amended on 2015 & 2018		GW4	GW5	GW6
				Acceptabl e Limit	Permissabl e Limit			
Physical Parameter								
1	Colour	Hazen,Max	APHA 23 rd Ed,2017 : 2120 B, C	5	15	<5	<5	<5
2	Odour	--	APHA 23 rd Ed,2017 :2120 B	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3	pH at 25 ^o C	--	APHA 23 ^{Rrd} Ed,2017 : 4500H ⁺ B	6.5-8.5	6.5-8.5	7.25	7.22	7.23
3	Taste	--	APHA 23 rd Ed,2017 : 2160 C	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
4	Turbidity	NTU,Max	APHA 2130 B	1	5	0.5	0.6	0.7
5	Dissolved Solids	mg/l,Max	APHA 23 rd Ed,2017 : 2540 C	500	2000	176	156	130
CHEMICAL PARAMETER								
1	Aluminium as(Al)	mg/l,Max	APHA 3500Al B	0.03	0.2	BDL	BDL	BDL
2	Ammonical Nitrogen(NH ₃ -N)	mg/l,Max	APHA 4500 NH ₃ -C	0.5	0.5	BDL	BDL	BDL
3	Anionic Detergents (as MBAS)	mg/l,Max	APHA 5540 C	0.2	1.0	ND	ND	ND
4	Barium(Ba)	mg/l,Max	APFA 3111,B	0.7	0.7	BDL	BDL	BDL
5	Boron (as B)	mg/l,Max	APHA 4500 B,B	0.5	1.0	BDL	BDL	BDL
6	Calcium (as Ca)	mg/l,Max	APHA 23 rd Ed,2017 : 3500Ca B	75	200	31.2	33.9	22.4
7	Chloramines (as Cl ₂)	mg/l,Max	APHA 4500 -Cl G	4.0	4.0	ND	ND	ND
8	Chloride (as Cl)	mg/l,Max	APHA 23 rd Ed,2017 : 4500Cl ⁻ B	250	1000	40	60	55
9	Copper (as Cu)	mg/l,Max	APHA 3111 B,C	0.05	1.5	BDL	BDL	BDL
10	Fluoride (as F)	mg/l,Max	APHA 4500 F,C	1.0	1.5	0.021	0.025	0.020
11	Residual, free Chlorine	mg/l,Min	APHA 4500 Cl B	0.2	1.0	ND	ND	ND
12	Iron (as Fe)	mg/l,Max	APHA 23 rd Ed,2017 : 3111, B	1.0	1.0	0.29	0.32	0.25
13	Magnesium (as Mg)	mg/l,Max	APHA 3500 Mg B	30	100	14.1	2.8	9.25



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- Information Technology
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- Mineral/Sub-Soil Exploration
- Waste Management Services

14	Manganese (as Mn)	mg/l,Max	APHA 3500Mn B	0.1	0.3	BDL	BDL	BDL
15	Mineral Oil	mg/l,Max	APHA 5520 B	0.5	0.5	BDL	BDL	BDL
16	Nitrate (as NO ₃)	mg/l,Max	APHA 4500 NO ₃ ⁻ E	45	45	1.45	0.77	0.83
17	Phenolic Compounds(as C ₆ H ₅ OH)	mg/l,Max	APHA 5530 B,D	0.001	0.002	BDL	BDL	BDL
18	Selenium (as Se)	mg/l,Max	APHA 23 rd Ed,2017: 3500 Se C	0.01	0.01	BDL	BDL	BDL
19	Silver(asAg)	mg/l,Max		0.1	0.1	BDL	BDL	BDL
20	Sulphate (as SO ₄)	mg/l,Max	APHA 4500 SO ₄ ²⁻ E	200	400	6.1	4.2	4.9
21	Sulphide (as H ₂ S)	mg/l,Max	0.05	0.05	0.05	ND	ND	ND
22	Alkalinity	mg/l,Max	APHA 2320 B	200	600	140	160	135
23	Total Hardness (as CaCO ₃)	mg/l,Max	APHA 23 rd Ed,2017 : 2340 C	200	600	136	96	94
24	Zinc (as Zn)	mg/l,Max	APHA 23 rd Ed,2017: 3111 B	5	15	2.4	2.8	2.1
Toxic Parameters								
1	Chromium (as Cr ⁺⁶)	mg/l,Max	APHA 3500Cr B	0.05	0.05	BDL	BDL	BDL
2	Cadmium as(Cd)	mg/l,Max	APHA 23 rd Ed,2017: 3111 B	0.003	0.003	BDL	BDL	BDL
3	Cyanide as (CN ⁻)	mg/l,Max	APHA 23 rd Ed,2017: 4500 CN ⁻ C,D	0.05	0.05	BDL	BDL	BDL
4	Lead as(Pb)	mg/l,Max	APHA 23 rd Ed,2017 3111 B	0.1	0.1	BDL	BDL	BDL
5	Mercury as (Hg)	mg/l,Max	APHA 23 rd Ed,2017: 3111 B	0.001	0.001	BDL	BDL	BDL
6	Nickel (Ni)	mg/l,Max	IS 5185 (Part-22)	0.02	0.02	BDL	BDL	BDL
7	Arsenic as (As)	mg/l,Max	APHA 23 rd Ed,2017: 3114 B	0.01	0.01	BDL	BDL	BDL
8	Polychlorinated biphenyls	mg/l,Max	APHA 23 rd Ed,2017 :6440 B	0.0005	0.0005	ND	ND	ND
9	Polyaromatic hydrocarbons (PAH)	mg/l,Max	APHA 23 rd Ed,2017 :6440 B	0.0001	0.0001	ND	ND	ND
10	Total Chromium	mg/l,Max	APHA 3500Cr B	0.05	0.05	BDL	BDL	BDL
11	Bromoform	mg/l,Max	APHA 6232	0.1	0.1	ND	ND	ND
12	Dibromochloromethane	mg/l,Max	APHA 6232	0.1	0.1	ND	ND	ND
13	Bromodichloromethane	mg/l,Max	APHA 6232	0.06	0.06	ND	ND	ND
14	Chloroform	mg/l,Max	APHA 6232	0.2	0.2	ND	ND	ND
15	Molybdenum (Mo)	mg/l,Max	IS 3025 (Part 2)	0.07	0.07	BDL	BDL	BDL
Bacteriological Parameter								
1	Total Coliform	MPN/100 ml	APHA 23 rd Ed,2017: 9221 B	Shall not be detectable in any 100 ml sample		ABSENT	ABSENT	ABSENT



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● Mineral/Sub-Soil Exploration
● Waste Management Services

PESTICIDES							
1	Endosulfan à	µg/l,Max	APHA 23rd edition: 6630 C	0.4	<0.005	<0.005	<0.005
2	Endosulfan ß	µg/l,Max	APHA 23rd edition: 6630 C	0.4	<0.005	<0.005	<0.005
3	Endosulfan sulphate	µg/l,Max	APHA 23rd edition: 6630 C	0.4	<0.005	<0.005	<0.005
4	Alachlor	µg/l, Max	APHA 23rd edition: 6630 C	20	<0.01	<0.01	<0.01
5	Atrazine	µg/l, Max	APHA 23rd edition: 6630 C	2.0	<0.01	<0.01	<0.01
6	Aldrin	µg/l, Max	APHA 23rd edition: 6630 C	0.03	<0.01	<0.01	<0.01
8	Alpha HCH	µg/l, Max	APHA 23rd edition: 6630 C	0.01	<0.01	<0.01	<0.01
9	Beta HCH	µg/l, Max	APHA 23rd edition: 6630 C	0.04	<0.01	<0.01	<0.01
10	Delta HCH	µg/l, Max	APHA 23rd edition: 6630 C	0.04	<0.01	<0.01	<0.01
11	Butachlor	µg/l, Max	APHA 23rd edition: 6630 C	125.0	<0.01	<0.01	<0.01
12	Chloropyriphos	µg/l, Max	APHA 23rd edition: 6630 C	30.0	<0.01	<0.01	<0.01
13	2,4-Dichlorophenoxyacetic acid	µg/l, Max	APHA 23rd edition: 6630 C	30.0	<0.05	<0.05	<0.05
14	p p DDE	µg/l, Max	APHA 23rd edition: 6630 C	1.0	<0.05	<0.05	<0.05
15	p p DDD	µg/l, Max	APHA 23rd edition: 6630 C	1.0	<0.05	<0.05	<0.05
16	p p DDT	µg/l, Max	APHA 23rd edition: 6630 C	1.0	<0.05	<0.05	<0.05
17	o p DDE	µg/l, Max	APHA 23rd edition: 6630 C	1.0	<0.05	<0.05	<0.05
18	o p DDD	µg/l, Max	APHA 23rd edition: 6630 C	1.0	<0.05	<0.05	<0.05
19	o p DDT	µg/l, Max	APHA 23rd edition: 6630 C	1.0	<0.05	<0.05	<0.05
20	Ethion	µg/l, Max	APHA 23rd edition: 6630 C	3.0	<0.01	<0.01	<0.01
21	Lindane	µg/l, Max	APHA 23rd edition: 6630 C	2.0	<0.01	<0.01	<0.01
22	Isoproturon	µg/l, Max	APHA 23rd edition: 6630 C	9.0	<0.01	<0.01	<0.01
23	Malathion	µg/l, Max	APHA 23rd edition: 6630 C	190.0	<0.01	<0.01	<0.01
24	Methyl parathion	µg/l, Max	APHA 23rd edition: 6630 C	0.3	<0.01	<0.01	<0.01
25	Monocrotophos	µg/l, Max	APHA 23rd edition: 6630 C	1.0	<0.01	<0.01	<0.01
26	Phorate	µg/l, Max	APHA 23rd edition: 6630 C	2.0	<0.01	<0.01	<0.01

Fagmali Nag

Reviewed by:



Approved By

P. Patra



Ref : Envlab/23-24/R-07736

Date: 07.09.2023

GROUND WATER QUALITY ANALYSIS REPORT- AUG 2023

1. Name of Client : M/s FERRO ALLOYS CORPORATION LIMITED , BHADRAK
2. Name of the Project : OSTAPAL CHROMITE MINES , KALIAPANI, JAJPUR
3. Sampling Location : GW7: Eastern Side of the Quarry (PZ-1)
GW8: Southern Side of the Quarry (PZ-2)
GW9: Western Side of the Quarry (PZ-3)
4. Method of Sampling: APHA 1060 B
5. Date of Sampling : 23.08.2023
6. Date of Analysis : 24.08.2023 TO 29.08.2023
7. Sample Collected by : VCSPL Representative in presence of Client's Representative

Sl. No.	Parameter	Unit	TEST METHOD	Standard as per IS -10500:2012 Amended on 2015 & 2018		GW7	GW8	GW9
				Acceptabl e Limit	Permissabl e Limit			
Physical Parameter								
1	Colour	Hazen,Max	APHA 23 rd Ed,2017 : 2120 B, C	5	15	<5	<5	<5
2	Odour	--	APHA 23 rd Ed,2017 :2120 B	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3	pH at 25°C	--	APHA 23 ^{Rrd} Ed,2017 : 4500H ⁺ B	6.5-8.5	6.5-8.5	7.30	7.32	7.27
3	Taste	--	APHA 23 rd Ed,2017 : 2160 C	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
4	Turbidity	NTU,Max	APHA 2130 B	1	5	0.6	0.7	0.8
5	Dissolved Solids	mg/l,Max	APHA 23 rd Ed,2017 : 2540 C	500	2000	235	193	180
CHEMICAL PARAMETER								
1	Aluminium as(Al)	mg/l,Max	APHA 3500Al B	0.03	0.2	BDL	BDL	BDL
2	Ammonical Nitrogen(NH ₃ -N)	mg/l,Max	APHA 4500 NH ₃ -C	0.5	0.5	BDL	BDL	BDL
3	Anionic Detergents (as MBAS)	mg/l,Max	APHA 5540 C	0.2	1.0	ND	ND	ND
4	Barium(Ba)	mg/l,Max	APFA 3111,B	0.7	0.7	BDL	BDL	BDL
5	Boron (as B)	mg/l,Max	APHA 4500 B,B	0.5	1.0	BDL	BDL	BDL
6	Calcium (as Ca)	mg/l,Max	APHA 23 rd Ed,2017 : 3500Ca B	75	200	30.6	29.2	26.3
7	Chloramines (as Cl ₂)	mg/l,Max	APHA 4500 –Cl G	4.0	4.0	ND	ND	ND
8	Chloride (as Cl)	mg/l,Max	APHA 23 rd Ed,2017 : 4500Cl ⁻ B	250	1000	45	55	47.5
9	Copper (as Cu)	mg/l,Max	APHA 3111 B,C	0.05	1.5	BDL	BDL	BDL
10	Fluoride (as F)	mg/l,Max	APHA 4500 F,C	1.0	1.5	0.022	0.019	0.025
11	Residual, free Chlorine	mg/l,Min	APHA 4500 Cl B	0.2	1.0	ND	ND	ND
12	Iron (as Fe)	mg/l,Max	APHA 23 rd Ed,2017 : 3111, B	1.0	1.0	0.34	0.30	0.35
13	Magnesium (as Mg)	mg/l,Max	APHA 3500 Mg B	30	100	12.5	14.6	8.8
14	Manganese (as Mn)	mg/l,Max	APHA 3500Mn B	0.1	0.3	BDL	BDL	BDL



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15	Mineral Oil	mg/l,Max	APHA 5520 B	0.5	0.5	BDL	BDL	BDL
16	Nitrate (as NO ₃)	mg/l,Max	APHA 4500 NO ₃ ⁻ E	45	45	1.35	0.94	0.86
17	Phenolic Compounds(as C ₆ H ₅ OH)	mg/l,Max	APHA 5530 B,D	0.001	0.002	BDL	BDL	BDL
18	Selenium (as Se)	mg/l,Max	APHA 23 rd Ed,2017: 3500 Se C	0.01	0.01	BDL	BDL	BDL
19	Silver(asAg)	mg/l,Max		0.1	0.1	BDL	BDL	BDL
20	Sulphate (as SO ₄)	mg/l,Max	APHA 4500 SO ₄ ²⁻ E	200	400	4.4	3.8	4.1
21	Sulphide (as H ₂ S)	mg/l,Max	0.05	0.05	0.05	ND	ND	ND
22	Alkalinity	mg/l,Max	APHA 2320 B	200	600	45	65	70
23	Total Hardness (as CaCO ₃)	mg/l,Max	APHA 23 rd Ed,2017 : 2340 C	200	600	128	133	102
24	Zinc (as Zn)	mg/l,Max	APHA 23 rd Ed,2017: 3111 B	5	15	3.2	4.8	4.6

Toxic Parameters

1	Chromium (as Cr ⁺⁶)	mg/l,Max	APHA 3500Cr B	0.05	0.05	BDL	BDL	BDL
2	Cadmium as(Cd)	mg/l,Max	APHA 23 rd Ed,2017: 3111 B	0.003	0.003	BDL	BDL	BDL
3	Cyanide as (CN ⁻)	mg/l,Max	APHA 23 rd Ed,2017: 4500 CN ⁻ C,D	0.05	0.05	BDL	BDL	BDL
4	Lead as(Pb)	mg/l,Max	APHA 23 rd Ed,2017 3111 B	0.1	0.1	BDL	BDL	BDL
5	Mercury as (Hg)	mg/l,Max	APHA 23 rd Ed,2017: 3111 B	0.001	0.001	BDL	BDL	BDL
6	Nickel (Ni)	mg/l,Max	IS 5185 (Part-22)	0.02	0.02	BDL	BDL	BDL
7	Arsenic as (As)	mg/l,Max	APHA 23 rd Ed,2017: 3114 B	0.01	0.01	BDL	BDL	BDL
8	Polychlorinated biphenyls	mg/l,Max	APHA 23 rd Ed,2017 :6440 B	0.0005	0.0005	ND	ND	ND
9	Polyaromatic hydrocarbons (PAH)	mg/l,Max	APHA 23 rd Ed,2017 :6440 B	0.0001	0.0001	ND	ND	ND
10	Total Chromium	mg/l,Max	APHA 3500Cr B	0.05	0.05	BDL	BDL	BDL
11	Bromoform	mg/l,Max	APHA 6232	0.1	0.1	ND	ND	ND
12	Dibromochloromethane	mg/l,Max	APHA 6232	0.1	0.1	ND	ND	ND
13	Bromodichloromethane	mg/l,Max	APHA 6232	0.06	0.06	ND	ND	ND
14	Chloroform	mg/l,Max	APHA 6232	0.2	0.2	ND	ND	ND
15	Molybdenum (Mo)	mg/l,Max	IS 3025 (Part 2)	0.07	0.07	BDL	BDL	BDL

Bacteriological Parameter

1	Total Coliform	MPN/100 ml	APHA 23 rd Ed,2017: 9221 B	Shall not be detectable in any 100 ml sample	ABSENT	ABSENT	ABSENT
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PESTICIDES							
1	Endosulfan à	µg/l,Max	APHA 23rd edition: 6630 C	0.4	<0.005	<0.005	<0.005
2	Endosulfan ß	µg/l,Max	APHA 23rd edition: 6630 C	0.4	<0.005	<0.005	<0.005
3	Endosulfan sulphate	µg/l,Max	APHA 23rd edition: 6630 C	0.4	<0.005	<0.005	<0.005
4	Alachlor	µg/l, Max	APHA 23rd edition: 6630 C	20	<0.01	<0.01	<0.01
5	Atrazine	µg/l, Max	APHA 23rd edition: 6630 C	2.0	<0.01	<0.01	<0.01
6	Aldrin	µg/l, Max	APHA 23rd edition: 6630 C	0.03	<0.01	<0.01	<0.01
8	Alpha HCH	µg/l, Max	APHA 23rd edition: 6630 C	0.01	<0.01	<0.01	<0.01
9	Beta HCH	µg/l, Max	APHA 23rd edition: 6630 C	0.04	<0.01	<0.01	<0.01
10	Delta HCH	µg/l, Max	APHA 23rd edition: 6630 C	0.04	<0.01	<0.01	<0.01
11	Butachlor	µg/l, Max	APHA 23rd edition: 6630 C	125.0	<0.01	<0.01	<0.01
12	Chloropyriphos	µg/l, Max	APHA 23rd edition: 6630 C	30.0	<0.01	<0.01	<0.01
13	2,4-Dichlorophenoxyacetic acid	µg/l, Max	APHA 23rd edition: 6630 C	30.0	<0.05	<0.05	<0.05
14	p p DDE	µg/l, Max	APHA 23rd edition: 6630 C	1.0	<0.05	<0.05	<0.05
15	p p DDD	µg/l, Max	APHA 23rd edition: 6630 C	1.0	<0.05	<0.05	<0.05
16	p p DDT	µg/l, Max	APHA 23rd edition: 6630 C	1.0	<0.05	<0.05	<0.05
17	o p DDE	µg/l, Max	APHA 23rd edition: 6630 C	1.0	<0.05	<0.05	<0.05
18	o p DDD	µg/l, Max	APHA 23rd edition: 6630 C	1.0	<0.05	<0.05	<0.05
19	o p DDT	µg/l, Max	APHA 23rd edition: 6630 C	1.0	<0.05	<0.05	<0.05
20	Ethion	µg/l, Max	APHA 23rd edition: 6630 C	3.0	<0.01	<0.01	<0.01
21	Lindane	µg/l, Max	APHA 23rd edition: 6630 C	2.0	<0.01	<0.01	<0.01
22	Isoproturon	µg/l, Max	APHA 23rd edition: 6630 C	9.0	<0.01	<0.01	<0.01
23	Malathion	µg/l, Max	APHA 23rd edition: 6630 C	190.0	<0.01	<0.01	<0.01
24	Methyl parathion	µg/l, Max	APHA 23rd edition: 6630 C	0.3	<0.01	<0.01	<0.01
25	Monocrotophos	µg/l, Max	APHA 23rd edition: 6630 C	1.0	<0.01	<0.01	<0.01
26	Phorate	µg/l, Max	APHA 23rd edition: 6630 C	2.0	<0.01	<0.01	<0.01

Fagmali
Nagar

Reviewed by:



Approved By

P. Patil

Annexure-19

OCM/ENV/ 2068/2023

Date: 28.10.2023

To
The Regional Director,
Central Ground Water Board,
South Eastern Region
Bhujal Bhawan, Khandagiri Square
Bhubaneswar, Odisha

SUB:- Submission of Surface water quality report of Dhamsala Nallah Upstream & Downstream for the period July'23 to September'23 in respect to Ostapal Chromite Mine of M/s. FACOR Ltd.

Dear Sir,

We are submitting the Surface water quality report of Dhamsala Nallah Upstream (Upto 100 mtr UP) & Dhamsala Nallah Downstream (Upto 100 mtr Down) carried out by NABL lab for the period **July'23 to September'23** for your kind information.

Thanking You,

Yours Faithfully
Ferro Alloys Corporation LTD


Head Environment
Ostapal Chromite Mines

Encl: A/a

CC: 1. Member Secretary, State Environmental Impact Assessment Authority, Bhubaneswar, Odisha
2. Regional Officer, Odisha State Pollution Control Board, Kalinganagar, Jajpur, Odisha

M/s. Ferro Alloys Corporation Ltd. (A subsidiary of Vedanta Ltd.)

Registered Office:

D.P.Nagar, PO : Randia, Dist.: Bhadrak, Odisha, India - 756 135
T +91-6784 240320/240347, Email: facor.mines@vedanta.co.in / facor.ccp@vedanta.co.in
Website: www.facorgroup.in, CIN: U45201OR1955PLC008400.



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Ref : Envlab/23-24/R- 07748

Date: 07.09.2023

SURFACE WATER QUALITY ANALYSIS REPORT- AUG 2023

- Name of Client : M/s FERRO ALLOYS CORPORATION LIMITED , BHADRAK
- Name of the Project : OSTAPAL CHROMITE MINES , KALIAPANI, JAJPUR
- Sampling Location : SW1:Damsala Nallah Upstream Water (100 mtr Up)
SW2: Damsala Nallah Downstream Water (100 mtr Down)
(With impact of other mines discharge)
- Method of Sampling : APHA 1060 B
- Date of Sampling : 23.08.2023
- Date of Analysis : 24.08.2023 to 30.08.2023
- Sample Collected by : VCSPL Representative in presence of Client's Representative

Sl. No	Parameter	Testing Method	Unit	Standards as per IS-2296:1992 Class -'C'	Analysis Results	
					SW-1	SW-2
1	Colour (max)	Visual Comparison Method APHA 23 RD Ed,2017 : 2120 B. C	Hazen	300	<5	5
2	pH Value	pH Meter APHA 23 RD Ed,2017 : 4500H ⁺ B	--	6.0-9.0	7.18	7.27
3	Suspended solids	Gravimetric Method APHA 23 RD Ed,2017 : 2540 D	mg/l	--	67	82
4	Dissolved Oxygen (minimum)	Modified Winkler Method APHA 23 RD Ed,2017 : 2540 C	mg/l	4.0	6.0	6.4
5	Turbidity	Nephelometric Method APHA 23 RD Ed,2017: 2130 B	NTU	--	3.0	4.1
6	Chloride (max)	Titrimetric Method APHA 23 RD Ed,2017: 4500Cl ⁻ B	mg/l	600	30.0	45.0
7	Total Dissolved Solids	Gravimetric Method APHA 23 RD Ed,2017: 2540 C	mg/l	1500	145	162
8	BOD (3) days at 27°C (max)	IS 3025(P-44) : 1993 RA 2003	mg/l	3.0	BDL	BDL
9	Arsenic as As	By AAS Method APHA 23 RD Ed,2017: 3114 B	mg/l	0.2	BDL	BDL
10	Lead as Pb(max)	By AAS Method APHA 23 RD Ed,2017 3111 B	mg/l	0.1	BDL	BDL
11	Cadmium as Cd (max)	By AAS Method APHA 23 RD Ed 2017- 3111 B	mg/l	0.01	BDL	BDL
12	Hexa Chromium as Cr ⁺⁶	Diphenyl Carbazide Method APHA 23 RD Ed,2017: 3500Cr B	mg/l	0.05	<0.01	<0.01
13	Copper as Cu (max)	By AAS Method APHA 23 RD Ed,2017: 3111 B	mg/l	1.5	BDL	BDL
14	Zinc as Zn(max)	By AAS Method APHA 23 RD Ed,2017: 3111 B	mg/l	15	BDL	BDL
15	Selenium as Se (max)	By AAS Method APHA 23 RD Ed,2017: 3500 Se C	mg/l	0.05	BDL	BDL
16	Cyanide as CN (max)	Distillation followed by Spectrophotometric Method APHA 23 RD Ed,2017: 4500	mg/l	0.05	BDL	BDL
17	Fluoride as F (max)	Distillation followed by Spectrophotometric Method APHA 23 RD Ed,2017: 4500F- C	mg/l	1.5	0.21	0.38
18	Sulphates (SO ₄) (max)	Turbidimetric Method APHA 23 RD Ed,2017: 4500 SO ₄ ²⁻ F	mg/l	400	1.2	1.8



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19	Phenolic Compounds as C ₆ H ₅ OH (max)	Chloroform Extraction By Colorimetric Method APHA 23 RD Ed,2017: 5530 B,D	mg/l	0.005	BDL	BDL
20	Iron as Fe (max)	By AAS Method APHA 23 RD Ed,2017: 3500Fe, B	mg/l	0.5	0.089	0.095
21	Nitrate as NO ₃ , (max)	By UV-Screen Method APHA 23 RD Ed,2017: 4500 NO ₃ ⁻ E	mg/l	50	3.2	3.8
22	Anionic Detergents (max)	Anionic Surfactants as MBAS APHA 23 RD Ed,2017: 5540 C	mg/l	1.0	ND	ND
23	Total Coli form	By Multiple Tube Fermentation Technique APHA 23 RD Ed,2017: 9221 B	MPN/ 100 ml	5000	920	1600

CL – Colorless, ND – Not detected.

BDL (Below detection limit) Values : (Cu<0.02 mg/l, Mn<0.025 mg/l, C₆H₅OH<0.05 mg/l, Hg<0.004mg/l, Cd<0.01 mg/l, Se<0.001 mg/l, As<0.004 mg/l, Pb<0.02 mg/l, Zn<0.03 mg/l, Cr⁺⁶<0.01 mg/l, Al<0.1 mg/l, B<0.1 mg/l, NO₃1 mg/l)

Fagmali Nayak
Reviewed By



P. Patil
Approved By

Annexure 20

OCM/CGWB/ 2071/2023

Date: 28.10.2023

To
The Regional Director
Central Ground Water Board
South Eastern Region
Bhujal Bhawan, Khandagiri Square
Bhubaneswar – 751001

SUB:- Submission of water quality report of mines discharge water for the period July'23 to September'23 in respect to Ostapal Chromite Mine of M/s. FACOR Ltd.

Dear Sir,

We are submitting the water quality monitoring report of mines discharge water carried out by NABL lab for the period **July'23 to September'23** for your kind information.

Monitoring reports are attached as annexure 1 & annexure 2

- 1.) Annexure 1 – ETP Inlet Water analysis report (Mines Dewatering)
- 2.) Annexure 2 – ETP Outlet water analysis report

Thanking You,

Yours Faithfully
Ferro Alloys Corporation LTD


Head Environment
Ostapal Chromite Mines

Encl: A/a

M/s. Ferro Alloys Corporation Ltd. (A subsidiary of Vedanta Ltd.)

Registered Office:

D.P.Nagar, PO : Randia, Dist.: Bhadrak, Odisha, India - 756 135

T +91-6784 240320/240347, Email: facor.mines@vedanta.co.in / facor.ccp@vedanta.co.in

Website: www.facorgroup.in, CIN: U45201OR1955PLC008400.



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- Waste Management Services



ANNEXURE-1

Ref : Envlab/23-24/R- 07737

Date : 07.09.2023

EFFLUENT WATER ANALYSIS REPORT AUG 2023

1. Name of the Client : **M/s FERRO ALLOYS CORPORATION LIMITED , BHADRAK**
2. Name of the Project : **OSTAPAL CHROMITE MINES , KALIAPANI, JAJPUR**
3. Sampling Location : **WW-1: ETP Inlet**
4. Method of sampling : **APHA 1060 B**
5. Date of Sampling : **11.08.2023**
6. Date of Analysis : **12.08.2023 to 18.08.2023**
7. Sample Collected by : **VCSPL Representative in presence of Client representative**

Sl No	Test Parameter	Test Method	Unit	WW-1
1	Color	Visual Comparison Method APHA 23 RD Ed,2017 : 2120 B, C	Hazen	10
2	Odour	Threshold Odour Test APHA 23 RD Ed,2017 :2150 B		Pungent Smell
3	pH at 25°C	pH Meter APHA 23 RD Ed,2017 : 4500H+ B	--	8.8
4	Total Suspended Solids (as TSS)	Gravimetric Method APHA 23 RD Ed,2017 : 2540 D	mg/l	62
5	Copper (as Cu)	By AAS Method APHA 23 RD Ed,2017 3111 B	mg/l	BDL
6	Fluoride (as F)	Distillation followed by Spectrophotometric Method APHA 23 RD Ed,2017: 4500F- C	mg/l	0.70
7	Total Residual Chloride	Iodometric Method APHA 23 RD Ed,2017 : 4500Cl, B	mg/l	0.22
8	Iron (as Fe)	By AAS Method APHA 23 RD Ed,2017 : 3111, B	mg/l	1.66
9	Manganese (as Mn)	Persulfate Method APHA 23 RD Ed,2017: 3500Mn B	mg/l	BDL
10	Nitrate Nitrogen (as NO ₃)	By UV-Screen Method APHA 23 RD Ed,2017: 4500 NO ₃ ⁻ E	mg/l	13.8
11	Phenolic Compound (as C ₆ H ₅ OH)	Chloroform Extraction by Colorimetric Method APHA 23 RD Ed,2017: 5530 B,D	mg/l	BDL
12	Selenium (as Se)	By AAS Method APHA 23 RD Ed,2017: 3500 Se C	mg/l	BDL
13	Cadmium (as Cd)	AAS Method APHA 23 RD Ed,2017: 3111 B	mg/l	BDL
14	Cyanide (as CN)	Distillation followed by Spectrophotometric Method APHA 23 RD Ed,2017: 4500 CN- C,D	mg/l	BDL
15	Lead (as Pb)	By AAS Method APHA 23 RD Ed,2017 3111 B	mg/l	BDL
16	Mercury (as Hg)	AAS Method APHA 23 RD Ed,2017: 3112 B	mg/l	BDL
17	Nickel (as Ni)	By AAS Method APHA 23 RD Ed,2017 3111 B	mg/l	BDL
18	Arsenic (as As)	By AAS Method APHA 23 RD Ed,2017: 3114 B	mg/l	BDL
19	Total Chromium (as Cr)	By AAS Method APHA 23 RD Ed,2017 3111 B	mg/l	1.45
20	Zinc (as Zn)	By AAS Method APHA 23 RD Ed,2017 3111 B	mg/l	0.47
21	Hexavalent Chromium (as Cr ⁺⁶)	Diphenyl Carbazide Method APHA 23 RD Ed,2017: 3500Cr B	mg/l	0.56



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22	Vanadium (as V)	By AAS Method APHA 23 RD Ed,2017 3111 D	mg/l	BDL
23	Temperature	By Thermometer APHA 23 RD Ed,2017 2550 B	°C	32
24	Dissolved Oxygen	Modified Winkler Method APHA 23 RD Ed,2017: 4500 O, C	mg/l	5.5
25	Biochemical Oxygen Demand as BOD(3days at 27 ⁰ C)	IS 3025(P-44) : 1993 RA 2003	mg/l	15.0
26	Chemical Oxygen Demand (as COD)	Open Reflux Method APHA 23 RD Ed,2017: 5220 C	mg/l	210
27	Oil & Grease (as O & G)	Gravimetric Method (Solvent Extraction) APHA 23 RD Ed,2017:5520-B	mg/l	16.0
28	Ammonical Nitrogen (as NH ₃ -N)	TKN Instrument (Distillation) followed by Titrimetric Method APHA 23 RD Ed,2017 : 4500NH ₃ C	mg/l	8.2
29	Total Kjeldahl Nitrogen (as N)	TKN Instrument (Digestion) APHA 23 RD Ed,2017: 4500 N _{ORG} C	mg/l	13.2
30	Sulphide (as S)	Iodometric Method APHA 23 RD Ed,2017 : 4500 S ²⁻	mg/l	BDL
31	Free Ammonia (as NH ₃)	By Calculation	mg/l	13.7
32	Dissolve Phosphate	APHA 23 rd Edition 4500 P D	mg/l	9.2
33	Particulate Size of Suspended Solids	Gravimetric Method APHA 23 RD Ed,2017 : 2540 D	μ	<850
34	Bio- assay Test	IS 6582 (Part 2) 2001, Ed.2.1(2002-12)	%	No fish Survived after 96 hours in 100% effluent

CL – Colorless, ND – Not detected.

BDL (Below detection limit) Values : (Cu<0.02 mg/l, Mn<0.025 mg/l, C₆H₅OH<0.05 mg/l, Hg<0.004mg/l, Cd<0.01 mg/l, Se<0.001 mg/l, As<0.004 mg/l, Pb<0.02 mg/l, Zn<0.03 mg/l, Cr⁺⁶<0.01 mg/l, Al<0.1 mg/l, B<0.1 mg/l, NO₃1 mg/l)

Fagmali
Nagar

Reviewed By



P. Patil

Approved By



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● Water Resource Management
● Environmental & Social Study

● Surface & Sub-Surface Investigation
● Quality Control & Project Management
● Renewable Energy

● Agricultural Development
● Information Technology
● Public Health Engineering

● Mine Planning & Design
● Mineral/Sub-Soil Exploration
● Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Ref: Envlab/23-24/R- 07738

ANNEXURE-2

Date : 07.09.2023

EFFLUENT WATER DISCHARGE ANALYSIS REPORT AUG 2023

1. Name of the Client : **M/s FERRO ALLOYS CORPORATION LIMITED, BHADRAK**
2. Name of the Project : **OSTAPAL CHROMITE MINES , KALIAPANI, JAJPUR**
3. Sampling Location : **WW-1: ETP Mines Final Discharge Water**
4. Method of sampling : **APHA 1060 B**
5. Date of Sampling : **11.08.2023**
6. Date of Analysis : **12.08.2023 to 18.08.2023**
7. Sample Collected by : **VCSPL Representative in presence of Client representative**

Sl. No.	Parameters	Testing Methods	Unit	Standards As Per CTO	Analysis Results
					EW-1
1	Colour	Visual Comparison Method APHA 2120 B; 23 rd Edition, 2017	Hazen	Colourless	>5
2	Odour	Threshold Odour Method APHA 2150 B; 23 rd Edition, 2017	--	Odourless	Agreeable
3	pH at 25°C	pH Meter APHA 4500 H ⁺ B; 23 rd Edition, 2017	--	5.5-9.0	7.68
4	Total Suspended Solids	Gravimetric Method APHA 2540 D; 23 rd Edition, 2017	mg/l	100	42
5	Copper as Cu	By AAS Method APHA 3111 B; 23 rd Edition, 2017	mg/l	3	BDL
6	Fluoride as F	Distillation followed by Spectrophotometric Method APHA 4500 F ⁻ C,D; 23 rd Edition, 2017	mg/l	2	0.40
7	Total Residual Chlorine	Iodometric Method APHA 23RD Ed, 2017 : 4500Cl ₂ B	mg/l	1	ND
8	Iron as Fe	By AAS Method APHA 3111 B; 23 rd Edition, 2017	mg/l	3	0.48
9	Manganese as Mn	By AAS Method APHA 3111 B; 23 rd Edition, 2017	mg/l	2	BDL
10	Nitrate as NO ₃	By UV-Screen Method APHA 4500 NO ₃ ⁻ B; 23 rd Edition, 2017	mg/l	10	7.15
11	Phenolic Compounds as C ₆ H ₅ OH	Distillation Followed by Spectrophotometric Method APHA 5530-B, D; 23 rd Edition, 2017	mg/l	1	BDL
12	Selenium as Se	By AAS Method APHA 3500 Se C; 23 rd Edition, 2017	mg/l	0.05	BDL
13	Cadmium as Cd	By AAS Method APHA 3111 B; 23 rd Edition, 2017	mg/l	2.0	BDL
14	Cyanide as CN	Distillation Followed by Spectrophotometric Method APHA 4500 -CN-C,E; 23 rd Edition, 2017	mg/l	0.2	BDL
15	Lead as Pb	By AAS Method APHA 3111 B; 23 rd Edition, 2017	mg/l	0.1	BDL
16	Mercury as Hg	By AAS Method APHA 3112 B; 23 rd Edition, 2017	mg/l	0.01	BDL
17	Nickel as Ni	By AAS Method APHA 3111 B; 23 rd Edition, 2017	mg/l	3	BDL
18	Arsenic as As	By AAS Method APHA 3114 B; 23 rd Edition, 2017	mg/l	0.2	BDL
19	Total Chromium as Cr	By AAS Method APHA 3111 B; 23 rd Edition, 2017	mg/l	2	0.20
20	Zinc as Zn	By AAS Method APHA 3111 B; 23 rd Edition, 2017	mg/l	5	0.05
21	Hexavalent Chromium as Cr ⁺⁶	By AAS Method APHA 3500 Cr B; 23 rd Edition, 2017	mg/l	0.05	0.02



Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Certified for : ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017

Accredited by : NABET-A Grade, MOEF & CC/CPCB & SPCB-A Grade

- Infrastructure Engineering
- Water Resource Management
- Environmental & Social Study

- Surface & Sub-Surface Investigation
- Quality Control & Project Management
- Renewable Energy

- Agricultural Development
- Information Technology
- Public Health Engineering

- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

22	Vanadium as V	By AAS Method APHA 3500 V; 23 rd Edition, 2017	mg/l	0.2	BDL
23	Temperature	By Thermometer APHA 2550 B; 23 rd Edition, 2017	°C	Shall not exceed 5°C above the receiving water temperature	30
24	Biochemical Oxygen Demand as BOD	Oxygen Depletion Method IS 3025 (Part 44):2003	mg/l	30	6.0
25	Chemical Oxygen Demand as COD	Open Reflux Method APHA 5220 B; 23 rd Edition, 2017	mg/l	250	32.0
26	Oil & Grease	Gravimetric Method (Solvent Extraction) APHA 5520 B; 23 rd Edition, 2017	mg/l	10	8.0
27	Ammonical Nitrogen as N	By TKN Method APHA 4500-NH ₃ C; 23 rd Edition, 2017	mg/l	50	4.2
28	Total Kjeldahl Nitrogen as N	By TKN Method APHA 4500-N _{org} C; 23 rd Edition, 2017	mg/l	100	5.8
29	Sulphide as S	By Methylene Blue Method APHA 4500-S D; 23 rd Edition, 2017	mg/l	2	BDL
30	Free Ammonia as NH ₃	By Calculation	mg/l	5	0.51
31	Dissolve Phosphate as PO ₄	APHA 23rd Edition 4500 P D	mg/l	5	1.7
32	Particulate Size of Suspended Solids	Gravimetric Method APHA 2540 D; 23 rd Edition, 2017	μ	Shall pass 850 micron IS Sieve	<850
33	Bio-assay Test	Evaluating Acute Toxicity IS 6582 (P-2) 2008	%	90% survival of fish after 96 hours in 100% effluent	96% Survival of Fish after 96 Hrs in 100% Effluent

CL – Colorless, ND – Not detected.

BDL (Below detection limit) Values : (Cu<0.02 mg/l, Mn<0.025 mg/l, C₆H₅OH<0.05 mg/l, Hg<0.004mg/l, Cd<0.01 mg/l, Se<0.001 mg/l, As<0.004 mg/l, Pb<0.02 mg/l, Zn<0.03 mg/l, Cr⁶⁺<0.01 mg/l, Al<0.1 mg/l, B<0.1 mg/l, NO₃1 mg/l)

Fagmala
Reviewed By



Approved By

P. Patil



Ref : Envlab/23-24/R-07740

Annexure 21

Date : 07.09.2023

NOISE QUALITY ANALYSIS REPORT- AUG 2023

1. Name of Client : M/s FERRO ALLOYS CORPORATION LIMITED , BHADRAK
2. Name of the Project : OSTAPAL CHROMITE MINES , KALIAPANI, JAJPUR
3. Date of Sampling : 12.08.2023
4. Sample Collected by : VCSPL Representative in presence of Client's Representative

Location ID	Location	Result in dB (A)	
		Day Time (6.00 am to 10.00pm)	Night Time (10.00pm to 6.00 am)
N1	Open Cast Quarry	68.2	62.3
N2	COB Plant	65.6	58.9
N3	Mines Loading & Unloading	67.9	63.5
N4	At Project Site	69.3	60.6
N5	Ostapal Village	49.5	40.1
N6	Gurujanga Village	53.4	42.8
N7	Gurujanga Village II	50.6	41.7
N8	Sukurangi Village	51.8	42.9
N9	Talangi Village	47.6	40.2
N10	Sukurangi Village II	52.1	39.8
N11	Kaliapani Village	50.6	41.7
N12	Kaliapani Colony	51.2	43.1
N13	Ostia Village	53.4	42.8

AMBIENT NOISE LEVEL STANDARD

Category Area/Zone	Limit in dB (A)	
	Day Time (6.00 am to 10.00pm)	Night Time (10.00pm to 6.00 am)
Industrial Area	75	70
Residential Area	55	45
Commercial Area	65	55
Silence Zone	50	40

Fagmali Nag
Reviewed By

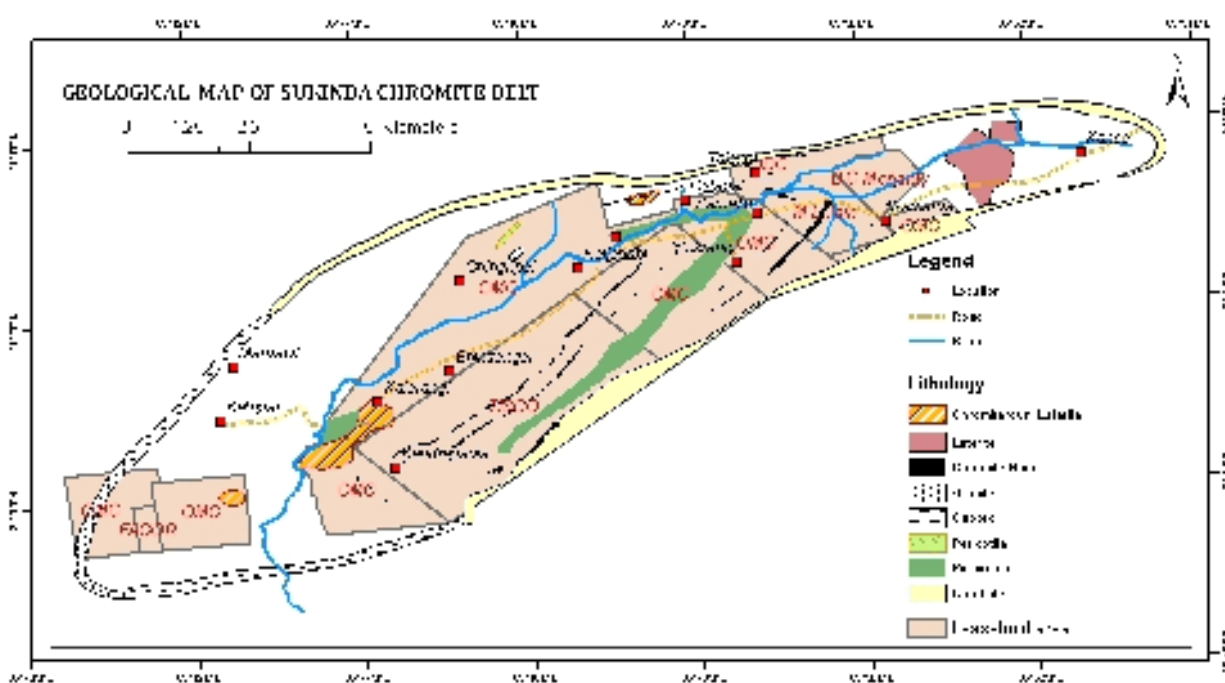


P. Patil

Approved By



SITE SPECIFIC WILDLIFE CONSERVATION PLAN FOR EXPANSION OF OSTAPAL CHROMITE MINING PROJECT OF M/S FERRO ALLOYS CORPORATION LTD. (FACOR) AT VILLAGE GURUJANGA, TAHASIL: SUKINDA , DISTRICT: JAIPUR , ORISSA



By

Divisional Forest Officer,

Cuttack Division



6.1 Abstract of Financial Implications (Cuttack Division)

The interventions those will be implemented by Cuttack division is furnished below.

Abstract of Interventions (Cuttack Division)

Sl No	Description	Unit	Rate	Quantum	Amount in Lakh Rs	Remark
Improvement of Habitat:						
1	Eradication of Invasive Alien Species	ha	1.79821	20	35.964	Daitari DPF
2	Construction of Subsurface Dyke	No	1.7604	10	15.00	Daitari DPF
3	Graded bond (Contour bonding)	Km	15.00	1.50	22.50	
Integrated Fire management:						
4	Deployment of Fire Fighting Squad..	Unit	27.238	1	27.238	
5	Provisions for Control Burning:	Annual	26.975	5	134.875	
Improvement of Avifauna habitat:						
6	Fixing of wooden Box Nest	No	2500	500	12.50	Corridors of Sukinda valley
7	Sparrows Conservation Earthen Nest	No	250/-	3000	7.50	In habitation.
Protection & Surveillance						
8	Provisions for Anti depredation equipments / materials.	Annual	2.00	5	10.00	
9	Providing a Watch Tower	No	25.00	1	25.00	Daitari DPF
10	Skill up gradation & Public awareness Camps	Annual	1.00	5	5.00	One camp every year
11	Providing alternate Livelihood support:					
a	Bee Keeping:	unit	7.00 L	2	14.00	1 unit= 100 bee box
b	Value addition to NTFP	SHG	5.00 L	2	10.00	Trade to be finalized on consultation
S Total					188.683	187.702
Add 20% for cost escalation					37.737	37.940
Total					226.420	227.642

Table 477 Abstract of interventions of Cuttack Division

(Rupees Two Crores twenty Six Lakh Forty Two Thousand only)

(Rupees Two Crores twenty Seven Lakh & Sixty Four Thousand & Two Hundred only)

Head-Environment
Ostapal Chromite Mine
M/s FACOR Ltd

[Signature]

Divisional Forest Officer
Cuttack Forest Division

6.2 Abstract of interventions (Dhenkanal Division.)

Sl No	Description	Unit	Rate	Quantum	Amount in Lakh Rs	Remark
A	Improvement of habitat					
1	Construction of WHS (With Sub Soil Dyke)	No	10.00	1	10.00	At Baradakote
B	Protection & Surveillance:					
2	Deployment of additional Man Power	No	19556.43/- (13272) PM	5*60	40.669 39.815	To be stationed at Baradakot
C	Infrastructure facilities:					
3a	Providing Fire watch Tower (Pre-fabricated);	No	20.00L	1	20.00	Baradakote
3b	Installation of VHF Tower.	No	3.50 L	1	3.50	Kamakshyanagar East Range Hqs.
3c	Sinking of tubewells with all fittings:	No	4.00	3	12.00	Baradakot, Ekul and Kandha
3d	Solar Lighting arrangements	No	2.50L	3	7.50	
3e	Other accessories	LS			1.00	
3f	Providing VHF Repeater Set	No	2.00L	1	2.00	To be fixed at Birasal
3g	Maintenance of Inspection path:	Annum	1.00L	5	5.00	from Kandhar to Baradakote(Apprx. 5km)
4	Providing Wild Animal driving / Rescue accessories	Annual	1.0L	5	5.00	
	S Total				405.816	106.669
	Add 20% for cost escalation				21.164	21.934
	Total				126.980	128.003

Table 48 Abstract of Intervention (Dhenkanal Division)

(Rupees One Crore Twenty Six Lakh & Ninety Eight Thousand Only)

(Rupees One Crore Twenty Eight Lakh 4 Three hundred only)

Head-Environment
Osatal Chromite Mine
M/s FACOR Ltd



6.3 Abstract of interventions (Keonjhar Wildlife Division)

Abstract of interventions (Keonjhar Wildlife Division)

Sl No	Description	Unit	Rate in Lakh Rs	Quantum	Amount in Lakh Rs	Remark
Improvement of Habitat:						
1	Eradication of Invasive Alien Species	ha	1.7982 1.7604	20	35.964 35.208	Rebana RF
2	Construction of Subsurface Dyke	No	1.50	15	22.50	
3	Graded bond (Contour bonding)	Km	15.00	1.50	22.50	
Protection & Surveillance						
4	Providing one Protection Camp (Staff Barrack)	No	25.00	1	25.00	Dhenkanla
5 a	Deployment of additional man Power.	No	13556.43/- Rs. 327/- PM	3*60 m	24.402 23.890	Keonjhar WL Divi Interface Near Rabana RF
5b	Providing other assesories	Annual	0.50L	5	2.50	
Mobilization of Public support						
6	Fixation of Street Solar light	No	0.30L	20	6.00	In five villages
S Total					137.598	138.866
Add 20% for cost escalation					27.520	27.773
Total					165.118	166.639

(Rupees One Crore Sixty Five Lakh Eleven Thousand and Eight Hundred Only)

(Rupees One Crore Sixty Six Lakh + Sixty Three Thousand Nine hundred only)

Head-Environment
Ostapal Chromite Mine
M/s FACOR Ltd

Divisional Forest Officer
Keonjhar (WL) Division
Anandapur



6.4 Plan Period:

This plan is valid for 5 years i.e. from 2022-23 to 2026-27. Another plan will be prepared one year prior to expiry of this plan, if such necessity is felt by the Chief Wildlife Warden. An undertaking to this effect is at Annexure-XIII

6.5 Monitoring & Evaluation:

The project implementation will be monitored by a committee headed by Regional Chief Conservator of Forests, Angul Circle. The members of the Committee are the DFO, Cuttack Division, DFO, Dhenkanal Division and DFO, Keonjhar WL Division. The Asst. Conservator of Forests, Cuttack Division will act as member conveyor.

6.6 Interim Review & Revision of the Plan:

The Plan may be reviewed periodically and effectiveness of plan prescription may be evaluated. If required it may be modified after 3 year of implementation.

6.7 Projected Plan Cost:

The cumulative Plan Cost is projected at **Rs. 518.518 lakh** as detailed below.

Sl No	Executive Agency	Amount in lakh Rs
1	Forest Department	
a	Cuttack Division	226.420 227.642
b	Dhenkanal Division	126.98 128.003
c	Keonjhar WL Division	165.118 166.639
	Total	518.518 522.284

Table 54 Project Plan Cost

Principal Chief Conservator of Forests (Wildlife) & Chief Wildlife Warden Odisha, Bhubaneswar

(Rupees Five Crore Eighteen Lakh Fifty One Thousand & Eight Hundred Only)

(Rupees Five Crore Twenty Two Lakh Twenty Eight Thousand & Four hundred only) *

6.8 Executing Agency:

Above interventions described will be implemented by Cuttack Division, Dhenkanal Division and Keonjhar WL Forest Division.

The Principal C.C.F. (Wildlife) & CWLW, Odisha, Bhubaneswar

Head-Environment
Ostapal Chromite Mine
M/s FACOR Ltd

* Revision of no consequence for enhancement of minimum wages before of this approval of release

Principal Chief Conservator of Forests (Wildlife) & Chief Wildlife Warden Odisha, Bhubaneswar

Sl No.	ARI NO	NAME of the Employee	DESIGNATION	D.O.B	DT of Exam	OPHTHALMOLOGY REPORT	X-RAY REPORT	Parameters	predicted	performed % of predicted	ECG REPORT	Height	Weight	BMI	Cert no	Stool Test	ILO CLASSIFICATION OF CHEST X-RAY
1	3187	PUSKAMANTA SWAIN M-45YRS	SNR ANALYST		07-06-2018	RT EYE-6/6 With glass LT EYE-6/6 With glass	Chest X-ray Normal PFT-NORMAL	PVC FEV1 FEV1/FVC PEF	3.13 2.62 79.1 7.79	2.68 2.59 96.6 7.15	Normal ECG	156	59	24.24393877	GP-057		Pneumoconiotic opacities profusion-Absent prolution-X SIZE-SHAPE-X
	3187	PUSKAMANTA SWAIN M-45YRS	SNR ANALYST		28-10-2021	RT EYE-6/6 Without glass LT EYE-6/6 Without glass	Chest X-ray Normal PFT-NORMAL	PVC FEV1 FEV1/FVC PEF	3.05 2.54 78.6 7.65	2.94 2.41 93.0 6.98	Normal ECG in all leads	156	56	23.0117686	FA-0024		Pneumoconiotic opacities profusion-Absent prolution-X SIZE-SHAPE-X
2	3015	DILIP KUMAR SAHOO M-27	IR TYPIST		27-04-2007	RT EYE-6/6 WITHOUT GLASS LT EYE-6/6 WITHOUT GLASS	NORMAL CHEST X-RAY PFT-NORMAL	PVC FEV1 FEV1/FVC PEF	3.87 3.2 79.7 8.72	3.08 2.65 86.4 7.38	Normal ECG	169	58	20.30741221	fm-004		Pneumoconiotic opacities profusion-Absent prolution-X SIZE-SHAPE-X
	3015	DILIP KUMAR SAHOO M-27YRS	TYPIST		28-10-2021	RT EYE-6/6 Without glass LT EYE-6/6 Without glass	NORMAL Chest x ray PFT-MILD RESTRICTION	PVC FEV1 FEV1/FVC PEF	3.87 3.2 79.7 8.72	3.08 2.66 86.4 7.38	Normal ECG	169	60	21.0074678	fa-0003		Pneumoconiotic opacities profusion-Absent prolution-X SIZE-SHAPE-X
2	139	SACHIDANANDA JENA M-54YRS			28-10-2021	RT EYE-6/6 Without glass LT EYE-6/6 Without glass	NORMAL Chest x ray PFT-MILD RESTRICTION	PVC FEV1 FEV1/FVC PEF	3.2 2.61 77.1 7.16	2.36 1.7 95 5.6	ECG REPORT Normal ECG in all leads	163	61	23.53304771	FA-0008		Pneumoconiotic opacities profusion-Absent prolution-X SIZE-SHAPE-X
4	209	SASHIBHUSAN MANDIA M-47YRS	PHARMACIST		05-04-2014	RT EYE-6/6 With glass LT EYE-6/6 With glass	NORMAL Chest x ray PFT-NORMAL	PVC FEV1 FEV1/FVC PEF	3.55 2.92 78.8 8.26	3.14 3.02 96.2 4.82	ECG REPORT Normal ECG in all leads	165	65	23.87511478	OD-053		Pneumoconiotic opacities profusion-Absent prolution-X SIZE-SHAPE-X
	209	SASHIBHUSAN MANDIA M-55YRS	PHARMACIST		28-10-2021	RT EYE-6/6 With glass LT EYE-6/6 With glass	NORMAL Chest x ray PFT-NORMAL	PVC FEV1 FEV1/FVC PEF	3.36 2.71 77.3 7.92	2.73 2.52 92.3 6.2	ECG REPORT Normal ECG in all leads	165	59	21.67125608	FA-0007		Pneumoconiotic opacities profusion-Absent prolution-X SIZE-SHAPE-X
	209	SASHIBHUSAN MANDIA M-50YRS	PHARMACIST		11-02-2023	SPECIAL TEST	NORMAL Chest x ray PFT-NORMAL	PVC FEV1 FEV1/FVC PEF	3.23 2.61 77.1 7.75	2.7 2.45 90.7 5.57	ECG REPORT Normal ECG	163	54	20.32443826	FA-005	NEGATIVE	Pneumoconiotic opacities profusion-Absent prolution-X SIZE-SHAPE-X
	3193	SADAKAT ALI KHAN M-50YRS	SURVEYOR		26-09-2019	RT EYE-6/6 With glass LT EYE-6/6 With glass	NORMAL CHEST X-RAY PFT-MILD RESTRICTION	PVC FEV1 FEV1/FVC PEF	3.1 2.59 78.4 7.74	2.22 2.36 80 7.3	ECG NORMAL in all leads	158	52	20.82995519	GF-221		Pneumoconiotic opacities profusion-Absent prolution-X SIZE-SHAPE-X
	3193	SADAKAT ALI KHAN M-57YRS	SURVEYOR		26-10-2022	RT EYE-6/6 With glass LT EYE-6/6 With glass	NORMAL CHEST X-RAY PFT-MOD RESTRICTION	PVC FEV1 FEV1/FVC PEF	3.12 2.56 77.9 7.68	2.05 1.68 82 5.98	ECG NORMAL in all leads	159	59	21.33768443	FA-0084		Pneumoconiotic opacities profusion-Absent prolution-X SIZE-SHAPE-X
	3204	MANORANJAN MISHRA M-54	IR STATICAL ASST.		28-10-2021	RT EYE-6/6 With glass LT EYE-6/6 Without glass	NORMAL CHEST X-RAY PFT-NORMAL	PVC FEV1 FEV1/FVC PEF	3.21 2.62 77.5 7.17	2.58 2.45 87.3 6.04	ECG NORMAL in all leads	162	72	23.3768443	FA-0009		Pneumoconiotic opacities profusion-Absent prolution-X SIZE-SHAPE-X
	281	DILIP KUMAR MAHAIPATRA M-52YRS	DY MANAGER Q & C		25-09-2019	RT EYE-6/6 Without glass LT EYE-6/6 Without glass	NORMAL CHEST X-RAY PFT-NORMAL	PVC FEV1 FEV1/FVC PEF	3.22 2.61 77.9 7.8	2.76 2.57 93.1 7.95	ECG NORMAL in all leads	161	84	32.60515717	GF-222		Pneumoconiotic opacities profusion-Absent prolution-X SIZE-SHAPE-X

For Sign [Dr. Ravi Ranjan]

FORM - O

(See Rule 29(1) and 29(1))

REPORT OF MEDICAL EXAMINATION UNDER RULE 29B

Certificate No.: **ON-078**

SRI KISHORI KINKARA RARIK

employed

as **SETHYAN (NIST)** in **OSTAL CHROMITE MINES**of M/s **TA COR LTD.** Form 'A' No. **513** 307has been examined for an periodical medical examination. He/she appears to be **48** years of age. The findings of examining authority are given in the attached sheet.It is considered that **SRI KISHORI KINKARA RARIK**a) ☒ is medically fit for any employment in minesb) ☐ is suffering from _____ and is medically unfit for _____

- i) any employment in mine, or
 ii) any employment below ground or
 iii) any employment of work

c) ☐ is suffering from _____ and should get this disability

cured/controlled* and should be again examined within a period of _____ months. He/she will

appeal for re-examination with the result of tests of _____ specialist from _____

and the opinion of _____

He/she may be permitted not permitted to carry on his/her during this period.



Signature of the Examining Authority

Name and Designation in Block Letters

DR. P.C. SAHU, M.B.B.S. PGDMCH

Occupational Health Consultant

Regd. No. 7072 (Orissa)

UTKAL POLYCLINIC, BBSR

Date : 27/09/2019

Place : UPC, BBSR

Delete whatever not applicable.

One copy of the certificate shall be handed over to the person concerned and other copy shall be sent to Manager of the Mine concerned by registered post and the third copy shall be retained by the examining authority.

FORM - O (Contd...)

(See Rule 29(2) and 29(1))

REPORT OF MEDICAL EXAMINING AUTHORITY

(To be filled in for every medical examination whether initial or periodical or re-examination or after cure/control of disability)

Annexure to Certificate No.: **ON-078** as a result of Medical Examination on **27/09/2019**Identification of mark : **BLACK MOLE ON CHEST**1. General Development : **GOOD**2. Height : **166** cms. 3. Weight : **55** Kgs.

4. Eyes : (i) Visual acuity-Distant vision (with or without glasses)

Right eye: **6/9 With Glass**ii) Any Organic Disease of Eye: **NO**iv) Colour Blindness : **NO**Left eye: **6/9 With Glass**v) Night Blindness : **NO**vi) Squint : **NO**Ears : i) Hearing : Right Ear : **NORMAL** Left Ear : **NORMAL**ii) any organic disease : **NO** (* to be tested in special cases)6. Respiratory System : Chest Measurement : (i) after full inspiration : **82** cms.(ii) after full expiration : **78** cms.7. Circulatory System : Blood Pressure : **120/80** mm of Hg. Pulse **103** Per Minute8. Abdomen : Tenderness : **NO** Liver : **NOT PALPABLE**9. Nervous System : History of fits or epilepsy: **NO** Tumour : **NO**10. Locomotor system : **NORMAL** Paralysis : **NO** Mental Health : **GOOD**11. Skin : **NAD**12. Hernia : **NO**13. Hydrocele : **NO**14. Any other abnormality : **NO** Albumin : **NIL**15. Urine : Reaction **ACIDIC** Sugar : **NIL**16. Skiagram of Chest : **NORMAL**

17. Any other 'C' test considered necessary by examining authority

18. Any opinion of specialist considered necessary

PRE-DIABETES**PFT:MOD. RESTRICTION****FAT FREE SALT REST. DIABETIC DIET****REGULAR PHYSICAL EXERCISE & PHYSICIAN CHECKUP****RPT. FBS & PPBS AFTER 1 MONTH****REGULAR BREATHING EXERCISE & USE OF PPE****CONSTANT USE OF GLASSES**

Date : 27/09/2019

Place : UPC, BBSR

REFRACTIVE ERROR CORRECTED BY GLASSES

DR. P.C. SAHU, M.B.B.S. PGDMCH

Occupational Health Consultant

Regd. No. 7072 (Orissa)

UTKAL POLYCLINIC, BBSR

REPORT OF MEDICAL EXAMINATION
AS PER THE RECOMMENDATION OF NATIONAL SAFETY CONFERENCES IN MINES
 (To be used in continuation with Form O)

Certificate No. : **ON-078** Name : **KISHORI KINKARA BARIK**

Identification Mark : **BLACK MOLE ON CHEST**

1. CARDIOLOGICAL ASSESSMENT:

Enclosed ECG

Auscultation	S1	Normal
	S2	Normal
	Additional Sound	Nil
Electrocardiograph (12 leads) findings:		Normal / Abnormal

2. NEUROLOGICAL ASSESSMENT:

Sinus Tachycardia

Findings	Normal / Abnormal
Superficial Reflexes	Normal
Deep Reflexes	Normal
Peripheral Circulation	Normal
Vibrational Syndromes	Normal

3. ILO CLASSIFICATION OF CHEST RADIOGRAPH:

Enclosed Chest Radiograph

Profusion of Penumoconiotic Opacities	Grade	Type
Present / Absent	----	----

4. AUDIOMETRY FINDINGS:

Enclosed Audiometry Report

Conduction Type	Left Ear	Right Ear
Ear Conduction	Normal / Abnormal	Normal / Abnormal
Bone Conduction	Normal / Abnormal	Normal / Abnormal

5. PATHOLOGICAL / MICROBIOLOGICAL INVESTIGATIONS:

Enclosed Investigation Report

Sl. No.	Tests	Findings
01.	Blood - DC, Tc, Hb, ESR, Platelets	WNL / Abnormal
02.	Blood Sugar :- Fasting & PP	WNL / Abnormal
03.	Lipid Profile	WNL / Abnormal
04.	Blood Urea, Creatinine	WNL / Abnormal
05.	Urine Routine	WNL / Abnormal
06.	Stool Routine N/A	WNL / Abnormal

6. SPECIAL TEST FOR Mn. EXPOSURE: NOT APPLICABLE

Behavioral Disturbances		Present / Not Present
Neurological Disturbances	Speech Defect	Present / Not Present
	Tremor	Present / Not Present
	Adiadoc okinesia	Present / Not Present
	Emotional Changes	Present / Not Present

7. ANY OTHER SPECIAL TEST REQUIRED: NOT REQUIRED


DR. P.C. SAHU, MBBS. PGDMCH
 Signature of the Examining Authority
 Trained In ILO Classification of Pneumoconiosis
 Regd. No. 7074 (Orissa)
UTKAL POLYCLINIC, BBSR

REPORT OF MEDICAL EXAMINATION UNDER MINES RULE 29B
(To be used in continuation with Form O)

Certificate No.: **ON-078**

Name: **KISHORI KINKARA BARIK**

Identification Mark: **BLACK MOLE ON CHEST**

RESULT OF LUNG FUNCTION TEST (Spirometry):

Parameters	Predicted Value	Performed Value	% of Predicted
Forced Vital Capacity (FVC)	3.58	2.29	64
Forced Expiratory Volume/1(FEV1)	2.93	1.97	67
FEV1/FVC%	78.6	86.0	109
Peak expiratory Flow (PEF)	8.28	6.94	84

Enclosed Spirometry Report



Signature of the Examining Authority

DR P C SAHU, MBBS, PGDMCH
Occupational Health Consultant

Trained in I.L.O. Classification of Pneumoconiosis
Regd.No.-7074 (Orissa)

Function Test Results

UTKAL POLYCLINIC



Under the Quality Management System and Registration Act, 1994 & Rules, 1994 (Regd. No. 10/1994)
 11, PHALAPALI ATROCH/AM AREA, BHUBANESWAR, ODISHA, PIN 751020, PHONE 0674-2593454
 (AN ISO 9001 : 2015 CERTIFIED ORGANISATION)

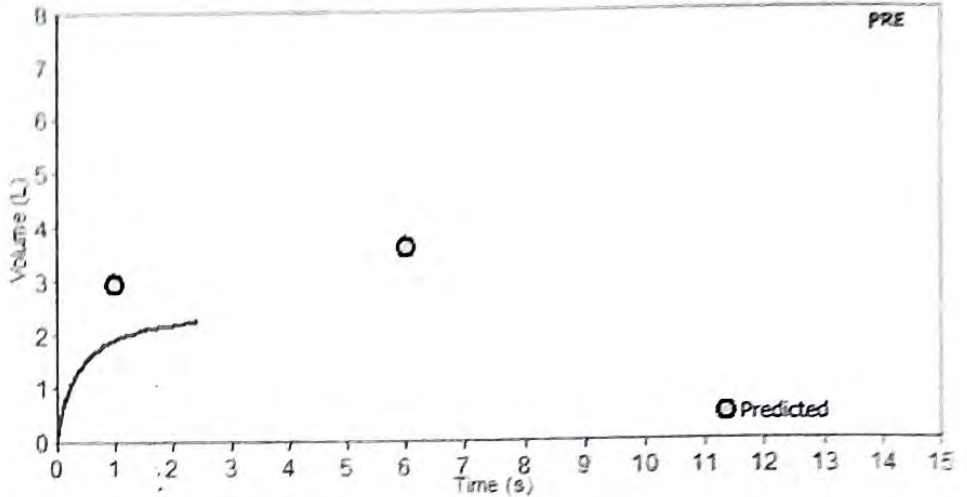
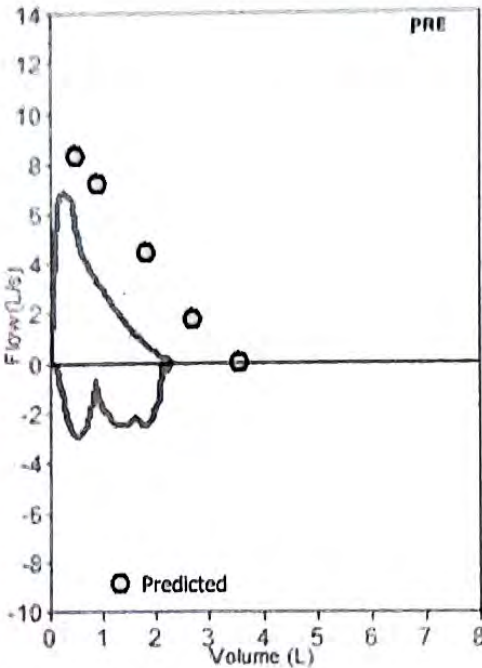
Visit date 27-09-2019

Patient code ON-078

Surname BARIK
 Name KISHORI KINKARA
 Date of birth 11-07-1971
 Ethnic group North Indian
 Smoke No smoker
 Patient group

Age 48
 Gender Male
 Height, cm 166
 Weight, kg 55
 BMI 19.96
 Pack-Year

FVC PRE FEV1 PRE FEV1% PRE



Interpretation

Moderate Restriction

PRE Trial date 27-09-2019 11:16:48 AM

Parameters		Pred	Best	%Pred	PRE # 1	PRE # 2	PRE # 3	POST	%Pred	%Chg
FVC	L	3.58	2.29*	64	2.29			*		
FEV1	L	2.93	1.97*	67	1.97			*		
FEV1/FVC	%	78.6	86.0*	109	86.0			*		
PEF	L/s	8.28	6.94*	84	6.94			*		
ELA	Years	48	85	177	85					
FEF2575	L/s	3.86	2.08	54	2.08					
FET	s	6.00	2.40	40	2.40					
FIVC	L	3.58	2.15	60	2.15					
FEV1/VC	%	78.6								

*Best values from all loops - BTPS 1.063 31 °C (87.8 °F) - Predicted ERS (ECCS) / Knudson

Conclusion / Medical report

Signature

Signature

Instrument used
 Minispir II S/N C08316



UTKAL POLYCLINIC

CENTRE FOR ENVIRONMENT & OCCUPATIONAL HEALTH



Registered under the Orissa Clinical Establishment Control and Regulation Act, 1990 & Rules 1994 (Regd. No.: 35/1998)

C-19, PALASPALLI, AERODROME AREA, BHUBANESWAR, ODISHA, PIN - 761020. PHONE : 0674-2593456

(AN ISO 9001 : 2015 CERTIFIED ORGANISATION)

Certificate No.	ON-078	Date	27. 09. 2019		
Name	KISHORI KINKARA BARIK	Age	48 Years	Sex	MALE

CHEST X-RAY PA VIEW REPORT

- Trachea Central.
- Cardiac shadow is within Normal Limits.
- Both costophrenic and cardiophrenic angles are free.
- Both Hila are Normal.
- Both side Bronchovascular Markings are within Normal Limits.

Profusion of Pneumoconiotic Opacities as per I.L.O. Classification :

ABSENT / PRESENT :	Profusion	X	Shape-Size	X
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Impression - Normal Chest X-Ray

DR P C SAHU, MBBS, PGDMCH
Occupational Health Consultant
Trained in I.L.O. Classification of Pneumoconiosis
Regd.No.-7074 (Orissa)

Annexure -24

OCM/ENV/2116/2023

Date:-10.11.2023

To
The Director Mines Safety,
Directorate General Mine Safety,
Bhubaneswar Region,
Bhubaneswar, ODISHA

Sub: Status Report on Occupational Health Check-up in respect of Ostapal Chromite Mine of M/s Ferro Alloys Corporation Limited.

Ref : Environment Clearance (Identification no EC22B001OR12081) Condition no. - 68

Respected Sir,

Referring to the above cited subject, we would like to submit the occupational Health Status Report of Workmen of Ostapal Chromite Mine of M/s Ferro Alloys Corporation Limited.

This is for your kind perusal

Thanking You

Yours Faithfully
For M/s Ferro Alloys Corporation Limited


MINE MANAGER 10/11/2023
OSTAPAL CHROMITE MINE

Enclosure :As above

CC: The Joint Director, MOEF&CC, Eastern Region , Bhubaneswar

M/s. Ferro Alloys Corporation Ltd. (A subsidiary of Vedanta Ltd.)

Registered Office:

D.P.Nagar, PO : Randia, Dist.: Bhadrak, Odisha, India - 756 135

T +91-6784 240320/240347, Email: facor.mines@vedanta.co.in / facor.ccp@vedanta.co.in

Website: www.facorgroup.in, CIN: U45201OR1955PLC008400.

UNDERTAKING FOR PERIODICAL HEALTH CHECKUP OF EMPLOYEES AND LOCAL PEOPLE

We, at Ostapal Chromite Mines M/s FACOR Ltd., are committed to ensuring the health and wellbeing of our employees and the local community. To that end, we hereby undertake to conduct periodic health check-ups through the expertise of our own occupational health expert.

The health check-ups shall include basic medical examination, vision and hearing tests, lung function tests, blood tests, and vaccination and immunization, if necessary. The check-ups shall be conducted on a regular basis, as per the schedule recommended by our occupation health expert.

We appoint Dr. Parmeshwar Sethi as our occupational health expert to conduct the check-ups and to recommend any further tests or treatment, if required.

For Ferro Alloys Corporation Ltd.



Mine Manager
Ostapal Chromite Mine

M/s. Ferro Alloys Corporation Ltd. (A subsidiary of Vedanta Ltd.)

Registered Office:

D.P.Nagar, PO : Randia, Dist.: Bhadrak, Odisha, India - 756 135

T +91-6784 240320/240347, Email: facor.mines@vedanta.co.in / facor.ccp@vedanta.co.in

Website: www.facorgroup.in, CIN: U45201OR1955PLC008400.

Sl No.	ARI NO	NAME of the Employee	DESIGNATION	D.O.B	DT of Exam	OPHTHALMOLOGY REPORT	X-RAY REPORT	Parameters	predicted	performed % of predicted	SPROMETRY REPORT	AUDIOMETRY REPORT	ECG REPORT	Height	Weight	BMI	Cert no	Stool Test	ILO CLASSIFICATION OF CHEST X-RAY
1	3187	PUSKAMANTA SWAIN M-45YRS	SNR ANALYST		07-06-2018	RT EYE-6/6 With glass LT EYE-6/6 With glass	Chest X-ray Normal PFT-NORMAL	PVC FEV1 FEV1/FVC PEF	3.13 2.62 79.1 7.79	2.68 2.59 96.6 7.15	86 99 127 97	LT EAR RT EAR LTDB RTDB	Normal ECG	156	59	24.24393877	GP-057		Pneumoconiotic opacities profusion-Absent prolution-X SIZE-SHAPE-X
3187	PUSKAMANTA SWAIN M-45YRS	SNR ANALYST			28-10-2021	RT EYE-6/6 Without glass LT EYE-6/6 Without glass	Chest X-ray Normal PFT-NORMAL	PVC FEV1 FEV1/FVC PEF	3.05 2.54 78.6 7.65	performed % of predicted 3.05 2.54 93.0 6.98	83 91 116 91	LT EAR RT EAR LTDB RTDB	Normal ECG in all leads	156	56	23.01117686	FA-0024		Pneumoconiotic opacities profusion-Absent prolution-X SIZE-SHAPE-X
2	3015	DILIP KUMAR SAHOO M-27	IR TYPIST		27-04-2007	RT EYE-6/6 WITHOUT GLASS LT EYE-6/6 WITHOUT GLASS	NORMAL CHEST X-RAY PFT-NORMAL	PVC FEV1 FEV1/FVC PEF	3.87 3.2 79.7 8.72	performed % of predicted 3.87 3.2 86.4 7.38	80 83 108 85	LT EAR RT EAR LTDB RTDB	Normal ECG	169	58	20.30741221	fm-004		Pneumoconiotic opacities profusion-Absent prolution-X SIZE-SHAPE-X
3015	DILIP KUMAR SAHOO M-27YRS	TYPIST			28-10-2021	RT EYE-6/6 Without glass LT EYE-6/6 Without glass	NORMAL Chest X-ray PFT-MILD RESTRICTION	PVC FEV1 FEV1/FVC PEF	3.87 3.2 79.7 8.72	performed % of predicted 3.87 3.2 86.4 7.38	80 83 108 85	LT EAR RT EAR LTDB RTDB	Normal ECG	169	60	21.0074678	fa-0003		Pneumoconiotic opacities profusion-Absent prolution-X SIZE-SHAPE-X
2	139	SACHIDANANDA JENA M-54YRS	PHARMACIST		28-10-2021	RT EYE-6/6 Without glass LT EYE-6/6 Without glass	NORMAL Chest X-ray PFT-MILD RESTRICTION	PVC FEV1 FEV1/FVC PEF	3.2 2.61 77.1 7.16	performed % of predicted 3.2 2.61 92.2 7.16	80 83 108 85	LT EAR RT EAR LTDB RTDB	Normal ECG	163	61	23.53304771	FA-0008		Pneumoconiotic opacities profusion-Absent prolution-X SIZE-SHAPE-X
4	209	SASHIBHUSAN MANDIA M-47YRS	PHARMACIST		05-04-2014	RT EYE-6/6 With glass LT EYE-6/6 With glass	NORMAL Chest X-ray PFT-NORMAL	PVC FEV1 FEV1/FVC PEF	3.55 2.92 78.8 8.26	performed % of predicted 3.55 2.92 98.2 8.26	83 103 122 98	LT EAR RT EAR LTDB RTDB	Normal ECG	165	65	23.87511478	OD-053		Pneumoconiotic opacities profusion-Absent prolution-X SIZE-SHAPE-X
209	SASHIBHUSAN MANDIA M-55YRS	PHARMACIST			28-10-2021	RT EYE-6/6 With glass LT EYE-6/6 With glass	NORMAL Chest X-ray PFT-NORMAL	PVC FEV1 FEV1/FVC PEF	3.55 2.92 78.8 8.26	performed % of predicted 3.55 2.92 98.2 8.26	83 103 122 98	LT EAR RT EAR LTDB RTDB	Normal ECG	165	59	21.67125608	FA-0007		Pneumoconiotic opacities profusion-Absent prolution-X SIZE-SHAPE-X
209	SASHIBHUSAN MANDIA M-50YRS	PHARMACIST			11-02-2023	SPECIAL TEST	NORMAL Chest X-ray PFT-NORMAL	PVC FEV1 FEV1/FVC PEF	3.23 2.61 77.1 7.75	performed % of predicted 3.23 2.61 90.7 7.75	81 94 118 72	LT EAR RT EAR LTDB RTDB	Normal ECG	163	54	20.32443826	FA-0005	NEGATIVE	Pneumoconiotic opacities profusion-Absent prolution-X SIZE-SHAPE-X
3193	SADAKAT ALI KHAN M-50YRS	SURVEYOR			26-09-2019	RT EYE-6/6 With glass LT EYE-6/6 With glass	NORMAL CHEST X-RAY PFT-MILD RESTRICTION	PVC FEV1 FEV1/FVC PEF	3.17 2.59 78.4 7.74	performed % of predicted 3.17 2.59 80 7.3	81 94 113 94	LT EAR RT EAR LTDB RTDB	Normal ECG	158	52	20.82995519	GF-221		Pneumoconiotic opacities profusion-Absent prolution-X SIZE-SHAPE-X
3193	SADAKAT ALI KHAN M-57YRS	SURVEYOR			26-10-2022	RT EYE-6/6 With glass LT EYE-6/6 With glass	NORMAL CHEST X-RAY PFT-MILD RESTRICTION	PVC FEV1 FEV1/FVC PEF	3.17 2.56 77.9 7.68	performed % of predicted 3.17 2.56 82 5.98	81 94 113 78	LT EAR RT EAR LTDB RTDB	Normal ECG	159	59	23.33768443	FA-0004		Pneumoconiotic opacities profusion-Absent prolution-X SIZE-SHAPE-X
3204	MANORANJAN MISHRA M-54	IR STATICAL ASST.			28-10-2021	RT EYE-6/6 With glass LT EYE-6/6 Without glass	NORMAL CHEST X-RAY PFT-NORMAL	PVC FEV1 FEV1/FVC PEF	3.23 2.62 77.5 7.17	performed % of predicted 3.23 2.62 87.3 6.04	81 94 113 78	LT EAR RT EAR LTDB RTDB	Normal ECG	162	72	23.33768443	FA-0009		Pneumoconiotic opacities profusion-Absent prolution-X SIZE-SHAPE-X
281	DILIP KUMAR MAHAIPATRA M-52YRS	DY MANAGER Q & C			25-09-2019	RT EYE-6/6 Without glass LT EYE-6/6 Without glass	NORMAL CHEST X-RAY PFT-NORMAL	PVC FEV1 FEV1/FVC PEF	3.22 2.61 77.9 7.8	performed % of predicted 3.22 2.61 93.1 7.95	81 94 113 102	LT EAR RT EAR LTDB RTDB	Normal ECG	161	84	32.60515717	GF-222		Pneumoconiotic opacities profusion-Absent prolution-X SIZE-SHAPE-X

For Sign [Dr. Ravi Ranjan]



UTKAL POLYCLINIC

OH CENTRE



At - TATA STEEL MINING LTD., Sukinda Chromite Mine, P.O. - Kalarangiatta, Jajpur, Odisha - 755028

SPECIAL TEST FOR BLASTER

Cert. No.:

FAF-0010

Date: 07-10-2023

REPORT ON EYE TESTING

Name - SUSHEEL KUMAR M. DANTA Age / Sex - 23 / Male

Designation - EXCAVATOR OPERATOR Working Since.....

Name of the Mines- OSTAPAL CHROMITE MINES

Name of the Industry- M/S. VEDANTA FACOR LTD.

Name of the Vendor- M/S. ORISSA MOTORS PVT. LTD.

From-A (Part-A) Register /Employee No.- * 2030

VISUAL ACUITY-RT.EYE- 6/6 With/ Without Glasses.LT. EYE- 6/6 With/ Without Glasses

COLOUR VISION ... Normal / Abnormal (Ishihara color Test)..... Normal

ANTERIOR SEGMENT Not Done

FUNDOSCOPY Not Done

PRESCRIPTION FOR GLASSES

RIGHT					LEFT			
SPH	CYL	AXIS	VISION		SPH	CYL	AXIS	VISION
				Distance				
				Reading				

ADVICE / REMARK :

Ashok Kumar Mishra
07/10/23

Ashok Kumar Mishra Signature

M.S

Senior Eye Specialist

Regn. No. 7664 (O)

166



UTKAL POLYCLINIC O H CENTRE



At -TATA STEEL MINING LTD., Sukinda Chromite Mine, P.O.- Kalarangiatta , Jajpur, Odisha -755028

Cert. No.: FAF-0004

Date : 07-10-2023

REPORT ON EYE TESTING

Name - SAPTA MOHANTA Age / Sex - 41... / Male

Designation- EXCAVATOR OPERATOR Working Since.....

Name of the Mines- OSTAPAL CHROMITE MINES

Name of the Industry- M/S. VEDANTA FACOR LTD.

Name of the Vendor- M/S. ORISSA MOTORS PVT. LTD.

From-A (Part-A) Register /Employee No.- * , 2003

VISUAL ACUITY-RT.EYE 6/6 With/ Without Glasses.LT. EYE-6/6 With/ Without Glasses

COLOUR VISION ...Normal / Abnormal (Ishihara color Test).....Normal

ANTERIOR SEGMENT ...Normal

FUNDOSCOPY ...Normal

PRESCRIPTION FOR GLASSES

RIGHT					LEFT			
SPH	CYL	AXIS	VISION		SPH	CYL	AXIS	VISION
				Distance				
				Reading				

ADVICE / REMARK :

Signature
07/10/23

Dr. Ashok Kumar Mishra Signature
M.S.
Senior Eye Specialist
Regn. No. 7664 (C)



UTKAL POLYCLINIC

O H CENTRE



At -TATA STEEL MINING LTD., Sukinda Chromite Mine, P.O.- Kalarangiatta , Jaipur, Odisha -755028

SPECIAL MEDICAL TEST FOR PERSONS HANDLING FOR FOOD HANDLER ACTIVITIES

Certificate No.		FAF-0006		Date		26-08-2023	
Name	BAIDYANATH PADHI			Age	53Years	Sex	MALE

ROUTINE STOOL ANALYSIS :

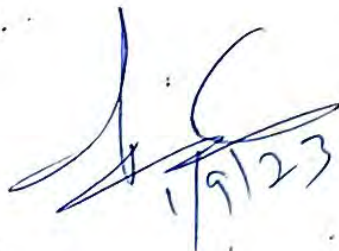
PHYSICAL EXAMINATION

Colour : Yellowish
Consistency : Semi-Solid
Mucus : Trace
Reaction : Alkaline

MICROSCOPIC EXAMINATION

Ova Round worm : Nil
Ova Hook worm : Nil
Other Ova : Nil
Larva Strongyloid : Nil
E.H. Cyst /Veg. : Nil
E. Coli Cyst /Veg. : Nil
Giardia Cyst /Veg. : Nil
Pus cell : 1-2/H.P.F
R.B.C. : Nil
Macrophage : Nil
Vegetable cell : Present
Fat Globule : Nil
Starch : Not Detected
Yeast Cell : Nil
Bacteria Flora : Normal

SPUTUM FOR AFB : Not Found


17/9/23

Lab. Technician

unction Test Results

TATKAL POLYCLINIC 
OH CENTRE

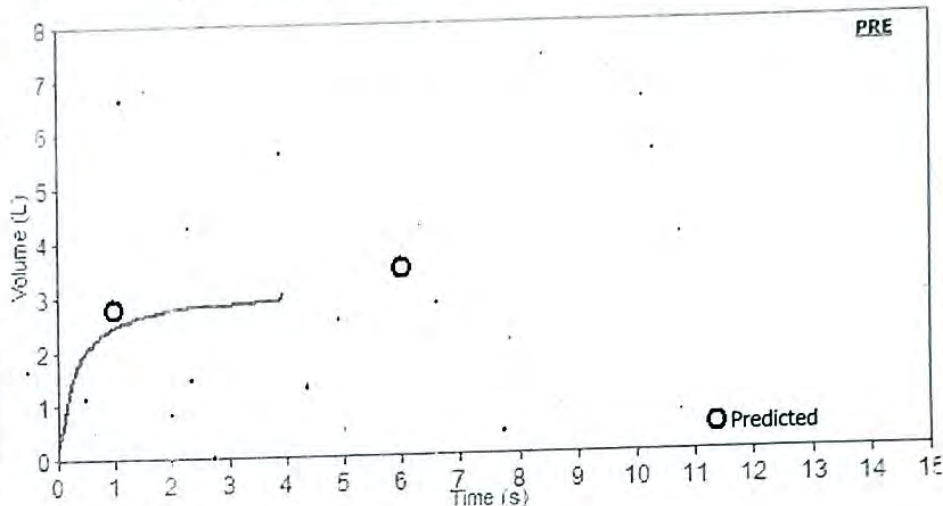
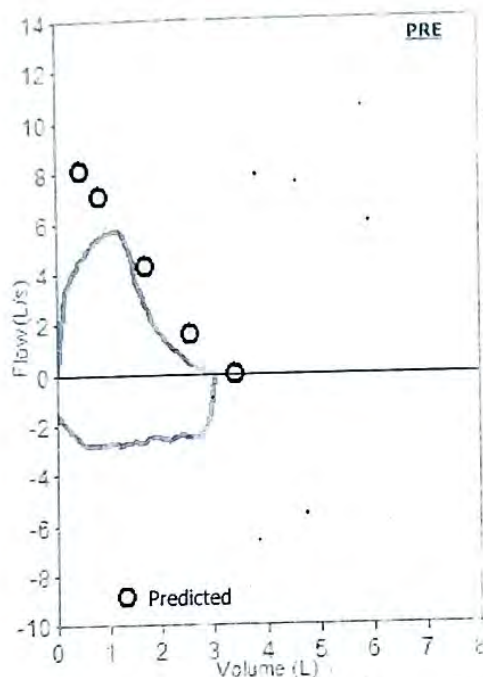
TATA STEEL MINING LTD. SUKINDA CHROMITE MINE
 P.O. - Kalarangiatla, Jajpur, Odisha - 755028

Visit date 26-08-2023

Patient code FAF-0006..

Surname PADHI
 Name BAIDYANATH
 Date of birth 07-06-1969
 Ethnic group North Indian
 Smoke No smoker
 Patient group

Age 54
 Gender Male
 Height, cm 166
 Weight, kg 68
 BMI 24.68
 Pack-Year



Interpretation

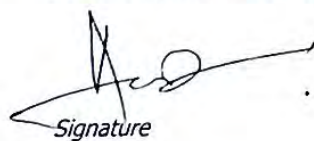
Normal Spirometry

PRE Trial date 26-08-2023 10:25:11

Parameters	Pred	Best	%Pred	PRE # 1	PRE # 2	PRE # 3	POST	%Pred	%Chg
FVC L	3.44	3.02*	88	3.02			*		
FEV1 L	2.77	2.51*	90	2.51			*		
FEV1/VC %	77.5						*		
FEV1/FVC %	77.5	83.1*	107	83.1			*		
PEF L/s	8.02	5.77*	72	5.77			*		
FEF2575 L/s	3.60	2.76	77	2.76					
ELA Years	54	64	119	64					
FET s	6.00	3.95	66	3.95					
EVol mL		186		186					
FIVC L	3.44	3.05	89	3.05					

*Best values from all loops - BTPS 1.073 29 °C (84.2 °F) - Predicted ERS (ECCS) / Knudson

Conclusion / Medical report


 Signature

Instrument used
 Minispir S S/N C08316



Certificate No. FAF-0006..

Date 26-08-2023

Name BAIDYANATH PADHI

Age 54 Years Sex MALE


CHEST X-RAY PA VIEW REPORT

- Trachea Central.
- Cardiac shadow is within Normal Limits.
- Both costophrenic and cardiophrenic angles are free.
- Both Hila are Normal.
- Both side Bronchovascular Markings are within Normal Limits.

Profusion of Pneumoconiotic Opacities as per I.L.O. Classification :

ABSENT / PRESENT :	Profusion	X	Shape-Size	X
--------------------	-----------	---	------------	---

Impression - Normal Chest Xray


DR SOURAV KUMAR DE
MBBS, DIH, PGCHM
Occupational Health Physician
Regd.No.-54429 (WBMC)

SAMPLE OF SKIN TESTING OF MINE WORKMEN EVRY FORTNIGHT

Sl. No.	RR NO.	NAME OF THE EMPLOYEE	D.O.B	DESIGNATION	DT of 1st visit	Skin map result	2nd visit	Result	3rd visit	Result	4th visit	Result	5th visit	Result	6th visit	Result	7th visit	Result	8th visit	Result	9th visit	Result	10th visit	Result		
1	247	RABINDRA KUMAR MAHANTA	05-10-1978	BLASTER	13-03-2023	NORMAL	27-03-2023	NORMAL	10-04-2023	NORMAL	27-04-2023	NORMAL	16-05-2023	NORMAL	07-06-2023	NORMAL	20-06-2023	NORMAL	05-07-2023	NORMAL	16-07-2023	NORMAL	21-08-2023	07-09-2023	NORMAL	27-09-2023
2	511	UTTERDIA KUMAR MAHANTA	01-09-1972	BLASTER	13-03-2023	NORMAL	27-03-2023	NORMAL	13-04-2023	NORMAL	27-04-2023	NORMAL	16-05-2023	NORMAL	07-06-2023	NORMAL	20-06-2023	NORMAL	05-07-2023	NORMAL	16-07-2023	NORMAL	21-08-2023	07-09-2023	NORMAL	27-09-2023
3	3006	AKSHAYA KUMAR DEBURY	04-07-1975	BLASTER HELPER	13-03-2023	NORMAL	27-03-2023	NORMAL	13-04-2023	NORMAL	27-04-2023	NORMAL	16-05-2023	NORMAL	07-06-2023	NORMAL	20-06-2023	NORMAL	05-07-2023	NORMAL	16-07-2023	NORMAL	21-08-2023	07-09-2023	NORMAL	27-09-2023
4	520	TRILOKHAN MAHANTA	14-01-1968	BLASTER HELPER	13-03-2023	NORMAL	27-03-2023	NORMAL	13-04-2023	NORMAL	27-04-2023	NORMAL	16-05-2023	NORMAL	07-06-2023	NORMAL	20-06-2023	NORMAL	05-07-2023	NORMAL	16-07-2023	NORMAL	21-08-2023	07-09-2023	NORMAL	27-09-2023
5	166	SALINDRA MAHANTA	25-01-1964	DRILLING CREW	13-03-2023	NORMAL	27-03-2023	NORMAL	13-04-2023	NORMAL	27-04-2023	NORMAL	16-05-2023	NORMAL	07-06-2023	NORMAL	20-06-2023	NORMAL	05-07-2023	NORMAL	16-07-2023	NORMAL	21-08-2023	07-09-2023	NORMAL	27-09-2023
6	60	KAILASH CH MAHANTA	21-04-1964	DRILLING CREW	13-03-2023	NORMAL	27-03-2023	NORMAL	13-04-2023	NORMAL	27-04-2023	NORMAL	16-05-2023	NORMAL	07-06-2023	NORMAL	20-06-2023	NORMAL	05-07-2023	NORMAL	16-07-2023	NORMAL	21-08-2023	07-09-2023	NORMAL	27-09-2023
7	579	KRISHNA CH MAHANTA	18-07-1963	BLASTING HELPER	13-03-2023	NORMAL	27-03-2023	NORMAL	13-04-2023	NORMAL	27-04-2023	NORMAL	16-05-2023	NORMAL	07-06-2023	NORMAL	20-06-2023	NORMAL	05-07-2023	NORMAL	16-07-2023	NORMAL	21-08-2023	07-09-2023	NORMAL	27-09-2023
8	506	PALMANAVA DEBURY	01-01-1971	DRILLING HELPER	13-03-2023	NORMAL	27-03-2023	NORMAL	13-04-2023	NORMAL	27-04-2023	NORMAL	16-05-2023	NORMAL	07-06-2023	NORMAL	20-06-2023	NORMAL	05-07-2023	NORMAL	16-07-2023	NORMAL	21-08-2023	07-09-2023	NORMAL	27-09-2023
9	596	KRISHNA CH MAHANTA	18-07-1963	BLASTING HELPER	13-03-2023	NORMAL	27-03-2023	NORMAL	13-04-2023	NORMAL	27-04-2023	NORMAL	16-05-2023	NORMAL	07-06-2023	NORMAL	20-06-2023	NORMAL	05-07-2023	NORMAL	16-07-2023	NORMAL	21-08-2023	07-09-2023	NORMAL	27-09-2023
10	556	PRASANT MUNDRA	01-01-1980	WELDER	14-03-2023	NORMAL	28-03-2023	NORMAL	14-04-2023	NORMAL	28-04-2023	NORMAL	17-05-2023	NORMAL	07-06-2023	NORMAL	20-06-2023	NORMAL	05-07-2023	NORMAL	16-07-2023	NORMAL	21-08-2023	07-09-2023	NORMAL	27-09-2023
11	293	JAMAN HEMBRAM	13-02-1995	WELDER	14-03-2023	NORMAL	28-03-2023	NORMAL	14-04-2023	NORMAL	28-04-2023	NORMAL	17-05-2023	NORMAL	07-06-2023	NORMAL	20-06-2023	NORMAL	05-07-2023	NORMAL	16-07-2023	NORMAL	21-08-2023	07-09-2023	NORMAL	27-09-2023
12	293	JAMAN MAHANTA	23-10-1967	JR. WELDER	14-03-2023	NORMAL	28-03-2023	NORMAL	14-04-2023	NORMAL	28-04-2023	NORMAL	17-05-2023	NORMAL	07-06-2023	NORMAL	20-06-2023	NORMAL	05-07-2023	NORMAL	16-07-2023	NORMAL	21-08-2023	07-09-2023	NORMAL	27-09-2023
13	506	MAREDDA COPPAL	15-09-1963	WELDER	14-03-2023	NORMAL	28-03-2023	NORMAL	14-04-2023	NORMAL	28-04-2023	NORMAL	17-05-2023	NORMAL	07-06-2023	NORMAL	20-06-2023	NORMAL	05-07-2023	NORMAL	16-07-2023	NORMAL	21-08-2023	07-09-2023	NORMAL	27-09-2023
14	518	MAHANTA SINGH	02-01-1973	WELDER ASST.	14-03-2023	NORMAL	28-03-2023	NORMAL	14-04-2023	NORMAL	28-04-2023	NORMAL	17-05-2023	NORMAL	07-06-2023	NORMAL	20-06-2023	NORMAL	05-07-2023	NORMAL	16-07-2023	NORMAL	21-08-2023	07-09-2023	NORMAL	27-09-2023
15	615	RAKESH DEBURY	05-02-1981	OPERATOR	14-03-2023	NORMAL	28-03-2023	NORMAL	14-04-2023	NORMAL	28-04-2023	NORMAL	17-05-2023	NORMAL	07-06-2023	NORMAL	20-06-2023	NORMAL	05-07-2023	NORMAL	16-07-2023	NORMAL	21-08-2023	07-09-2023	NORMAL	27-09-2023
16	617	MAHENDRAN MAHANTA	18-07-1980	OPERATOR	14-03-2023	NORMAL	28-03-2023	NORMAL	14-04-2023	NORMAL	28-04-2023	NORMAL	17-05-2023	NORMAL	07-06-2023	NORMAL	20-06-2023	NORMAL	05-07-2023	NORMAL	16-07-2023	NORMAL	21-08-2023	07-09-2023	NORMAL	27-09-2023
17	618	MAHARAJAN DEBURY	20-09-1978	OPERATOR	14-03-2023	NORMAL	28-03-2023	NORMAL	14-04-2023	NORMAL	28-04-2023	NORMAL	17-05-2023	NORMAL	07-06-2023	NORMAL	20-06-2023	NORMAL	05-07-2023	NORMAL	16-07-2023	NORMAL	21-08-2023	07-09-2023	NORMAL	27-09-2023
18	559	KARAN HEMBRAM	08-03-1968	LOADING LABOUR	19-04-2023	NORMAL	02-05-2023	NORMAL	19-05-2023	NORMAL	08-06-2023	NORMAL	28-06-2023	NORMAL	11-07-2023	NORMAL	01-08-2023	NORMAL	31-08-2023	NORMAL	09-09-2023	NORMAL	21-08-2023	07-09-2023	NORMAL	27-09-2023
19	540	BHABANA KISHORE MAHANTA	06-10-1970	LOADING LABOUR	19-04-2023	NORMAL	02-05-2023	NORMAL	19-05-2023	NORMAL	08-06-2023	NORMAL	28-06-2023	NORMAL	11-07-2023	NORMAL	01-08-2023	NORMAL	31-08-2023	NORMAL	09-09-2023	NORMAL	21-08-2023	07-09-2023	NORMAL	27-09-2023
20	577	PRAMACE BIGE THIRA	10-03-1967	LOADING LABOUR	19-04-2023	NORMAL	02-05-2023	NORMAL	19-05-2023	NORMAL	08-06-2023	NORMAL	28-06-2023	NORMAL	11-07-2023	NORMAL	01-08-2023	NORMAL	31-08-2023	NORMAL	09-09-2023	NORMAL	21-08-2023	07-09-2023	NORMAL	27-09-2023
21	562	GOPABANDH DEBURY	11-02-1969	LOADING LABOUR	19-04-2023	NORMAL	02-05-2023	NORMAL	19-05-2023	NORMAL	08-06-2023	NORMAL	28-06-2023	NORMAL	11-07-2023	NORMAL	01-08-2023	NORMAL	31-08-2023	NORMAL	09-09-2023	NORMAL	21-08-2023	07-09-2023	NORMAL	27-09-2023
22	1003	GAJESH CHANDRA MAHANTA	10-07-1974	MAZDOOR	23-04-2023	NORMAL	08-05-2023	NORMAL	26-05-2023	NORMAL	10-06-2023	NORMAL	28-06-2023	NORMAL	11-07-2023	NORMAL	11-08-2023	NORMAL	23-08-2023	NORMAL	09-09-2023	NORMAL	22-08-2023	07-09-2023	NORMAL	27-09-2023
23	1002	RAJU MUNDRA	07-05-1975	MAZDOOR	23-04-2023	NORMAL	08-05-2023	NORMAL	26-05-2023	NORMAL	10-06-2023	NORMAL	28-06-2023	NORMAL	11-07-2023	NORMAL	11-08-2023	NORMAL	23-08-2023	NORMAL	09-09-2023	NORMAL	22-08-2023	07-09-2023	NORMAL	27-09-2023
24	1006	DURGAS MUNDRA	01-04-1967	MAZDOOR	23-04-2023	NORMAL	08-05-2023	NORMAL	26-05-2023	NORMAL	10-06-2023	NORMAL	28-06-2023	NORMAL	11-07-2023	NORMAL	11-08-2023	NORMAL	23-08-2023	NORMAL	09-09-2023	NORMAL	22-08-2023	07-09-2023	NORMAL	27-09-2023
25	1008	SIRBAM HMBRU	01-01-1967	MAZDOOR	23-04-2023	NORMAL	08-05-2023	NORMAL	26-05-2023	NORMAL	10-06-2023	NORMAL	28-06-2023	NORMAL	11-07-2023	NORMAL	11-08-2023	NORMAL	23-08-2023	NORMAL	09-09-2023	NORMAL	22-08-2023	07-09-2023	NORMAL	27-09-2023
26	1045	RAJNA SINGLA	12-11-1965	MAZDOOR	23-04-2023	NORMAL	08-05-2023	NORMAL	26-05-2023	NORMAL	10-06-2023	NORMAL	28-06-2023	NORMAL	11-07-2023	NORMAL	11-08-2023	NORMAL	23-08-2023	NORMAL	09-09-2023	NORMAL	22-08-2023	07-09-2023	NORMAL	27-09-2023
27	1046	BUDHIMA GAGRI	18-03-1986	MAZDOOR	23-04-2023	NORMAL	08-05-2023	NORMAL	26-05-2023	NORMAL	10-06-2023	NORMAL	28-06-2023	NORMAL	11-07-2023	NORMAL	11-08-2023	NORMAL	23-08-2023	NORMAL	09-09-2023	NORMAL	22-08-2023	07-09-2023	NORMAL	27-09-2023
28	1046	LADJUN MUNDRA	03-03-1966	MAZDOOR	23-04-2023	NORMAL	08-05-2023	NORMAL	26-05-2023	NORMAL	10-06-2023	NORMAL	28-06-2023	NORMAL	11-07-2023	NORMAL	11-08-2023	NORMAL	23-08-2023	NORMAL	09-09-2023	NORMAL	22-08-2023	07-09-2023	NORMAL	27-09-2023
29	1051	SOMNATH MUNDRA	17-03-1976	MAZDOOR	23-04-2023	NORMAL	08-05-2023	NORMAL	26-05-2023	NORMAL	10-06-2023	NORMAL	28-06-2023	NORMAL	11-07-2023	NORMAL	11-08-2023	NORMAL	23-08-2023	NORMAL	09-09-2023	NORMAL	22-08-2023	07-09-2023	NORMAL	27-09-2023
30	1088	KUNU NAIK	15-09-1979	MAZDOOR	23-04-2023	NORMAL	08-05-2023	NORMAL	26-05-2023	NORMAL	10-06-2023	NORMAL	28-06-2023	NORMAL	11-07-2023	NORMAL	11-08-2023	NORMAL	23-08-2023	NORMAL	09-09-2023	NORMAL	22-08-2023	07-09-2023	NORMAL	27-09-2023
31	1004	SUNJA HEMBRAM	04-03-1986	MAZDOOR	02-05-2023	NORMAL	16-05-2023	NORMAL	03-06-2023	NORMAL	30-06-2023	NORMAL	06-07-2023	NORMAL	29-07-2023	NORMAL	14-08-2023	NORMAL	02-09-2023	NORMAL	22-09-2023	NORMAL	22-09-2023	02-09-2023	NORMAL	22-09-2023
32	1015	JENNA HEMA	01-01-1975	MAZDOOR	02-05-2023	NORMAL	16-05-2023	NORMAL	03-06-2023	NORMAL	30-06-2023	NORMAL	06-07-2023	NORMAL	29-07-2023	NORMAL	14-08-2023	NORMAL	02-09-2023	NORMAL	22-09-2023	NORMAL	22-09-2023	02-09-2023	NORMAL	22-09-2023
33	1018	CHAMPAN GADASARIA	06-04-1992	MAZDOOR	02-05-2023	NORMAL	16-05-2023	NORMAL	03-06-2023	NORMAL	30-06-2023	NORMAL	06-07-2023	NORMAL	29-07-2023	NORMAL	14-08-2023	NORMAL	02-09-2023	NORMAL	22-09-2023	NORMAL	22-09-2023	02-09-2023	NORMAL	22-09-2023
34	1021	DOLA MUNDRA	01-07-1989	MAZDOOR	02-05-2023	NORMAL	16-05-2023	NORMAL	03-06-2023	NORMAL	30-06-2023	NORMAL	06-07-2023	NORMAL	29-07-2023	NORMAL	14-08-2023	NORMAL	02-09-2023	NORMAL	22-09-2023	NORMAL	22-09-2023	02-09-2023	NORMAL	22-09-2023
35	1022	SANJAY KUMAR NAYAK	01-01-1973	MAZDOOR	02-05-2023	NORMAL	16-05-2023	NORMAL	03-06-2023	NORMAL	30-06-2023	NORMAL	06-07-2023	NORMAL	29-07-2023	NORMAL	14-08-2023	NORMAL	02-09-2023	NORMAL	22-09-2023	NORMAL	22-09-2023	02-09-2023	NORMAL	22-09-2023
36	1023	LAGU BARI	14-04-1977	MAZDOOR	02-05-2023	NORMAL	16-05-2023	NORMAL	03-06-2023	NORMAL	30-06-2023	NORMAL	06-07-2023	NORMAL	29-07-2023	NORMAL	14-08-2023	NORMAL	02-09-2023	NORMAL	22-09-2023	NORMAL	22-09-2023	02-09-2023	NORMAL	22-09-2023
37	1024	KRISHNA NAYAK	01-07-1968	MAZDOOR	02-05-2023	NORMAL	16-05-2023	NORMAL	03-06-2023	NORMAL	30-06-2023	NORMAL	06-07-2023	NORMAL	29-07-2023	NORMAL	14-08-2023	NORMAL	02-09-2023	NORMAL	22-09-2023	NORMAL	22-09-2023	02-09-2023	NORMAL	22-09-2023
38	1028	RAJNA THIRA	20-04-1997	MAZDOOR	02-05-2023	NORMAL	16-05-2023	NORMAL	03-06-2023	NORMAL	30-06-2023	NORMAL	06-07-2023	NORMAL	29-07-2023	NORMAL	14-08-2023	NORMAL	02-09-2023	NORMAL	22-09-2023	NORMAL	22-09-2023	02-09-2023	NORMAL	22-09-2023
39	1048	BUDHIMA GAGARI	18-03-1986	MAZDOOR	02-05-2023	NORMAL	16-05-2023	NORMAL	03-06-2023	NORMAL	30-06-2023	NORMAL	06-07-2023	NORMAL	29-07-2023	NORMAL	14-08-2023	NORMAL	02-09-2023	NORMAL	22-09-2023	NORMAL	22-09-2023	02-09-2023	NORMAL	22-09-2023
40	1051	PELUNJA HMBRU	18-09-1980	MAZDOOR	02-05-2023	NORMAL	16-05-2023	NORMAL	03-06-2023	NORMAL	30-06-2023	NORMAL	06-07-2023	NORMAL	29-07-2023	NORMAL	14-08-2023	NORMAL	02-09-2023	NORMAL	22-09-2023	NORMAL	22-09-2023	02-09-2023	NORMAL	22-09-2023
41	1054	CHUBA THIRA	14-02-1980	MAZDOOR	02-05-2023	NORMAL	16-05-2023	NORMAL	03-06-2023	NORMAL	30-06-2023	NORMAL	06-07-2023	NORMAL	29-07-2023	NORMAL	14-08-2023	NORMAL	02-09-2023	NORMAL	22-09-2023	NORMAL	22-09-2023	02-09-2023	NORMAL	22-09-202

OCM/ENV/ 1608 /2023

DATE: 10.05.2023

To

The Joint Director(s),
Ministry of Environment, Forest & Climate Change,
Eastern Regional Office,
Bhubaneswar , Odisha

Sub: Submission of six monthly compliance report to the conditions stipulated in the grant order of Environment Clearance (EC) pertaining to Ostapal Chromite Mines of M/s Ferro Alloys Corporation Limited.

Ref: Environment Clearance (Identification No:EC22B001OR12081) dated 04.04.2022 of Ostapal Chromite Mines of M/s Ferro Alloys Corporation Limited.

Respected Sir,

With reference to the captioned subject & cited reference, we are herewith submitting six monthly compliance report pertaining to Ostapal Chromite mines of M/s. Ferro Alloys Corporation Limited for the period October'2022 to March 2023 for your kind perusal.

This is for your kind information & necessary action.

Thanking You,

Yours Faithfully
For M/s Ferro Alloys Corporation Limited


MINE MANAGER 10/05/2023
OSTAPAL CHROMITE MINE

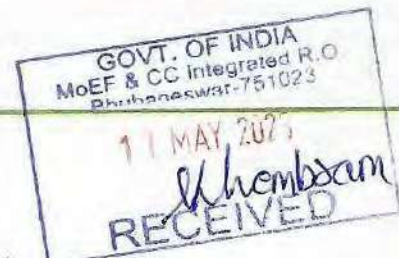
Encl: As above

CC: (1) The Member Secretary, SEIAA, ODISHA
(2) The Member Secretary, State Pollution Control Board, ODISHA
(3) The Member Secretary, Central Pollution Control Board, ODISHA

M/s. Ferro Alloys Corporation Ltd. (A subsidiary of Vedanta Ltd.)

Registered Office:

D.P.Nagar, PO : Randia, Dist.: Bhadrak, Odisha, India - 756 135

T +91-6784 240320/240347, Email: facor.mines@vedanta.co.in / facor.ccp@vedanta.co.inWebsite: www.facorgroup.in, CIN: U45201OR1955PLC008400.

Annexure no 29

OCM/ENV/ 1997 /2023

Date: 29.09.2023

To

The Member Secretary
State Pollution Control Board, Odisha
Paribesh Bhawan, Unit-VIII
BHUBANESWAR – 751 012

Sub: Submission of Annual Environmental Statement in Form-V for the Year 2022-23 in respect of
Ostapal Chromite Mine M/s. FACOR Ltd.

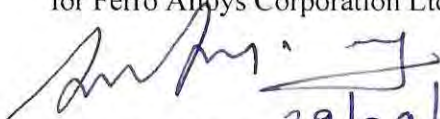
Dear Sir,

With reference to the captioned subject, we are herewith submitting the Environmental Statement in the prescribed format Form-V, duly filled in, for the year 2022-23 in respect of **Ostapal Chromite Mines M/s. Ferro Alloys Corporation Limited** for your kind perusal.

This is for your kind information & perusal please.

Thanking you,

Yours faithfully,
for Ferro Alloys Corporation Ltd


29/09/2023
Mines Manager
Ostapal Chromite Mines

Enclosure: As above

Copy to: 1) The Regional Officer, OSPCB, Kalinganagar – Jajpur
2) The Joint Director, MoEF & CC Eastern Regional Office, Bhubaneswar

M/s. Ferro Alloys Corporation Ltd. (A subsidiary of Vedanta Ltd.)**Registered Office:**

D.P.Nagar, PO : Randia, Dist.: Bhadrak, Odisha, India - 756 135

T +91-6784 240320/240347, Email: facor.mines@vedanta.co.in / facor.ccp@vedanta.co.inWebsite: www.facorgroup.in, CIN: U45201OR1955PLC008400.

Sensitivity: Internal (C3)

FORM –V

ENVIRONMENTAL STATEMENT OF OSTAPAL CHROMITE MINES OF M/S.FACOR LTD., ENVIRONMENT STATEMENT FOR THE FINANCIAL YEAR ENDING ON 31ST MARCH 2023

(PART –A)

i)	Name & Address of the Owner/Occupier of the Industry operation or Process	M/s. FERRO ALLOYS CORPORATION LTD., D.P.Nagar, Randia Bhadrak
ii)	Industry Category Primary – (SIC Code) Secondary – (SIC Code)	CHROMITE MINING INDUSTRY
iii)	Production Capacity – Unit	2.4 Lakh TPA Chrome Ore from Mines 1 Lakh TPA Beneficiated Chrome Ore From COB Plant
iv)	Year of Establishment	13 th August, 1985
v)	Date of last Environmental Statement submitted	29.09.2022 (For the Financial Year 2021-22)

(PART – B)

WATER & RAW MATERIAL CONSUMPTION

(i) Water Consumption M³/day:

A	WATER CONSUMPTION: FY 2022-23		
	Water Consumption M3/day	Total In a Year (Cub Mt)	Avg Cub mt/Day
	a) Process (Beneficiation plant)	4,02,804	1103.6
	b) Cooling, dust suppression, afforestation, wheel washing etc	43,559	119.3
	c) Domestic	13,454	36.9
Total Consumption		4,56,817	1259.8

B	PROCESS WATER CONSUMPTION PER PRODUCT OUTPUT		
	Name of the Products	During the Previous Financial Year 2021-22	During the Current Financial Year 2022-23
	a) Chrome ore Concentrate from COB Plant (Cub Mt /MT)	6.51M3/MT (for 48606 MT CONCENTRATE)	8.13 m3/ MT (for 49500 MT of Concentrate)
	b) Chrome ore from Mines (Cub Mt /MT)	1.67 (199999 MT of ore)	1.91 (239951 MT of ore)

ii) Raw Material Consumption:

FACOR is involved in extraction of Chrome Ore from Mine /quarry .Mining is not a Manufacturing Process thus there are no such raw materials involved in the process. However, there are number of Indirect raw materials/Consumables used to support the process of Mining & beneficiation of Ore. The details consumable raw materials as follows:

Sl No.	Indirect Raw Materials /consumables	During 2022-23
	Name of the Raw materail/Consumable	
1	Disel (Kilo Liters)	1625
2	LPG (Kg)	5586
3	Lubricant Oil (Litres)	1940
4	Grease (Kg)	1996
5	Electricity (Consumed) (MWh)	2166
6	Electricity (Generated) (MWh)	69
7	Explosive (Kg) (Detonator, Safety fuse)	31000 kg
8	Tyre Nos.	11

(PART – C)
POLLUTION DISCHARGED TO ENVIRONMENT/UNIT OF OUTPUT
(PARAMETER AS SPECIFIED IN THE CONSENT ISSUED)

a)	Water *	Annual Avg. in Kg/day	Annual Avg. in mg/l	Annual Avg. (%)
1	Suspended Solids	24	10	Below prescribed standard
2	Oil & Grease	19.2	8	-do-
3.	B.O.D	11.8	4.6	-do-
4.	C.O.D	81.6	34	-do-
5.	Hexavalent Chromium (Cr ⁺⁶)	0.05	0.02	-do-
6.	Total Chromium (Cr)	0.48	0.2	-do-

b) AIR ** - Not applicable. since it is a Mining Industry.

NOTE * All the analyzed parameters of Mines pumped out water are well within the prescribed limit except hexavalent Chromium, for which ETP has been commissioned. Analysis report of Inlet water and final discharge water (after treatment) is enclosed as **ANNEXURE – I**.

** Air quality analysis report of core & Buffer Zone is enclosed as **ANNEXURE – 2**

(PART – D)
HAZARDOUS WASTES

AS SPECIFIED UNDER HAZARDOUS WASTES/MANAGEMENT & HANDLING RULES, 2008

Sl.No.	Hazardous Wastes	TOTAL QUANTITY (Kg.)	
		During the previous Financial Year 2021-22	During the Current Financial Year 2022-23
(a)	<u>FROM PROCESS:</u>		
I)	Filter & filter materials containing oil	30.0	206.8 Kg
II)	Used oil/waste oil from vehicles	345	1240 Kg
III)	Empty Barrels	-	110 Kg
(b)	From Pollution Control facilities (ETP Sludge)	24,600	10170 Kg

(PART – E)
SOLID WASTES

Sl.No.	P A R T I C U L A R S	TOTAL QUANTITY	
		During the previous Financial Year 2021-22	During the Current Financial Year 2022-23
(a)	<u>FROM PROCESS:</u>		
I)	Overburden	4.75 Lac M ³	6.46 Lac M ³
II)	Tailings	0.624 Lac Tons	0.624 Lac Tons
(b)	Qty. Recycled/or reutilized within the Unit Sold	NIL	NIL
(c)	Disposed – Overburden	4.75 Lac M ³	6.46 Lac M ³
	Disposed - Tailings	0.624 Lac Tons	0.603 Lac Tons

(PART – F)

Please specify the characteristics (in terms of composition and quantity) of Hazardous as well as Solid wastes and indicate disposal practice adopted for both these categories of wastes.

Sl.No.	Name of Hazardous/ Solid Wastes	Composition	Quantity	Disposal Practice
a) i)	<u>HAZARDOUS WASTES:</u> Filter & filter materials containing oil	-	0.52 Tons	Filter materials generated during repairing & maintenance of vehicles are being stored of in an impervious lined pit
ii)	Used Oil/Waste oil	-	2.99 Tons	Used oil/waste oil from vehicles & transformers have been collected in barrels and kept under a covered shed to sell to a Regd. Authorized Dealer.
iii)	ETP Sludge		10.17 Tons	ETP sludge is being disposed of in impervious lined pit for onward disposed to authorized agency by SPCB.
iv)	Empty Barrel		14 Nos(0.14MT)	Used As Captive reuse as per guidelines inside the mines (11 from current year & 3 from opening balance)
b) i)	<u>SOLID WASTES:</u> Overburden	Laterite & weathered ultra-basic rock	6.46 Lac M ³	The solid wastes are generated as overburden is dumped in specified area of non-mineralized zones. After terracing and benching, massive afforestation is being carried out over these dumps.
ii)	Tailings	Sandy with Clay	0.603 Lac Tons	Tailings are being disposed of in Tailing Ponds after treatment with FeSO ₄ solution.

(PART – G)

IMPACT OF THE POLLUTION ABATEMENT MEASURES TAKEN ON CONSERVATION OF NATURAL RESOURCES AND ON THE COST OF PRODUCTION

- Fully utilization of Low Grade ore by Beneficiation, use of mine drainage water in beneficiation, recovery of tailing water & recirculation in beneficiation plant. Mine water discharge to outside after treatment.

(PART – H)

ADDITIONAL MEASURES/INVESTMENT PROPOSAL FOR ENVIRONMENTAL PROTECTION INCLUDING ABATEMENT OF POLLUTION, PREVENTION OF POLLUTION

- (a) Expense of Rs. 212.3 lakh during the year 2022-23 for environmental protection including abatement of pollution & prevention of pollution. Expenses and acknowledgment is Attached as **Annexure 3**

- (b) Action taken to monitor the Environmental Parameters Monitoring is being carried out for various Environmental parameters like air ,water , waste water & Noise Level on a regular level.
- (c) Online Ambient Air Quality Monitoring System (AAQMS) has been installed in the mines for continuous and real time monitoring of Various parameters like PM10 ,PM 2.5 , NOx , SO2, CO inside the mines. The photograph of same has been attached as **Annexure 4**
- (d) Effluent Quality Monitoring System (EQMS) has been installed inside the mines for continuous real time monitoring of ETP Inlet and Outlet Parameters like pH , TSS , Cr6+ .
- (e) Two Sewage Treatment Plant (STP) of Capacity of 20 KLD and 10 KLD has been installed inside mines for Treatment of Domestic Waste Water. The photo of the same has been attached as **Annexure 5**
- (f) Effluent Treatment Plant (ETP) of capacity 600 m3/hr has been installed inside our mines for treatment of mine seepage water and to safely discharge the treated water outside the mine premises. The details of the same has been attached with photo as **Annexure 6**

(PART – I)

ANY OTHER PARTICULARS FOR IMPROVING THE QUALITY OF THE ENVIRONMENT

Action taken for massive afforestation	Extensive plantation program has been done and shall be taken upon available spaces, on dumps, roads, and also surrounding areas. More than 2500 trees has been planted inside mines for better stability of dump and increase of green belt inside the mines.
Measures taken to control of the fugitive emission at different places of Mines.	In order to suppress the air borne dust from the haulage roads and mine roads, there are arrangements for water spraying system through water tankers and spraying of water is being done in regular intervals in both inside and outside of mine premises
Action taken for disposal of the excavated material not required for industrial purpose	The overburden waste which are not required for industrial purpose are dumped within the leasehold area at the earmarked site and terraced by forming benches and reclaimed with different plant species.
Method adopted for controlling of dust pollution due to drilling	<ul style="list-style-type: none"> Wet drilling is being practiced with a jet of water which is continuously directed at the cutting edge to suppress dust generation. The cutting tools are being regularly grinded to maintain its sharpness by cross checking against gauges. Compressed air pressure is being adequately supplied to the cutting tools. Drill cutting are being regularly cleaned
Method adopted for controlling of dust pollution due to blasting	Water spraying before & after blasting is being practiced to reduce the possible dust generation.
Action taken to remove Cr ⁺⁶ from Quarry pumped out water and surface runoff water.	An upgraded ETP is being operating to reduce Cr ⁺⁶ from Quarry pumped out water and surface runoff water by dosing FeSO ₄ solution. Also enhanced the ETP capacity from 400 KL/Hr to 600 KL/hr for higher amount of water Treatment of mine discharge water.

	भारत सरकार Govt. of India श्रम एवं रोजगार मंत्रालय Ministry of Labour & Employment रतान सुरक्षा मडानिवेशालय Directorate-General of Mines Safety	
NO: 180020|SEZ|Bhubaneswar Region|Exemp|2021|8922		Date: 28/05/2021

From

Director of Mines Safety,
Bhubaneswar Region

To

Agent,
Ostapal Chromite Mine,
M/s Ferro Alloys Corporation Limited,
P.O. Kaliapani,
Dist: Jajpur (Odisha)- 755047.

Subject: Permission under Regulation 106(2)(b) of the Metalliferous Mines Regulations, 1961 for using Heavy Earth Moving Machineries (HEMMs) in conjunction with deep hole blasting at Ostapal Chromite Mine of M/s Ferro Alloys Corporation Limited.

Sir,

Please refer to your application no.142526 dated 23.03.2021 and plans/sections submitted therewith, on the above subject.

The matter has since been examined on the basis of information furnished in your application under reference and as shown on the plans and sections submitted by you.

In exercise of the powers conferred on the Chief Inspector of Mines (also designated as Director-General of Mines Safety) under the provisions of Regulations 106(2)(b) of the Metalliferous Mines Regulations, 1961 and by virtue of authorisation granted to me by the Chief Inspector of Mines (also designated as Director-General of Mines Safety) under Section 6(1) of the Mines Act, 1952, I, in supersession of permission granted earlier on the above subject, hereby permit you to work Ostapal Chromite Mine of M/s Ferro Alloys Corporation Limited, by deployment of Heavy Earth Moving Machineries (HEMMs) in conjunction with deep hole blasting within the mine boundary as marked by points A, A/1, B, B/1, C, C/1, C/2, D, D/1, D/2, D/3, D/4, D/5, D/6, D/7, D/8, D/9, E, E/1, E/2, E/3, E/4 & closes at A on plan No. OCM/SP-2/3/DGMS/02/2021 dated 28.02.2021 subject to the conditions as stipulated herein, being strictly complied with:

1.0 GENERAL:

1.1 Except where otherwise provided for in this conditional permission, all Provisions of the Metalliferous Mines Regulations, 1961 shall be strictly complied with.

1.2 Safety Management Plan shall be prepared and maintained as per the DGMS Circular No. 05 of 2016.

1.3 No working shall be made or extended within 45 m of any building/structure of permanent nature, not belonging to owner of the mine without permission in writing from this Directorate under Regulation 109 of the Metalliferous Mines Regulations, 1961.

1.4 No deep hole blasting shall be done within 300m of any surface buildings, structures, public roads, etc, not belonging to the owner unless separate permission under relevant Regulation 164 of Metalliferous Mines Regulations, 1961 is obtained from this Directorate. Owners of structures and dwellings, not belonging to the owner of the mine and habitants/occupants of such dwellings/buildings shall be indemnified against damage to property/injury to persons, if any, arising out of blasting operations.

1.5 The mine shall be kept under the charge of a person holding First Class Manager's Certificate of Competency under the Metalliferous Mines Regulations, 1961, who shall be assisted by adequate number of Assistant Managers, Surveyors, Foremen, Mining Mates and Engineers as per the said Regulations. The manager shall exercise daily personal supervision in the mine and he shall not take up any appointment in any capacity whatsoever in another mine. Where by reason of absence or for any other reason the Manager is unable to exercise daily personal supervision, a person holding a valid Manager's Certificate shall be authorized to act as Manager of the Mine in compliance with Regulation 34(7) and if no such qualified person is available, the mine workings shall be kept suspended.

1.6 No person shall be employed in the mine unless his attendance is recorded in the registers maintained in prescribed Form at the time when the person, against whom the entry is made, enters or leaves the mine as required under Section 48 of the Mines Act, 1952 and Rule 78 of the Mines Rules, 1955 read with DGMS Circular No.01 of 2017. The entries in the Form shall be made at suitable points in the premises of the mine at reasonable distance from work place by a person who is paid by the Owner or the Agent and is answerable to the Manager and not by a contractor's employee.

1.7 No work whatsoever shall be done where the provision of Regulation 127 of the Metalliferous Mines Regulations, 1961 are attracted due to the presence of river, jore, reservoir and nallah in the vicinity. The entire ground lying within 15.0 m of HFL of all the rivers, nallas, water reservoirs and jores shall be filled up and raised and consolidated to a R.L. of at least 3.0m above the highest flood level.

1.8 Emergency Management Plan shall be prepared and implemented as per the DGMS (Tech.) (S&T) Circular No. 08 of 2016.

2.0 OPENCAST WORKINGS:

2.1 Height and Width of Benches: