

# CENTRAL COALFIELDS LIMITED

OFFICE OF THE PROJECT OFFICER

URIMARI OPENCAST PROJECT

(BARKA-SAYAL AREA)

P.O. : Urimari, Dist: Hazaribagh, Pin- 825311 (JHARKHAND)

Ref. No: P.O(U)/Environment/2021/4067

Dated. 24-12-2021

To,  
Regional office (ECZ)-MOEF&CC  
Bungalow No. A-2, Shyamali colony  
Ranchi - 834002

**Sub: Submission of Six-Monthly compliance report for the period April-2021 to September- 2021.**

Dear Sir,

Enclosed please find herewith the Six-Monthly Compliance report with respect to Urimari Expansion OCP, Barka-Sayal Area for the Period **April-2021 to September- 2021.**

*RL*  
*24/12.21*

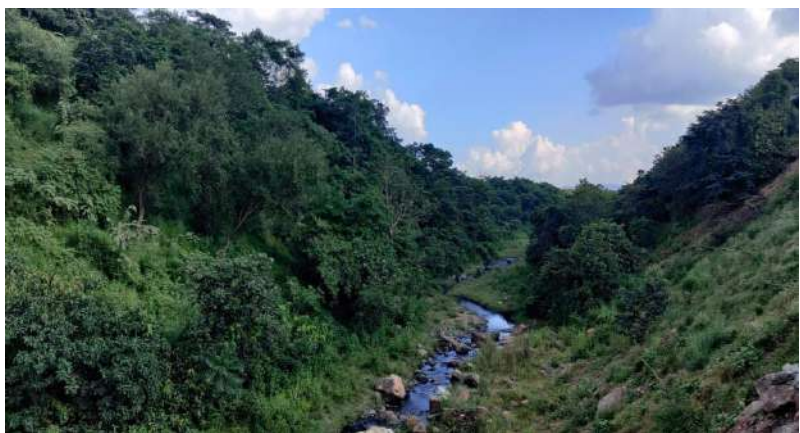
Project Officer  
Urimari OCP






Copy to:

- 1.Member Secretary, Head office-Jharkhand state pollution control board, H.E.C, Dhurwa, Ranchi-834004
- 2.Regional office- JSPCB, P.T.C. chock, Matwari Road, Hazaribagh-825310
- 3.H.O.D (Environment), CCL, HQ, Ranchi
- 4.The Nodal officer(E&F), Barka-Sayal Area

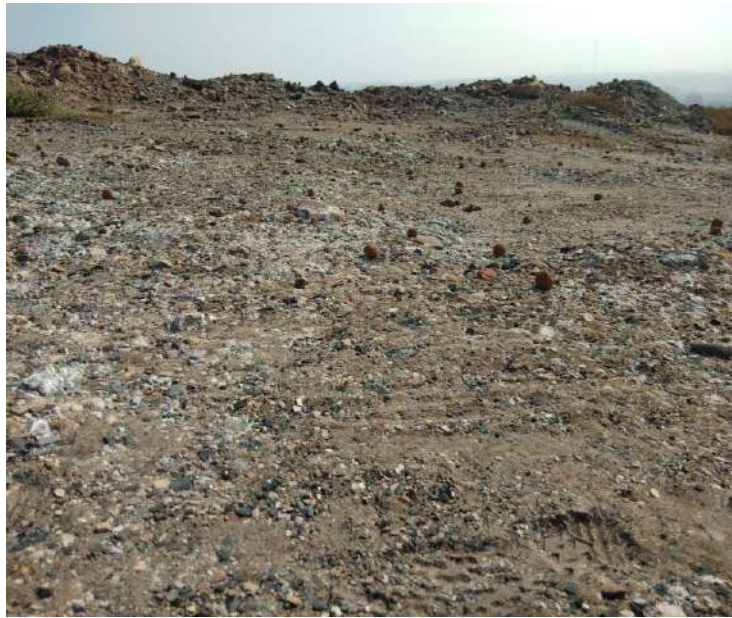
**Compliance of specified condition (EC No.J-11015/369/2007-1A.II(M) Dt.16.2.2011)**

Sl	Condition	Compliance
1.	Peak production of the mine shall not exceed 2.5 MTPA, without prior environmental clearance.	2.5 MTPA peak production has not exceeded as per condition. Last five years production 2015-16: - 1252030 Te. 2016-17: - 1200802 Te. 2017-18: - 1202190 Te. 2018-19: - 1215038 Te. 2019-20: - 1042030 Te. 2020-21: - 1008260 Te.
2.	Mining shall be carried out as per statuettes from River Damodar and Tillaya Nala flowing within the lease and maintaining a safe distance from the river/ Nalas flowing along the lease boundary.	Mining operation is within the lease hold area and maintaining safe distance from River/Nala. It is 200 Mtr away from Damodar River and 100 mtr. from Tilaya nala. Necessary steps are being taken so that flow of potanga nala will not be hampered. These are more than 20 years old OB dump along Potanga nala and are densely afforested. 
3.	The diversion of Tilaya Nala flowing the ML boundary shall ensure that the nala regions to its original course at the ML boundary. The slopes of the diverted canal shall be established with plantation using native species selected from the study area.	Tilaya Nala is to be diverted towards west, but it is not yet diverted. It will be diverted as per requirement.
4.	No Washery shall be established within the ML without prior environmental clearance from this Ministry.	There is no washery within the lease hold area. As on date there is no scheme for installation of washery within lease hold area.
5.	Topsoil shall be stacked properly with proper slope at earmarked site(s) and shall not be kept active	The topsoil is being stacked and properly maintained for reclamation and development of greenbelt. It is also used in the plantation on OB dump area.

<p>and shall be used within a year of its generation for reclamation and development of green belt.</p>	
<p>6. The entire OB of 42.93 Mcum generation during the balance life of the project shall be backfilled and no new external OB dump shall be created.</p>	<p>All the O.B since grant of EC is internally dumped in the de-coaled area.</p>  <p style="text-align: center;">View of internal dump from pit bottom.</p>  <p style="text-align: center;">View of internal dump from quarry boundary</p>
<p>7. Monitoring and management of existing reclaimed dump site shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment and Forests</p>	<p>Monitoring and management of existing reclaimed dump site is maintained for self – sustaining for vegetation. Plantation is being done by state forest department. Year wise plantation record is attached herewith.</p>

and its Regional office located at Bhubaneswar on yearly basis.

Sl. No.	Year of Plantation	Area of Plantation in Hectare	Nos of Plants Planted	Payment made in (Rs.)
1.	2006	7.25	16313	524720.00
2.	2007	14.00	31500	494540.00
3.	2008	11.00	24750	864210.00
4.	2010	6.00	13500	643250.00
5.	2011	4.00	9000	510070.00
6.	2013	10.00	22500	1275175.00
7.	2020	12.00 (Grass Seedball) +1.0	5,00,000 (Grass Seedballs) + 600	450000.00
	TOTAL	65.25	118163	4761965.00



2021-22:

1. **5 Ha** Seed ball Plantation of grass done. Award of work attached as **Annexure I**.

During monsoon 2021, seedball plantation over 5 Ha of internal dump is under progress. During monsoon-2020, 12 Ha seedball plantation was also carried out.

The photos of seedball preparation and plantation is given below:





**Germination of seeds from the seedball spread in Monsoon -2020:**





2. **10,000** tree saplings planted over **4.1 Ha** area as safety zone plantation. **Award of work attached as Annexure II**
3. **200** trees saplings planted with tree guards around coal stock yard. Award of work **attached as Annexure III.**

Plan for 2022-23

- 1) **40 ha** to be planted within Urimari OCP's acquired area. Regarding this scheme has been submitted by RCCF Hazaribagh vide letter no 2423 dated 15.12.2021 to CCL and work will be awarded soon for 2022 Monson plantation to forest department, Government of Jharkhand. Estimated cost – **Rs 1,21,59,517.00.**

8. Catch drains and siltation ponds of appropriate size shall be constructed to arrest silt and sediment flow from soil, OB and mineral dumps. The water so collected shall be utilized for watering of the mine area, roads, and green belt development etc. The drains shall be regularly desilted and maintained properly.

Catch Drain: 2400 m done.  
Catch Drains of dimension 1200 m X 1.4 m X 1.2 m constructed along the old external and reclaimed OB Dump



Eight sedimentation ponds constructed all over the projects to arrest silt.







2021- Catch drain and Pucca Sedimentation constructed. Award of Work attached as **Annexure IV.**



**Above sedimentation tank has been made pucca as shown below.**



9.	<p>Garland drain (size, gradient and length) and sump capacity shall be designed keeping 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate rotation period to allow proper settling of silt material.</p>	<p>Garland drain 2 km length around the quarry and have one sump of capacity 15-20 lakh gallon. They are built keeping in mind 50% safety margin.</p> 
10.	<p>Dimension of retaining wall at the toe of the dumps and OB benches within the mine to check run-off and siltation shall be based on the rainfall data.</p>	<p>Retaining walls have been constructed around O.B dump. 1000 m toe wall had been constructed.</p> 

11. Coal benches of 7575 TPD coal from the mine for the expansion project shall be from a railway siding of North Urimari OCP, located at a distance of 2-3 KM, which is under construction which would be used for rail dispatch, Mineral transportation by road from mine to CHP and to North Urimari Railway Siding shall use truck of minimum capacity of 20-T, All internal road and approach roads, and road for colony shall be black topped. A 3-tire green belt shall be developed at the Railway Siding of Central Saunda and North Urimari also.

All road mentioned are black topped.




All trucks used for transportation of coal are either of 26 Te or 32 Te.  
North Urimari Railway Siding is under construction.



Currently coal is being transported to Saunda B Railway Siding. This Siding has fixed type water sprinklers (26 Spray guns), Green curtain all around and 3 Tier green belts developed.



		<p>The coal is crushed to (-) 100 mm size in feeder breaker installed at Urimari OCP; these are then transported to railway siding for further dispatch by rail.</p> <p style="text-align: center;"><b>Photos of Feeder Breaker with sprinkler arrangement:</b></p>  <p>Additional fixed sprinklers to augment dust suppression measures will be installed around Feeder Breaker and Coal Stockyard at a cost of Rs 25,82,960.54. It will have 23 single nozzle sprinklers having discharge capacity of 5.5 cum/hr and a radius of coverage of 15-17 m. NIT Copy is attached as <b>Annexure V</b>. Technical scrutiny is under final stage and work will be awarded within 15 days.</p>
12.	<p>High efficiency water sprinkling system provided to check fugitive emission at the transfer points, haulage roads etc shall be provided for crushing/loading operation for dust control at the CHP.</p>	<p>Water spraying on the road between mine and railway siding and coal stock yard is being done regularly.</p> <ol style="list-style-type: none"> <li>1. Overhead tank used with 2-inch perforated pipe over drum which is used at transfer point of crushers.</li> <li>2. 2 Two Tankers of 28 KL each is used as mobile sprinkler over haul road and transport road.</li> </ol> <p>Fixed sprinklers to augment dust suppression measures will be installed around Feeder Breaker and Coal Stockyard at a cost of Rs 25,82,960.54. It will have 23 single nozzle sprinklers having discharge capacity of 5.5 cum/hr and a radius of coverage of 15-17 m. NIT Copy is attached as <b>Annexure V</b>. Technical scrutiny is under final stage and work will be awarded within 15 days.</p>
13.	<p>Drill shall be wet operated only.</p>	<p>Drilling is wet operated.</p>



14. Controlled blasting shall be practiced with use of delay detonators. The mitigative measures for control of ground vibrations and to arrest the

Controlled blasting is done by using nonel, delay detonator etc. Sand bags and wire netting is also used wherever required.

	fly rocks and boulders shall be implemented.																					
15.	<p>A progressive mine closure plan shall be implemented whereby, of the total ML area of 243.09 ha, an area not less than 190.13 ha shall be reclaimed with plantation consisting of quarry area (100.59 ha), quarry batter (24.02 ha), are where no external OB dump is now planned (19.86 ha), road (5 ha), embankment (3.3 ha), near infrastructure (11.31 ha) and safety zone (26.05 ha).</p>	<p>Approximately 204 Ha of afforestation has been done since the commencement of the project in the Urimari leasehold.</p> <table border="1" data-bbox="667 279 1421 598"> <thead> <tr> <th>Urimari OCP</th> <th>Total Afforestation (Ha)</th> </tr> </thead> <tbody> <tr> <td>Internal OB Dump</td> <td>10</td> </tr> <tr> <td>External OB Dump</td> <td>34.25</td> </tr> <tr> <td>Road</td> <td>5</td> </tr> <tr> <td>Others/Blanks</td> <td>155.2</td> </tr> <tr> <td>Total</td> <td>204.45</td> </tr> </tbody> </table> <p>The total area of safety zone is 26.05 Ha, which contains 17 Ha of natural forest/vegetation. Remaining 9.05 Ha of safety zone was afforested in the year 2011-12. The details are given at Table: 2 below:</p> <table border="1" data-bbox="522 781 1565 1287"> <thead> <tr> <th>Total Safety Zone (in Ha)</th> <th>Area of Natural Forest /Vegetation (Ha)</th> <th>Area of Afforestation in the year 2011-12(Ha)</th> <th>Remark</th> </tr> </thead> <tbody> <tr> <td>26.05</td> <td>17</td> <td>9.05</td> <td>Afforestation over 9.05 Ha was carried out by State Forest Department in the year 2011-12. Thus the total area of 26.05 Ha of safety zone is covered with natural vegetation &amp; afforested area.</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>The Photographs of natural forest in Safety Zone (17 Ha) is shown below:</li> </ul>	Urimari OCP	Total Afforestation (Ha)	Internal OB Dump	10	External OB Dump	34.25	Road	5	Others/Blanks	155.2	Total	204.45	Total Safety Zone (in Ha)	Area of Natural Forest /Vegetation (Ha)	Area of Afforestation in the year 2011-12(Ha)	Remark	26.05	17	9.05	Afforestation over 9.05 Ha was carried out by State Forest Department in the year 2011-12. Thus the total area of 26.05 Ha of safety zone is covered with natural vegetation & afforested area.
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- The Photographs of afforestation done by Forest department in Safety Zone (9.05 Ha) is shown below:




- In addition, about 10,000 saplings have been planted over an area of 4.1 Ha during 2021 monsoon season at a cost of Rs. 2.10 Lakh.
- Photographs are given below:







16.	<p>A final mine closure plan shall be implemented by reclamation of 165 ha of the total quarry area of 125.34 ha shall afforested planting native plant species in consultation with the local DFO/Agriculture Department/Relevant Institution. The density of tree shall be around 2500 plants per ha. A water body of 39.66 ha of a maximum depth of 40-50 m is to be left at the post mining stage, the upper sides of which shall be gently slopped and established with plantation of species found in the original ecosystem.</p>	<p>Final mine closure plan shall be implemented once the mine will be closed and before the final closure as per guidelines.</p>
17.	<p>No groundwater (bore well) shall be used for mining operations except of drinking (Mine and in colony), Rain water harvesting structure include check dams for recharge of ground water shall be erected within and around the ML in case the water table shows a declining trend. Additional water if any required during mining operation shall be met from mine sump water or from rainwater.</p>	<p>For drinking purpose there are 12 boreholes. No ground water is being used for mining purpose. The roof top rain water harvesting has been done at Urimari P.O Office. Check dam is built on natural system.</p> 



18. Regular monitoring of ground water level and quality shall be carried out by establishing a network of existing wells and construction of new piezometers. the monitoring for quantity shall be done four times a year in pre-monsoon (May), monsoon (August), post monsoon (November) and winter (January) seasons and for quality in May. Data thus collected shall be submitted in the Ministry of Environment and Forest and to the Central Pollution Control Board quarterly within one month of monitoring.

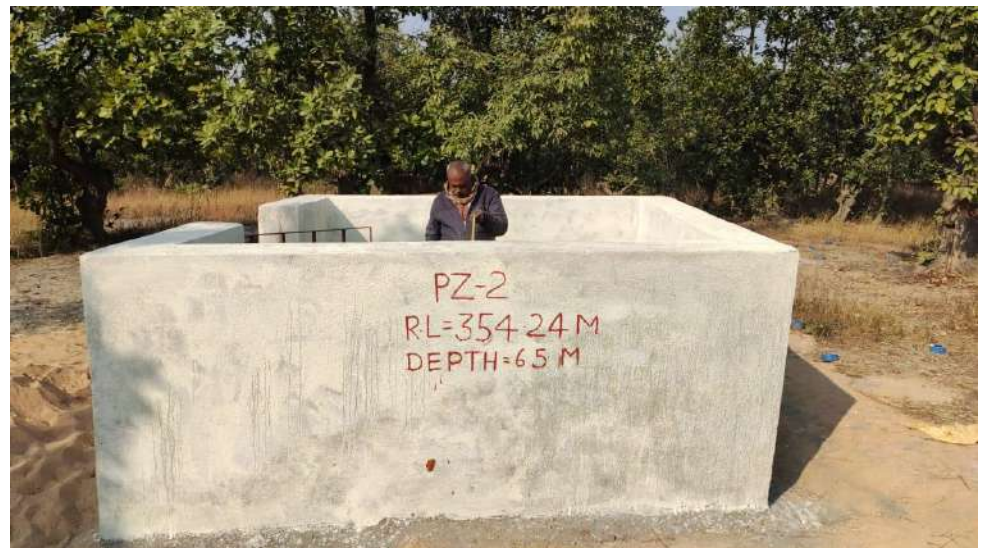
The test report for quarterly up to June, 2021 and Sept 2021 is enclosed as **Annexure VI**.

Work has been awarded for piezometer installation at three sites of Urimari OCP and work has been completed. Copy of award of work is being attached as **Annexure VII**.

**PZ1**



**PZ2**





**PZ3**





Additionally ground water monitoring is also done through series of wells.

<p>19. The project authority shall meet water requirement of nearby village(s) in case of village well go dry due to dewatering of mine.</p>	<p>Through water tanker, 1 lakh liter /day to 7 villages near-by in summer. The water is being supplied by providing 02 Nos of water tanker to cater the water demand in nearby villages.</p>
<p>20. Sewage treatment plant of adequate capacity shall be installed in the colony. ETP shall also be provided for workshop and CHP wastewater. Treated wastewater meeting prescribed norms only shall be permitted to</p>	<p>There is no S.T.P for colony. We have soak pit, septic tank and inspection chamber. E.T.P is in working condition in Base Work Shop Urimari Project.  Work awarded for increasing the capacity of tank of Oil and Grease trap and construction sedimentation pond at the workshop. Copy of award of work is attached as <b>Annexure VIII. Work has been completed.</b></p>

	be discharged in to the natural water courses.	
21.	Besides carrying out regular periodic health checkup of workers, 10% of the workers identified from workforce engaged in active mining operations shall be subjected to third party health checkup for occupational diseases and hearing impairment, if any, through a medical institution/hospital in the district/state.	As per mines rule: - 1. At the time of recruitment – Initial Med. Examination (IME). 2. Periodical Medical Examination (PME) – every five year if age less than 45 years and every 3 year if age is greater than 45 years. PME camp for workers is regularly convened. Target achieved is 100%.
22.	The impact of CSR and R&R shall be assessed every year 3 years on basis of socio-economic and quality of life parameters such as the UNDP Human Development Index and furnished as part of the Monitoring report, R&R shall be compensated as per norms not below that laid out under the National/State Govt. R&R policy. A revenue expenditure of Rs. 5/tonne of coal shall be earmarks of CSR. The details of expenditure and various activities shall be forms part of the annual report of the company and shall uploaded on the company website and updated at least once a year.	Work done under CSR in villages in and around Urimari OCP is attached as <b>Annexure XI</b> . CSR policy of CIL is attached as <b>Annexure XII</b> .
23.	For monitoring land use pattern and for post mining land use, a time series of land use maps, based on satellite imagery (on a scale of 1:5000) of the core zone and buffer zone, from the start of the project until end of mine life shall be prepared once in three years (for any one particulars session which	This is being done by CMPDIL for monitoring land use pattern and for post mining land use, a time series of land use maps, based on satellite imagery (on a scale of 1:5000) of the core zone and buffer zone, from the start of the project until end of mine life shall be prepared once in three years (for any one particulars session which is consistent in the time series),and report submitted to MOEF and its regional office at Bhubaneswar (Now at Ranchi). Latest report for year 2020 is being attached as <b>Annexure X</b> .


	is consistent in the time series), and report submitted to MOEF and its regional office at Bhubaneswar.	
24.	A final mine closure plan along with details of Corpus Fund shall be submitted to the Ministry of Environment & Forest 5 Years in advance of final Mine closure for approval.	Will be done at appropriate time as per guide line from government. Mine Closure plan has been prepared and approved vide no. DGM/HOD/E&F/2013/1521-28, dated 05.11.2013 for Rs. 2097.14 Lakhs.

### Compliance of General Conditions

Sl	Condition	Compliance
1.	No change in technology and scope of working shall be made without prior approval of the Ministry of Environment and Forest.	There is no change of technology for scope of work.
2.	No change in the calendar plan including quantum of mineral coal and waste being produced shall be made.	There is no change in calendar plan and quantum of mineral coal.
3.	Four ambient air quality monitoring station shall be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SOX and NOX. Location of the station shall be decided based on the meteorological data features and environmentally and ecologically targets in consultation with the State Pollution Control Board. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, in particulates shall be carried out at least once in six months.	Four ambient air quality monitoring station are stabilized for maintaining the level of ambient. The monitoring report for the Quarter ending June 2021 and September 2021 is enclosed as <b>Annexure VI</b> . Monitoring is being done at 1. Urimari DAV School 2. Urimari Rest House. 3. Jarjara Colony 4. P.O. Office  Heavy metals monitoring along with night time noise monitoring is attached as <b>Annexure IX</b> .
4.	Data on ambient air quality (PM10, PM2.5, SOX and NOX and heavy metals such as Hg, As, Ni, Cd, Cr etc) and other monitoring data shall be regularly submitted to the Ministry including its Regional office at Bhubaneswar and to the state Pollution Central Board and central Pollution Control Board once in six months. Random verification of samples through analysis from independent laboratories recognized under the EP Rules,1986 shall be furnished as part of the compliance report.	Data on ambient air quality is compiled regularly. Monitoring and data thereof is submitted to JSPCB. Test paper is being enclosed. The monitoring report for the quarter ending June 2021 and September 2021 is enclosed as <b>Annexure VI</b> .
5.	Adequate measures shall be taken for control of noise level below 85 dBA in	Periodic monitoring of noise level is done and kept into 85 dBA below. The monitoring report for the Quarter ending June 2021 and September



	<p>the work environment. Workers engaged in the blasting and drilling operation, operation of HEMM etc shall be provided with ear plug/muffs.</p>	<p>2021 is enclosed as <b>Annexure VI</b>. Heavy metals monitoring along with night time noise monitoring is attached as <b>Annexure IX</b>.</p>
<p>6.</p>	<p>Industrial wastewater (workshop and wastewater from the mine) shall be properly collected, and treated so as to confirmed to the standards including for heavy metals before discharge prescribed under GSR 422(E) dated 19<sup>th</sup> May 1993 and 31<sup>st</sup> December 1993 or as amended from time to time. Oil and grease tap shall be installed before discharge of workshop effluents.</p>	<p>For industrial and waste water zero discharge oils, grease tap has been constructed to arrest the pollutant and to avoid land degradation and contamination of water body.</p> 
<p>7.</p>	<p>Vehicular emission shall be kept under control and regularly monitored. Vehicle used for transportation of the mineral shall be covered with tarpaulins and optimally loaded.</p>	<p>All measures are taken to keep the vehicular emission under permissible limit by closed monitoring of vehicle and by regular checking. Transportation vehicles are well covered by tarpaulin to keep the SPM within permissible limit.</p>

		
8.	<p>Monitoring of environmental parameters shall be carried out through establishment of adequate number and type of pollution monitoring and analysis equipment in consultation with the State Pollution Control Board and data got analyzed through a laboratory recognized under EP Rules,1986.</p>	<p>Monitoring of environmental quality parameter analysed by equipment as per guide line of E.P rule 1986. It is done by CMPDI, an approved laboratory.</p>
9.	<p>Personnel working in dusty areas shall wear protective respiratory device and they shall also be provided with adequate training and information on safety health aspects. Occupational health surveillance programme of worker shall be undertaken periodically to observe any contraction due to exposure to dust and to take corrective measure, if need.</p>	<p>Periodic check-up is carried out accordingly by corrective measure is done. Target achieved 100% for PME. Lung function test is also done.</p>
10.	<p>A separate environmental management cell with suitable qualified personnel shall be set up under the control of senior executive, who will report directly to the head of the company.</p>	<p>1. Environmental management cell is headed by project officer. 2.The project Environmental officer is the civil engineer, who is looking after all the environmental job of the project assisted by sub ordinate engineer (c) and other staff. At area level there is an area Nodal officer (environment) under SO (P&amp;P) who is looking after environmental activities of the area. The environmental monitoring work is being done by CMPDI, Ranchi.</p>
11.	<p>The funds embankment for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be report to this Ministry and its regional office at Bhubaneswar.</p>	<p>In the year 2021-22 following work will be completed or is completed:</p> <ol style="list-style-type: none"> <li>1. Grassing through seedball on old OB dump (5 Ha Area). Completed. Cost – Rs 1,84,782.69.</li> <li>2. Piezometer installed. Cost – Rs 7,30,339.52</li> <li>3. Construction of sedimentation pond and increasing the depth of Oil and Grease trap tank will be completed before August 2021. Work completed. Expected cost – Rs 3,36,001.16.</li> <li>4. Sedimentation pond and catch drain completed. Cost Rs 5,64,037.57.</li> </ol>

		<p>5. 10,000 tree saplings will be planted over 4.1 Ha area adjoining safety zone. Plantation Completed. Rs 2,10,225 for procurement of saplings.</p> <p>6. 200 plants with tree guards around coal stock yard. Completed. Expected cost – Rs 2,49,391.29.</p> <p>7. Monitoring of environmental parameters. Expected cost for FY 2021-22- Rs 40,00,000.</p> <p>8. Fixed water sprinkler around coal stockyard will be completed before January 2022. NIT done and technical scrutiny going on. Work will be awarded very soon. Expected cost – Rs 25,82,960.54.</p> <p>9. Approximate expected Cost of operation of 2 28 kl water tankers for water sprinkling purpose- 2,00,00,000.</p> <p>Total for 2021-22 = Expected expenditure in pollution control measures- <b>Rs 2,88,57,737.7</b></p> <p>Other cost incurred are i) Cost under Mine Closure Plan etc.</p>
12.	The Project authority shall advertise at in two local newspaper widely circulated around the project, one of which shall be in the vernacular language of the locality concerned within seven day of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and may also be seen at the website of ministry of Environment & Forest at <a href="http://envfor.nic.in">http://envfor.nic.in</a>	Newspaper advertisement was done but record was not able to be traced. So, a fresh advertisement has been done. The copy of the advertisement is attached as <b>Annexure XIII</b> .
13.	A copy of the environmental clearance letter also be marked to concerned Panchayat /Zila parishad, Municipal corporation or urban local body and local NGO, if any, from whom any suggestion /representation has been received while processing the proposal. A copy of clearance letter shall also be displayed on the company's website.	EC Letter is available at <a href="http://www.ccl.gov.in">www.ccl.gov.in</a> .
14.	A copy of the clearance letter shall be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the regional office, District Industry Center and Collectors office /Tahsildar office for 30 days.	Complied
15.	The clearance letter shall be uploaded on the company's website. The compliance status of the stipulated EC condition shall also be uploaded by the project authorities on their website and	Six monthly compliance is regularly submitted to regional office, MOEF, Bhubaneshwar (Now Ranchi) & Member Secretary, JSPCB. Ranchi.

	updated at least once every six months so as to bring the same in the public domain. The monitoring data of environmental quality parameters (air, water, noise and soil) and critical pollutants such as PM10, PM2.5, SO2, NOx (ambient) and critical sartorial parameters shall also be displayed at the entrance of the project premises and mine office and in corporate office and on the company's website.	
16.	The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance condition (both in hard copy and in e-mail) to the respective regional office of the MOEF, the respective Zonal offices of CPCB and SPCB.	Six monthly compliance is regularly submitted to regional office, MOEF, Bhubaneshwar (Now Ranchi) & Member Secretary, JSPCB. Ranchi.
17.	The regional office of this Ministry located at Bhubaneshwar shall monitor compliance of the stipulated conditions. The project authorities shall extend full cooperation to the office(s) of the Regional Office by furnishing the requisite data/information /monitoring reports.	Full cooperation to the officer (s) of the Regional office by furnishing requisite data / information /monitoring reports will be extended.
18.	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form –V is mandated to be submitted by the project proponent to the concerned state Pollution Control Board as prescribed under the Environment (Protection) Rule, 1986, as amended subsequently, shall also be uploaded on the company's website along with the status of compliance of EC conditions and shall be sent to the respective regional office of the MOEF by e-mail.	The Environmental Statement for the year 2020-21 has been submitted to the Member secretary JSPCB. It has also been uploaded on CCL website.

**Project Officer**  
**Urimari Opencast Project**

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18.	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form -V is mandated to be submitted by the project proponent to the concerned state Pollution Control Board as prescribed under the Environment (Protection) Rule, 1986, as amended subsequently, shall also be uploaded on the company's website along with the status of compliance of EC conditions and shall be sent to the respective regional office of the MOEF by e-mail.	The Environmental Statement for the year 2020-21 has been submitted to the Member secretary JSPCB. It has also been uploaded on CCL website.

  
 P/L  
 24.11.21  
**Project Officer**  
**Urimari Opencast Project**



(CENTRAL COALFIELDS LIMITED)  
(Aminiratna Cat of Company)  
OFFICE OF THE GENERAL MANAGER (B-S)  
BARKA - SAYAL AREA



Ref. No: CCL / Barka-Sayal / Urimari Proj. / Civil / AOW / 21-22 / 1182

Dt. 07/07/21

Registered post/ Speed Post

To,  
M/S Rajpati Kumar  
At - P.O.- Urimari  
Hazaribagh (Jharkhand)  
Email Id- mk.kumar296@gmail.com  
Mobile No. 9431991728

PAN NO: BDHPK7992N

Sub:	Award of work for "Grassing on Old OB Dump of Potanga Quarry at Urimari OCP under Urimari Project. (Area 05 Hectare)".
Ref.:	e-NIT No. 06 of 2021-22, vide Ref. No. GM (BS) / Civil / Tender / 2021-22 / 12 dt. 07.05.2021, Bid submission end date on 20.05.2021, Auto Exten. Bid submission end date - 24.05.2021, Bid opening date 13.04.2021, Auto Exten. Bid opening date - 25.05.2021 (Tender ID No. 2021_CCL_205643_1)

Dear Sir,S

In response to your tender for the subject work mentioned above, this is to inform you that your offer for a contract amount of **Rs.1,84,782.69 (Rupees one lakh eighty four thousand seven hundred eighty two and paise sixty nine)** only inclusive of GST amount of **Rs.28,187.19 (Rupees twenty eight thousand one hundred eighty seven and paise nineteen)** and **Rs.1,56,595.50 (Rupees one lakh fifty six thousand five hundred ninety five and paise fifty)** only exclusive of GST amount [Input Tax Credit (ITC) not available] to undertake the work has been accepted by CCL, subject to the following stipulations / conditions which are supplementaries / complementaries to the conditions of the quotation documents: -

- The payment of GST and GST Compensation Cess by the service availer (i.e. CCL) to bidder/ contractor (If GST payable by bidder/ contractor) would be made only on the latter submitting a Bill/Invoice in accordance with the provision of relevant GST Act and the rules made there under and after online filing of valid return on GST portal. The payment of GST and GST Compensation Cess is responsibility of the Contractor.
- The period of completion of work shall be **30 (thirty)** days from expiry of 10 (Ten) days from the issue of this award of work or within 07 (Seven) days of handing over of the site, whichever is later.
- (a) EMD is not applicable for this tender.  
(b) You are required to deposit the total performance security money amount to **Rs.5,544.00 (Rupees five thousand five hundred forty four)** only i.e. 3% of the contract amount. In case the successful bidder fails to submit the Performance Security and within the stipulated time then the award of work shall be cancelled.

Additionally, the company shall **ban such defaulting contractor for a period of 02 (two years)** from being eligible to submit Bids in CIL and its subsidiaries from the date of issue of such letter.

This banning shall be done under the provisions of the NIT and online blocking of the bidder shall be done in CIL e-Procurement portal.

In case of JV/Partnership firm, the banning shall also be applicable to all individual partners of JV/Partnership firm.

- A copy of Bill of Quantity (BOQ) is enclosed for ready reference.
- There is no Abnormally Low Rate (ALR) item or no Abnormally High Rate (AHR) item in this work.
- Prevalent Standard General terms and conditions of Conditions of Contract of CCL for civil contracts shall be applicable for this work.

6/7/2021

o/c

7. All running on A/c bills shall be paid at 95% of the work value. The 5% deduction towards retention money will form Second Part of Security deposit and shall be refunded after issue of no defect certificate.
8. You shall comply with Contract Labour (Regulation and Abolition) Act and make payments to your workmen accordingly. In case you engage 10 & above labourers in the work on any working day you shall be required to submit registration certificate under the B.O.C.W. (RE&CS) Act 1996 and in case you engage 20 (Twenty) or more labourers in the work on any working day you shall be required to submit Labour license under Contract Labour (Regulation & Abolition) Act 1970 for the same.
9. You shall comply with CMPF/any other appropriate PF authority's clause of tender document and you will have to submit "No dues certificate" from Provident Fund Authority, Ministry of Labour, Govt. of India at Jharkhand before finalization of final bill.
10. Work shall be executed strictly as per specification in accordance with laid down norms of company.
11. You shall be responsible for arranging all necessary tests of materials as per instruction of Engineer-in-Charge at your own cost as per Prevalent Standard General terms and conditions of Conditions of Contract of CCL for civil contracts.
12. You shall make your own arrangement for all materials, tools, staff and labour required for the above work. The rates for the work include all taxes (excluding GST), octroi, carriage, tools etc. for execution and completion of work.
13. You shall arrange necessary water for the work & for your own establishment. However, if available and feasible the company may arrange water at one point near the work site for which recovery @ 1% (One percent) of the contract value of work done shall be made from your bills.
14. The technical personnel shall be engaged by you on work site as per terms and conditions of tender document.
15. You shall not employ on this contract any close relatives of CCL's employee.
16. Before clearance of final bill you will submit royalty clearance from concerned Mining Officer.
17. All investments, operating expenses, incidentals, overheads, lifts, carriages, tools and plants etc. as may be attendant upon execution and completion of works shall also be included in the rates, prices and total quotation offer price submitted by the bidder.
- 18. Input Tax Credit (ITC) is not available for this work.**
19. Your tax invoice raised must be in compliance of relevant GST Acts, Rules and notifications made thereunder and should bear the GSTIN of CCL. The rate and amount of IGST/CGST/SGST, GST (Compensation to State) cess (if any), related to execution of work shall be shown separately in Tax invoice.
20. The IGST/CGST/SGST and GST (Compensation to State) cess (if any), as applicable at the time of execution of the work, shall be paid extra against submission of proper tax invoice, as referred above by you so that CCL is able to avail Input tax Credit (If available) of such IGST/CGST/SGST, GST (Compensation to State) cess (if any) reflected in the invoice.
21. If the ITC claimed is disallowed due to failure on your part in incorporating the tax invoice issued to CCL in its relevant returns under GST, payment of IGST/CGST/SGST, GST (Compensation to State) cess (if any) shown in tax invoice to the tax authorities, issue of improper tax invoice or any other reason whatsoever, the applicable taxes and cess paid based on such tax invoice alongwith interest, penalties if any levied on CCL, shall be recovered from your current Bills and any other dues.
22. The amount of IGST/CGST/SGST and GST cess if any as indicated in Tax invoice shall be paid only when they appear in GSTR 2A of CCL and you have filed the valid return in accordance with provisions of the GST acts and Rules made thereunder.
23. In the event of any additional tax liabilities accruing on you due to classification issue or for any other reason the liability of CCL shall be restricted to the amount of GST charged on original tax invoice issued by you.
24. You shall pass on the benefit on account of reduction in rate of tax on any supply of goods and / or services or any benefit of the input tax credit to CCL by way of commensurate reduction in prices in terms of Anti profiteering clause of GST Act 2017.

6/7/2027

25. You are requested to submit the following for execution of Detail Work Order within **21 (twenty one)** days from the issue of this Award of Work: –
- An amount of **Rs.5,544.00 (Rupees five thousand five hundred forty four)** only towards Performance Security in the form given below:-
    - Govt. Securities or FDR duly pledged in favour of Central Coalfields Limited.
    - Demand Draft in favour of Central Coalfields Limited (BS), Barka-Sayal Area from any Scheduled Bank payable at SBI Saunda (Ramgarh)
  - Site handover and takeover certificate, jointly signed by Engineer-in-Charge and the Contractor/ authorized representative.
  - Time Bound Programme for completion of the work within stipulated time as per NIT showing physical progress of work duly signed by Engineer-in-Charge and the Contractor/authorized representative.
  - Registration under B.O.C.W. (RE&CS) Act and / or Labour License as per Contract Labour (Regulation & Abolition) Act and Insurance (if any) as per NIT before execution of detailed work order / any payment are made to you against this work.
  - You will have to submit undertaking on your letter head the company against any liability arising out of non-observance of the statutory provisions like royalty payments, all taxes, Workmen Compensation Act, Minimum Wages Act, Income Tax Act, Contract Labour (Regulation & Abolition) Act etc.
26. You are requested to contact the **Project Engineer (Civil) Urimari Project / Overseer (Civil), Urimari Project** for further needful action regarding execution of work.

Yours faithfully

*[Handwritten Signature]*  
6/7/22

**Staff officer (Civil)**  
Barka-sayal Area

**DISTRIBUTION:-**

- T.S to CVO, CCL HQ., Ranchi
- G.M. (B-S), Barka-Sayal Area
- A.F.M. (B-S), Barka-Sayal Area :-
- P.O. Urimari Project
- P.E. (Civil), Urimari Project
- Dy. Manager (F) Urimari Project
- Engg. Asstt. (C), Urimari Project
- Cashier, A.F.M. Office, B-S Sayal
- Office file

In reference to Budget Certification vide no. A. F.M (B-S) Concurrence under Rev. Budget. 2021-22 / vide no. G.M (BS) / OC / 004226 / URI / TCR / Saving / M/S Rajpati Kumar / 04 (A) dated- 01.07.2021 for **Rs.1,84,782.69** only (saving of Rs.22,838.31 only) ✓



सेंट्रल कोल्फील्ड्स लिमिटेड  
महाप्रबंधक कार्यालय, बरकासयल -  
पो.सयल - , जिलारामगढ़ - , पिन 829125 -  
फोन: 8987788558,  
ईमेल:- sominingbs@gmail.com



**CENTRAL COALFIELDS LIMITED**  
**OFFICE OF THE GENERAL MANAGER**  
Barka-Sayal Area, PO-Sayal, Distt.-Ramgarh  
Pin-829125 Jharkhand  
Mobile-8987788558 , Email :sominingbs@gmail.com

Ref. No.GM(BS)/Mining/LOA/Urimari/21/169

Date: 27.07.2021

To,  
**M/s. Hi-Tech Construction,**  
At -Sayal,  
Distt.-Ramgarh, (Jharkhand)  
e-mail: [ramesh.sayal5652@gmail.com](mailto:ramesh.sayal5652@gmail.com)  
Mob. No. 8825394561

PAN NO: AEDPK6851Q

**Sub: Letter of Acceptance.**

Ref: e-NIT No.GM(BS)/E&F/Tender/2021-22/87 dated 03.06.2021

Tender Id No. : 2021\_CCL\_208119\_1

Dear Sir,

This is to inform that your bid for the work of 'Procurement of 10000 tree saplings for safety zone plantation of Urimari OCP over an area of 4.1 Hectare including loading, transporting and unloading' for the contract value of **Rs.2,10,225.00** (Rupees two lakh ten thousand two hundred twenty five only) has been accepted by the competent authority.

The time of completion for the work shall be 15 (fifteen) days which shall be commenced on the expiry of 10(ten) days from the issue of Letter of Acceptance (LOA) or 7(seven) days after handing over the site of work, whichever is later.

You are further advised to furnish **Performance Security** deposit of **Rs.6307/-** (Rupees six thousand three hundred seven only) in the form as detailed in Clause No.4.2 of Conditions of Contract **within 21 days** of issue of this letter of acceptance and sign the contract, failing with the requirement as above shall constitute sufficient ground for cancellation of the LOA of work. In addition to the above the company shall ban such defaulting contractor for a period of 02 (two years) from being eligible to submit Bids in CIL and its subsidiaries from the date of issue of such letter.

All the terms and conditions of current Civil Engineering Manual will be applicable.

You are advised to contact Project Officer, Urimari to start the work under intimation to the Nodal Officer, E&F, Barka-Sayal Area/The undersigned. You are also advised to return a copy of the letter of acceptance duly signed and sealed as a token of your acceptance.

Yours faithfully,

**Staff Officer (Mining)**  
**Barka-Sayal Area**

1. The Project Officer, Urimari Project.
2. The Area Finance Manager, Barka-Sayal Area-This has in reference to Concurrence Under Revenue Budget 21-22 vide No. GM(BS)/004990/URI/TCR/Saving/M/s Hi-Tech Construction/48(A), dated 20.07.2021 for **Rs.2,10,225.00** only and saving of **Rs.39,775.00** only.
3. The Survey Officer, Urimari Project.
4. The Dy. Manager (F), Urimari Project.
5. Nodal Officer, E&F, Barka-Sayal Area.



(CENTRAL COALFIELDS LIMITED)  
(Aminiratna Cat of Company)  
OFFICE OF THE GENERAL MANAGER (B-S)  
BARKA – SAYAL AREA



Ref. No: CCL / Barka-Sayal / Urimari Proj. / Civil / AOW / 21-22 / 1675

Dt. 10.08.2021

Registered post/ Speed Post

To,  
Sanjay Kumar  
HOUSE NO-82 , DEVI MANDAP  
ROAD, OPPOSITE OFFICERS BANK  
COLONY, HESAL, HEHAL , RANCHI,  
JHARKHAND  
Email Id- jayjaydurgaagency@gmail.com  
Mobile No. 9835111078

PAN NO: AOGPK4020C

Sub:	Award of work for "Plantation around Coal Stock at Urimari OCP under Urimari Project".
Ref.:	e-NIT No. 03 of 2021-22, vide Ref. No. GM (BS) / Civil / Tender / 2021-22 / 06 dt..30.04.2021, Bid submission end date on 15.05.2021, Bid opening date 17.05.2021. (Tender ID No. 2021_CCL_204967_1)

Dear Sir,S

In response to your tender for the subject work mentioned above, this is to inform you that your offer for a contract amount of **Rs.2,49,391.29 (Rupees two lakh forty nine thousand three hundred ninety one and paise twenty nine)** only exclusive of GST. L-1 is unregistered GST bidder, hence, GST amount is Nil, and total contract value is **Rs.2,49,391.29 (Rupees two lakh forty nine thousand three hundred ninety one and paise twenty nine)** only exclusive of GST amount [Input Tax Credit (ITC) is available] to undertake the work has been accepted by CCL, subject to the following stipulations / conditions which are supplementaries / complementaries to the conditions of the quotation documents: –

1. The payment of GST and GST Compensation Cess by the service availer (i.e. CCL) to bidder/ contractor (If GST payable by bidder/ contractor) would be made only on the latter submitting a Bill/Invoice in accordance with the provision of relevant GST Act and the rules made there under and after online filing of valid return on GST portal. The payment of GST and GST Compensation Cess is responsibility of the Contractor.
2. The period of completion of work shall be **150 (one hundred fifty)** days from expiry of 10 (Ten) days from the issue of this award of work or within 07 (Seven) days of handing over of the site, whichever is later.
3. (a) EMD is not applicable for this tender.  
(b) You are required to deposit the total performance security money amount to **Rs.7,482.00 (Rupees seven thousand four hundred eighty two)** only i.e. 3% of the contract amount. In case the successful bidder fails to submit the Performance Security and within the stipulated time then the award of work shall be cancelled.

Additionally, the company shall **ban such defaulting contractor for a period of 02 (two years)** from being eligible to submit Bids in CIL and its subsidiaries from the date of issue of such letter.

This banning shall be done under the provisions of the NIT and online blocking of the bidder shall be done in CIL e-Procurement portal.

In case of JV/Partnership firm, the banning shall also be applicable to all individual partners of JV/Partnership firm.

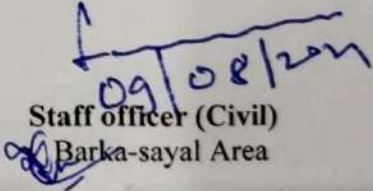
4. A copy of Bill of Quantity (BOQ) is enclosed for ready reference.
5. There is no Abnormally Low Rate (ALR) item or no Abnormally High Rate (AHR) item in this work.

09/08/2021

6. Prevalent Standard General terms and conditions of Conditions of Contract of CCL for civil contracts shall be applicable for this work.
7. All running on A/c bills shall be paid at 95% of the work value. The 5% deduction towards retention money will form Second Part of Security deposit and shall be refunded after issue of no defect certificate.
8. You shall comply with Contract Labour (Regulation and Abolition) Act and make payments to your workmen accordingly. In case you engage 10 & above labourers in the work on any working day you shall be required to submit registration certificate under the B.O.C.W. (RE&CS) Act 1996 and in case you engage 20 (Twenty) or more labourers in the work on any working day you shall be required to submit Labour license under Contract Labour (Regulation & Abolition) Act 1970 for the same.
9. You shall comply with CMPF/any other appropriate PF authority's clause of tender document and you will have to submit "No dues certificate" from Provident Fund Authority, Ministry of Labour, Govt. of India at Jharkhand before finalization of final bill.
10. Work shall be executed strictly as per specification in accordance with laid down norms of company.
11. You shall be responsible for arranging all necessary tests of materials as per instruction of Engineer-in-Charge at your own cost as per Prevalent Standard General terms and conditions of Conditions of Contract of CCL for civil contracts.
12. You shall make your own arrangement for all materials, tools, staff and labour required for the above work. The rates for the work include all taxes (excluding GST), octroi, carriage, tools etc. for execution and completion of work.
13. You shall arrange necessary water for the work & for your own establishment. However, if available and feasible the company may arrange water at one point near the work site for which recovery @ 1% (One percent) of the contract value of work done shall be made from your bills.
14. The technical personnel shall be engaged by you on work site as per terms and conditions of tender document.
15. You shall not employ on this contract any close relatives of CCL's employee.
16. Before clearance of final bill you will submit royalty clearance from concerned Mining Officer.
17. All investments, operating expenses, incidentals, overheads, lifts, carriages, tools and plants etc. as may be attendant upon execution and completion of works shall also be included in the rates, prices and total quotation offer price submitted by the bidder.
- 18. Input Tax Credit (ITC) is available for this work.**
19. Your tax invoice raised must be in compliance of relevant GST Acts, Rules and notifications made thereunder and should bear the GSTIN of CCL. The rate and amount of IGST/CGST/SGST, GST (Compensation to State) cess (if any), related to execution of work shall be shown separately in Tax invoice.
20. The IGST/CGST/SGST and GST (Compensation to State) cess (if any), as applicable at the time of execution of the work, shall be paid extra against submission of proper tax invoice, as referred above by you so that CCL is able to avail Input tax Credit (If available) of such IGST/CGST/SGST, GST (Compensation to State) cess (if any) reflected in the invoice.
21. If the ITC claimed is disallowed due to failure on your part in incorporating the tax invoice issued to CCL in its relevant returns under GST, payment of IGST/CGST/SGST, GST (Compensation to State) cess (if any) shown in tax invoice to the tax authorities, issue of improper tax invoice or any other reason whatsoever, the applicable taxes and cess paid based on such tax invoice alongwith interest, penalties if any levied on CCL, shall be recovered from your current Bills and any other dues.
22. The amount of IGST/CGST/SGST and GST cess if any as indicated in Tax invoice shall be paid only when they appear in GSTR 2A of CCL and you have filed the valid return in accordance with provisions of the GST acts and Rules made thereunder.
23. In the event of any additional tax liabilities accruing on you due to classification issue or for any other reason the liability of CCL shall be restricted to the amount of GST charged on original tax invoice issued by you.

24. You shall pass on the benefit on account of reduction in rate of tax on any supply of goods and / or services or any benefit of the input tax credit to CCL by way of commensurate reduction in prices in terms of Anti profiteering clause of GST Act 2017.
25. You are requested to submit the following for execution of Detail Work Order within **21 (twenty one)** days from the issue of this Award of Work: –
- An amount of **Rs.7,482.00 (Rupees seven thousand four hundred eighty two)** only towards Performance Security in the form given below:-
    - Govt. Securities or FDR duly pledged in favour of Central Coalfields Limited.
    - Demand Draft in favour of Central Coalfields Limited (BS), Barka-Sayal Area from any Scheduled Bank payable at SBI Saunda (Ramgarh)
  - Site handover and takeover certificate, jointly signed by Engineer-in-Charge and the Contractor/ authorized representative.
  - Time Bound Programme for completion of the work within stipulated time as per NIT showing physical progress of work duly signed by Engineer-in-Charge and the Contractor/authorized representative.
  - Registration under B.O.C.W. (RE&CS) Act and / or Labour License, as per Contract Labour (Regulation & Abolition) Act and Insurance (if any) as per NIT before execution of detailed work order / any payment are made to you against this work.
  - You will have to submit undertaking on your letter head the company against any liability arising out of non-observance of the statutory provisions like royalty payments, all taxes, Workmen Compensation Act, Minimum Wages Act, Income Tax Act, Contract Labour (Regulation & Abolition) Act etc.
26. You are requested to contact the **Project Engineer (Civil), Urimari Project / Overseer (Civil) Urimari Project** for further needful action regarding execution of work.

Yours faithfully

  
Staff officer (Civil)  
Barka-sayal Area

**DISTRIBUTION:-**

- T.S to CVO, CCL HQ., Ranchi
- G.M. (B-S), Barka-Sayal Area
- A.F.M. (B-S), Barka-Sayal Area :-
- P.O. Urimari Project
- P.E. (Civil), Urimari Project
- Dy. Manager (F) Urimari Project
- Overseer (C) Urimari Project
- Cashier, A.F.M, B-S Area
- Office file

In reference to Budget Certification vide no. A. F.M (B-S) Concurrence under Rev. / Budget. 2021-22 / vide no. G.M (BS) / Afforestation / Urimari / TCR / M/S Sanjay Kumar / 01 dated-29.07.2021 for **Rs.2,49,391.29** only



(CENTRAL COALFIELDS LIMITED)  
(Aminratna Cat of Company)  
OFFICE OF THE GENERAL MANAGER (B-S)  
BARKA - SAYAL AREA



Ref. No: CCL / Barka-Sayal / Cap. / URI Proj. / Civil / AOW / 21-22/ 359

Dt. 29/04/21

Registered post/ Speed Post

To,  
FLY HIGH INFRASTRUCTURE  
At : Urimari, P.O. : Gosaibalia  
Hazaribagh (Jharkhand)  
Email Id-buntysharma27jan@gmail.com  
Mobile No. 9955626145

PAN NO: GFSPS1314Q

Sub:	Award of work for "Construction of Settling pond for mine discharge water at Urimari Project"
Ref.:	e-Tender Notice No. 69 of 2020-21, vide Ref. No. GM (B-S) / Civil / Tender / 2020-21/156; Dated: - 16.03.2021, Bid submission end date on 30.03.2021, Bid opening date 31.03.2021. (Tender ID No. 2021_CCL_201853_1).

Dear Sir,

In response to your tender for the subject work mentioned above, this is to inform you that your offer for a contract amount of Rs.5,64,037.57 (Rupees five lakh sixty four thousand thirty seven and paise fifty seven) only inclusive of GST amount of Rs.86,039.63 (Rupees eighty six thousand thirty nine and paise sixty three) only and Rs.4,77,997.94 (Rupees four lakh seventy seven thousand nine hundred ninety seven and paise ninety four) only exclusive of GST amount [Input Tax Credit (ITC) is not available] to undertake the work has been accepted by CCL, subject to the following stipulations / conditions which are supplementaries / complementaries to the conditions of the quotation documents: -

1. The payment of GST and GST Compensation Cess by the service availer (i.e. CCL) to bidder/ contractor (If GST payable by bidder/ contractor) would be made only on the latter submitting a Bill/Invoice in accordance with the provision of relevant GST Act and the rules made there under and after online filing of valid return on GST portal. The payment of GST and GST Compensation Cess is responsibility of the Contractor.
2. The period of completion of work shall be 30 (thirty) days from expiry of 10 (Ten) days from the issue of this award of work or within 07 (Seven) days of handing over of the site, whichever is later.
3. (a) EMD is not applicable for this tender.  
(b) You are required to deposit the total performance security money amount to Rs.16,922.00 (Rupees sixteen thousand nine hundred twenty two) only i.e. 3% of the contract amount. In case the successful bidder fails to submit the Performance Security and within the stipulated time then the award of work shall be cancelled.

Additionally, the company shall ban such defaulting contractor for a period of 02 (two years) from being eligible to submit Bids in CIL and its subsidiaries from the date of issue of such letter.

This banning shall be done under the provisions of the NIT and online blocking of the bidder shall be done in CIL e-Procurement portal.

In case of JV/Partnership firm, the banning shall also be applicable to all individual partners of JV/Partnership firm.

4. A copy of Bill of Quantity (BOQ) is enclosed for ready reference.
5. There is no Abnormally Low Rate in this work as it is percentage rate quotation.
6. Prevalent Standard General terms and conditions of Conditions of Contract of CCL for civil contracts shall be applicable for this work.

*Amul*

7. All running on A/c bills shall be paid at 95% of the work value. The 5% deduction towards retention money will form Second Part of Security deposit and shall be refunded after issue of no defect certificate.
8. You shall comply with Contract Labour (Regulation and Abolition) Act and make payments to your workmen accordingly. In case you engage 10 & above labourers in the work on any working day you shall be required to submit registration certificate under the B.O.C.W. (RE&CS) Act 1996 and in case you engage 20 (Twenty) or more labourers in the work on any working day you shall be required to submit Labour license under Contract Labour (Regulation & Abolition) Act 1970 for the same.
9. You shall comply with CMPF/any other appropriate PF authority's clause of tender document and you will have to submit "No dues certificate" from Provident Fund Authority, Ministry of Labour, Govt. of India at Jharkhand before finalization of final bill.
10. Work shall be executed strictly as per specification in accordance with laid down norms of company.
11. You shall be responsible for arranging all necessary tests of materials as per instruction of Engineer-in-Charge at your own cost as per Prevalent Standard General terms and conditions of Conditions of Contract of CCL for civil contracts.
12. You shall make your own arrangement for all materials, tools, staff and labour required for the above work. The rates for the work include all taxes (excluding GST), octroi, carriage, tools etc. for execution and completion of work.
13. You shall arrange necessary water for the work & for your own establishment. However, if available and feasible the company may arrange water at one point near the work site for which recovery @ 1% (One percent) of the contract value of work done shall be made from your bills.
14. The technical personnel shall be engaged by you on work site as per terms and conditions of tender document.
15. You shall not employ on this contract any close relatives of CCL's employee.
16. Before clearance of final bill you will submit royalty clearance from concerned Mining Officer.
17. All investments, operating expenses, incidentals, overheads, lifts, carriages, tools and plants etc. as may be attendant upon execution and completion of works shall also be included in the rates, prices and total quotation offer price submitted by the bidder.
- 18. Input Tax Credit (ITC) is not available for this work.**
19. Your tax invoice raised must be in compliance of relevant GST Acts, Rules and notifications made thereunder and should bear the GSTIN of CCL. The rate and amount of IGST/CGST/SGST, GST (Compensation to State) cess (if any), related to execution of work shall be shown separately in Tax invoice.
20. The IGST/CGST/SGST and GST (Compensation to State) cess (if any), as applicable at the time of execution of the work, shall be paid extra against submission of proper tax invoice, as referred above by you so that CCL is able to avail Input tax Credit (If available) of such IGST/CGST/SGST, GST (Compensation to State) cess (if any) reflected in the invoice.
21. If the ITC claimed is disallowed due to failure on your part in incorporating the tax invoice issued to CCL in its relevant returns under GST, payment of IGST/CGST/SGST, GST (Compensation to State) cess (if any) shown in tax invoice to the tax authorities, issue of improper tax invoice or any other reason **whatsoever, the applicable taxes and cess paid based on such tax invoice alongwith interest, penalties if any levied on CCL, shall be recovered from your current Bills and any other dues.**
22. The amount of IGST/CGST/SGST and GST cess if any as indicated in Tax invoice shall be paid only when they appear in GSTR 2A of CCL and you have filed the valid return in accordance with provisions of the GST acts and Rules made thereunder.
23. In the event of any additional tax liabilities accruing on you due to classification issue or for any other reason the liability of CCL shall be restricted to the amount of GST charged on original tax invoice issued by you.
24. You shall pass on the benefit on account of reduction in rate of tax on any supply of goods and / or services or any benefit of the input tax credit to CCL by way of commensurate reduction in prices in terms of Anti profiteering clause of GST Act 2017.

25. You are requested to submit the following for execution of Detail Work order within **21 (twenty one)** days from the issue of this Award of Work: –
- An amount of **Rs.16,922.00 (Rupees sixteen thousand nine hundred twenty two)** only towards Performance Security in the form given below:-
    - Govt. Securities or FDR duly pledged in favour of Central Coalfields Limited.
    - Demand Draft in favour of Central Coalfields Limited (BS), Barka-Sayal Area from any Scheduled Bank payable at SBI Saunda (Ramgarh)
  - Site handover and takeover certificate, jointly signed by Engineer-in-Charge and the Contractor/ authorized representative.
  - Time Bound Programme for completion of the work within stipulated time as per NIT showing physical progress of work duly signed by Engineer-in-Charge and the Contractor/authorized representative.
  - Registration under B.O.C.W. (RE&CS) Act and / or Labour License as per Contract Labour (Regulation & Abolition) Act and Insurance (if any) as per NIT before execution of detailed work order / any payment are made to you against this work.
  - You will have to submit undertaking on your letter head the company against any liability arising out of non-observance of the statutory provisions like royalty payments, all taxes, Workmen Compensation Act, Minimum Wages Act, Income Tax Act, Contract Labour (Regulation & Abolition) Act etc.
26. You are requested to contact the **Project Engineer (Civil), Urimari Project / Overseer (Civil), Urimari Project** for further needful action regarding execution of work.

Yours faithfully

*Amit*  
29/4/21  
Staff officer (Civil)  
Barka-sayal Area

**DISTRIBUTION:-**

- T.S to CVO, CCL HQ., Ranchi
- G.M. (B-S), Barka-Sayal Area
- A.F.M. (B-S), Barka-Sayal Area :-
- Project Officer, Urimari Project
- Dy. Manager (F), Urimari Project
- P.E. (Civil), Urimari Project
- Cashier, GM Unit (BS) Sayal
- Office file

In reference to Budget Certification vide no. A.F.M (B-S) Concurrence under Cap. Budget TCR /Env.Act / 2021-22/ 03 dt.23.04.21 for **Rs.5,64,037.57 only**



**CCL**

*A miniratna cat-I company*

2021-CCL-213346-1

सेंट्रलकोलफील्ड्सललिटेड  
(कोलइंडियाकीअनुषंगीइकाई)  
**CENTRAL COALFIELDS LIMITED**  
(A Subsidiary of Coal India Limited)  
OFFICE OF THE GENERAL MANAGER  
BARKA-SAYAL AREA, P.O.: SAYAL,  
DISTT.: RAMGARH, PIN : 829125  
Mob.:7903913447  
Website : <https://www.centralcoalfields.in>  
Email id- [socivibks@gmail.com](mailto:socivibks@gmail.com)

Ref. No. GM(B-S)/Civil/Tender/2021-22/478

Dated : 28.07.2021

**Notice Inviting Tender**

**NIT No: 21 of 2021-22**

**FOR ESTIMATED VALUE PUT TO TENDER LESS THAN Rs. 50 LAKHS**

1. Tenders are invited on-line under single cover system on the website <https://coalindiatenders.nic.in> from the eligible bidders having Digital Signature Certificate (DSC) issued from any agency authorized by Controller of Certifying Authority (CCA), Govt. of India and which can be traced up to the chain of trust to the Root Certificate of CCA, for the following work:

Description of work	Location	Estimated Cost of Work (Including GST) (In Rs.)	Earnest Money (In Rs.)	Period of Completion (In Days)
Fixed water sprinkler from Potanga workshop to feeder breaker at Urimari OCP under Urimari Project.	Urimari Project..	2582960.54	Nil	60 days

- (i). For Site visit of location of work, the prospective bidder(s) may contact Sri Amit Kumar, Mob. No. 9958221894

Tender inviting authority	Contact Person(s)/Tender Dealing Officer(s)
Staff Officer (Civil)	Sri Suman Kumar Mob. No. 8987784285

2. **Time Schedule of Tender:**

Sl. No	Particulars	Date	Time
a.	Tender e-Publication date	06.08.2021	16.00 Hrs.
b.	Document download start date	07.08.2021	10.00 Hrs.
c.	Document download end date	17.08.2021	15.00 Hrs.
d.	Bid Submission start date	07.08.2021	10.00 Hrs.
e.	Bid submission end date	17.08.2021	15.00 Hrs.
f.	Start date for seeking Clarification on-line	07.08.2021	10.00 Hrs.
g.	Last date for seeking Clarification on-line	13.08.2021	15.00 Hrs.



h.	Date of Pre-bid meeting (if any)	NA	NA
i.	Bid-Opening date	18.08.2021	15.30 Hrs.

sd 28.07.2021

Staff Officer (Civil)  
Barka-Sayal AreaDistribution:

1. The D.T. (P&P), C.C.L. Ranchi
2. The G.M. (C), C.C.L. Ranchi.
3. The G.M (B-S),Barka-Sayal Area.
4. The A.F.M. (B-S),Barka-Sayal Area.
5. The C.G.M. / G.M / SO(C) – Kuju / Hazaribagh / Argada / Rajrappa / Dhori / Dakra / B&K / PiparWar / CWS Barkakana / Rajhara / MagadhAmrapali
6. The Project Officer, Sayal-D / Urimari / Birsa Project / Hendegir / Saunda 'D' .  
C-saunda / Bhurkunda / RWS Bhurkunda
7. The S.O. (M), Barka-Sayal Area.
8. HOD Public Relation, CCL Ranchi : with a request to publish in News papers as per norm.
9. The Dy. Manager (Fin) (C&B), GM unit, Barka-Sayal Area.
10. The Superintendent of Patratu Water Works.
11. The Area Security Officer (B-S), Barka-Sayal Area
12. Cashier, G.M Office, Barka-Sayal Area.
13. Notice Board.

**Bill of quantity for the work Fixed water sprinkler from Potanga workshop to feeder breaker at Urimari OCP under Urimari Project.**

Sl. No.	Description of work	Qty.	Unit	updated rate	Amount	Remarks SOR-2014
1	Providing and laying cement concrete of specified grade excluding the cost of centering and shuttering in all works up to plinth level : 1:4:8 (1cement : 4coarse sand : 8graded stone aggregates 40 mm nominal size).	0.97	cum	4339.72	4209.53	4.1.8
2	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement in all works up to plinth level : 1:1.5:3 (1cement : 1.5coarse sand : 3 graded stone aggregates 20 mm nominal size).	4.33	cum	6092.79	26381.78	5.1.2
3	Reinforced cement concrete work in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, struts, buttresses, plinth, string or lacing courses, parapets, copings, bed blocks, anchor blocks, plain window cills, fillets etc. up to floor five level, excluding the cost of centering, shuttering finishing and reinforcement: 1:1.5:3 (1cement : 1.5coarse sand : 3graded stone aggregates 20 mm nominal size).	1.15	cum	7161.49	8235.71	5.2.2
4	Reinforcement for RCC work including straightening, cutting, bending, binding and placing in position complete: Thermo Mechanically Treated bars.	438.40	kg	81.46	35712.06	5.22.6
5	Centering and shuttering including strutting, propping etc. and removal of form for foundations, footings, bases of columns, etc. and mass concrete.	45.42	sqm	223.89	10169.08	5.9.1
6	Centering and shuttering including strutting, propping etc. and removal of form for columns, pillars, Piers, Abutments, posts and struts.	18.40	sqm	563.79	10373.74	5.9.6
7	Providing, laying and fixing 100 mm dia GI pipe (medium class) in ground complete with GI fittings including trenching ( 75 cm deep ) and refilling as required.	980.00	metre	983.00	963340.00	14.13.3 Sor E&M 2014
8	Supplying & fixing GI fittings of approved make all complete as per specification and direction of E/I. Flange with rubber gasket 100 mm.	16.00	nos.	335.38	5366.08	AR
9	Providing and fixing bolts including nuts and washers complete.	8.00	kg	103.48	827.84	10.20
10	Providing and fixing C.I. sluice valve (with cap) complete with nuts, bolts, rubber insertions etc. (the tail piece if required will be paid separately) : 100mm diameter Class II.	3.00	each	5525.51	16576.53	18.31.1.2
11	Providing and fixing G.I. pipes complete with G.I. fittings and clamps including cutting and making the walls etc. Internal work - Exposed on wall: 32 mm nominal bore.	69.00	metre	370.54	25567.26	18.10.4
12	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end): 32 mm nominal bore.	23.00	each	454.31	10449.13	18.17.2
13	Providing and fixing Low operating pressure sprinkler (LOPS) Single nozzle sprinkler having discharge capacity of 5.5 cum/hr & radius of coverage 15-17 m at 2.5 bar with 32 mm BSP fm brass connection & brass swing arm (Part cicle) M-ZL22 LOPS Water sprinkler or similar make complete as per direction of EIC.	23.00	nos.	3414.81	78540.63	AR
14	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means foundation trenches, drain not exceeding 1.5 m in width as well as 10 sqm on plan including dressing of sides and ramming of bottom, lift up to 1.5 m including getting out the excavated soil and disposal of surplus excavated soil as directed within a lead of 50 m. (All kinds of soils).	15.84	cum	201.56	3192.71	2.8.1

15	Supplying and filling in plinth with Jamuna sand under floors including watering, ramming, consolidation and dressing complete.	2.50 ✓	cum	941.00 ✓	2352.50 ✓	2.27
16	Providing and laying cement concrete of specified grade excluding the cost of centering and shuttering in all works up to plinth level : 1:4:8 (1cement : 4coarse sand : 8graded stone aggregates 40 mm nominal size).	2.50 ✓	cum	4339.72 ✓	10849.30 ✓	4.1.8
17	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement in all works up to plinth level : 1:1.5:3 (1cement : 1.5coarse sand : 3 graded stone aggregates 20 mm nominal size).	1.73 ✓	cum	6092.79 ✓	10540.53 ✓	5.1.2
18	Reinforced cement concrete work in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, struts, buttresses, plinth, string or lacing courses, parapets, copings, bed blocks, anchor blocks, plain window cills, fillets etc. up to floor five level, excluding the cost of centering, shuttering finishing and reinforcement: 1:1.5:3 (1cement : 1.5coarse sand : 3graded stone aggregates 20 mm nominal size).	0.91 ✓	cum	7161.49 ✓	6516.96 ✓	5.2.2
19	Reinforced cement concrete work in beams suspended floors, roofs having slope up to 15 degrees, landings and balconies, chhajjas, shelves, lintels, bands, plain window sills, staircases and spiral staircases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement: 1:2:4 (1cement : 2coarse sand : 4graded stone aggregates 20 mm nominal size).	3.99 ✓	cum	7467.84 ✓	29796.68 ✓	5.3
20	Reinforcement for RCC work including straightening, cutting, bending, binding and placing in position complete: Thermo Mechanically Treated bars.	530.40 ✓	kg	81.46 ✓	43206.38 ✓	5.22.6
21	Centering and shuttering including strutting, propping etc. and removal of form for foundations, footings, bases of columns, etc. and mass concrete.	9.40 ✓	sqm	223.89 ✓	2104.57 ✓	5.9.1
22	Centering and shuttering including strutting, propping etc. and removal of form for columns, pillars, Piers, Abutments, posts and struts.	14.60 ✓	sqm	563.79 ✓	8231.33 ✓	5.9.6
23	Centering and shuttering including strutting, propping etc. and removal of form for lintels, beams, plinth beams, girders, bressummers and cantilevers.	4.88 ✓	sqm	408.30 ✓	1992.50 ✓	5.9.5
24	Centering and shuttering including strutting, propping etc. and removal of form for suspended floors, roofs, landings, balconies and access platform.	15.41 ✓	sqm	511.73 ✓	7885.76 ✓	5.9.3
25	Brick work with FPS bricks of class designation 50 in foundation and plinth using cement mortar 1:6 (1cement : 6coarse sand).	5.31 ✓	cum	5700.02 ✓	30267.11 ✓	6.1.2
26	Brick work with FPS bricks of class designation 50 in superstructure above plinth level up to floor V level in all shapes and sizes incement mortar 1:6 (1cement : 6coarse sand).	8.71 ✓	cum	6686.02 ✓	58235.23 ✓	6.4.2 - Rs.114.75
27	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	92.76 ✓	sqm	190.40 ✓	17661.50 ✓	13.1.2
28	6mm cement plaster of mix 1:3 (1cement : 3 fine sand).	9.21 ✓	sqm	170.37 ✓	1569.11 ✓	13.16.1
29	White washing with lime to give an even shade: New work (three or more coats).	101.97 ✓	sqm	20.08 ✓	2047.56 ✓	13.37.1

30	Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee sections joints mitred welded with 15 x 3 mm lugs, 10 cm long embedded in cement concrete blocks 15 x 10 x 10 cm of 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregates 20 mm nominal size) or with wooden plugs and screws or rawl plugs and screws or with dash fastener or with fixing clips or with bolts and nuts as required including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer.	28.80 ✓	kg	74.71 ✓	2151.65 ✓	10.13.1
31	Providing and fixing 1mm thick M.S. sheet garage door with frames of 40x40x6mm angle iron, 3mm M.S. gusset plates at junctions and corners, all necessary fittings complete including applying a priming coat of approved steel primer: Using M.S. flats 30x6mm for diagonals and central cross place.	3.36	sqm	2996.70	10068.91	10.5.2
32	Steel work welded in built up sections / framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required: In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	4.94 ✓	kg	108.39 ✓	535.45 ✓	10.25.2
33	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: Two or more coats on new work.	7.72 ✓	sqm	85.38 ✓	659.13 ✓	13.61.1
34	Making plinth protection 50mm thick of cement concrete 1:3:6 (1cement : 3coarse sand : 6graded stone aggregates 20mm nominal size) over 75mm thick bed of dry brick ballast 40mm nominal size, well rammed and consolidated and grouted with fine sand including finishing the top smooth.	4.98 ✓	sqm	478.24 ✓	2381.64 ✓	4.17
35	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5m.	4.72 ✓	cum	147.22 ✓	694.88 ✓	2.25
36	Cement concrete flooring 1:2:4 (1cement : 2coarse sand : 4graded stone aggregates) finished with a floating coat of neat cement including cement slurry but excluding the cost of nosing of steps etc. complete: 40 mm thick with 20 mm nominal size stone aggregates.	9.21 ✓	sqm	383.90 ✓	3535.72 ✓	11.3.1
37	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth, 1.5 sqm in width as well as 10 sqm on plan) including disposal of excavated earth lead up to 50 m and lift up to 1.5 m disposed earth to be leveled and neatly dressed. (All kinds of soils).	78.73 ✓	cum	198.62 ✓	15637.35 ✓	2.6.1
38	Supplying and filling in plinth with Jamuna sand under floors including watering, ramming, consolidation and dressing complete.	4.14 ✓	cum	941.00 ✓	3895.74 ✓	2.27
39	Providing and laying cement concrete of specified grade excluding the cost of centering and shuttering in all works up to plinth level : 1:4:8 (1cement : 4coarse sand : 8graded stone aggregates 40 mm nominal size).	5.53 ✓	cum	4339.72 ✓	23998.65 ✓	4.1.8
40	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement in all works up to plinth level : 1:1.5:3 (1cement : 1.5coarse sand : 3 graded stone aggregates 20 mm nominal size).	22.25 ✓	cum	6092.79 ✓	135564.58 ✓	5.1.2

41	Reinforced cement concrete work in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, struts, buttresses, plinth, string or lacing courses, parapets, copings, bed blocks, anchor blocks, plain window cills, fillets etc. up to floor five level, excluding the cost of centering, shuttering finishing and reinforcement: 1:1.5:3 (1cement : 1.5coarse sand : 3graded stone aggregates 20 mm nominal size).	6.75 ✓	cum	7161.49 ✓	48340.06 ✓	5.2.2
42	Reinforcement for RCC work including straightening, cutting, bending, binding and placing in position complete: Thermo Mechanically Treated bars.	2320.00 ✓	kg	81.46 ✓	188987.20 ✓	5.22.6
43	Centering and shuttering including strutting, propping etc. and removal of form for foundations, footings, bases of columns, etc. and mass concrete.	80.40	sqm	223.89 ✓	18000.76 ✓	5.9.1
44	Centering and shuttering including strutting, propping etc. and removal of form for columns, pillars, Piers, Abutments, posts and struts.	54.00 ✓	sqm	563.79 ✓	30444.66 ✓	5.9.6
45	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5m.	8.04 ✓	cum	147.22 ✓	1183.65 ✓	2.25
46	Structural Steel work in single section fixed with or without connecting plate including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	91.00 ✓	kg	58.48 ✓	5321.68	10.1
47	Fencing with angle iron post at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire 9.38 kg per 100 m (min) between the two posts fitted and fixed with GI staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately): Payment to be made per metre cost of total length of barbed wire used: With GI barbed wire.	192.30 ✓	metre	16.13 ✓	3101.80 ✓	16.18.1
48	Cement concrete flooring 1:2:4 (1cement : 2coarse sand : 4graded stone aggregates) finished with a floating coat of neat cement including cement slurry but excluding the cost of nosing of steps etc. complete: 40 mm thick with 20 mm nominal size stone aggregates.	41.25 ✓	sqm	383.90 ✓	15835.88 ✓	11.3.1
49	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).neat punning (1:4).	78.00 ✓	sqm	190.40	14851.20	13.1.2
50	Providing and fixing following capacity TP&N disconnecter fuse switch unit inside the existing panel board with ISI marked HRC fuses including drilling holes in cubicle panel, marking connections etc as required 125 Amp TPN.	1.00	nos.	5674.58 ✓	5674.58	CPWD 2014 2.1.4
51	Supplying and fixing following way horintal type three poles and neutral sheet steel MCB distribution board 415 volts on surface / recess, complete with tinned copper bus bar earth bar, din bar, interconnections powder painted including earthing etc. as required (But without MCB/RCCB/Isolator) 4 way (4 + 12), Double door.	1.00	nos.	2600	2600.00	2.4.1
52	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, 10KA "C"curve, miniature circuit breaker suitable for inductive load of following ploes in the existing MCB DB complete with connections, testing and commissioning etc as required Tripple pole & Neutral.	2.00	nos.	925.42	1850.84	2.10.5

53	Wiring for circuit / submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor. Single core cable in surface / recessed medium class PVC conduit as required 4x4sq.mm + 2x4sq.mm earth wire.	30.00	metre	261.02	7830.60	1.14.8
54	wiring for light point/fan point/exhaust fan point/call bell point with 1.5sq mm FRLS PVC insulated copper conductor single core cable in surface/recessed PVC conduit with piano type switch phenolic laminated sheet suitable size M.S. box and earthing the point with 1.5sq mm FRLS PVC insulated copper conductor single core cable etc as required.	12.00	point	588.14	7057.68	1.8.1
55	Supplying and fixing metal box of 180mm x 100mm x 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cove in FRL Sont including providing and fixing 6 pin 5/3 & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc as required.	1.00	nos.	344.07	344.07	1.30
56	Earthing with copper earth plate 600mm x 600mm x 3mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and waering pipe of 2.7meters long etc with charcoal / coke and salt as required. Details of cost for one set.	2.00	set	9994.92	19989.84	5.6
57	Supplying and laying 25mm x 5mm copper strip at 0.50m below ground as strip earth electrode, including connection / termination with nut, bolt, spring washer etc as required (jointing shall bedone by overlapping and with 2sets of brass nut bolt & spring washer spaced at 50mm)	40.00	metre	722.88	28915.20	
58	Wiring for circuit / submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor. Single core cable in surface / recessed steel conduit as required 4x4sp.mm + 2x6sq.mm earth wire.	70.00	metre	567.8	39746.00	
59	Providing and fixing instlling & commissioning of pump motor having discharge 10.7 ips and head 52 metre with 3000 rmp 3 phase 415 volt 2.5 HP of Kirloskar make KDS1570 or equivalent BIS approved make having similar performance of discharge head voltage & power.	1.00	nos.	105966.59	105966.59	AR
60	Supplying & installation / commissioning fully automatic star delta starter to operate induction motor working on 415V 3 phase 50H with cover load element ON/OFF push button voltmeter ammeter single phase preventer make and necessary matterials suitable for Kirloskar make monoblock pumps KDS 1570 2.5HP 415 volt or equivalent including transport carriage complete as per direction of E/I.	1.00	nos.	11584.53	11584.53	AR
				Total Rs.	2188949.61	
				GST @18%	394010.93	
				Total estimated cost including GST	2582960.54	

**ENVIRONMENT LABORATORY , CMPDI (HQ) , RANCHI**

**TEST REPORT**

<b>06/21 Test Report No. 1422</b>	<b>Job No. 094321044</b>	<b>Year</b>	FY2021-22
Type of Sample	Ambient Air	Quarter Ending	Jun-21
Customer	CCL		
Mode of Receipt of Sample:	Joint sampling with customer		
Testing/Sampling Protocol	IS 5182 (part 14): 2000, R -2010, Methods for Measurement of Air Pollution, LQR 32		
Remarks & Observation:	All samplers placed 1.5 m above ground level		

**TEST RESULT**

The sample has been tested with the following results:-

**Area :** Barka-Sayal      **Project:** Urimari OC      **Stations:** Rest House

Month	Date of Sampling	Date of receipt of sample	Date of analysis	Parameters ( in $\mu\text{g}/\text{m}^3$ )					Wind Direction (from) & Weather
				Total Particulate Matter (PM <sub>10</sub> + >PM <sub>10</sub> )TPM	Particulate Matter (PM <sub>10</sub> )	Particulate Matter (PM <sub>2.5</sub> )	Sulphur Dioxide (SO <sub>2</sub> )	Nitrogen Oxides (as NO <sub>x</sub> )	
<b>Apr-21 1st FN</b>	06/04/21-07/04/21	16-04-2021	16/04/21-26/04/21	185	66	30	< 25	< 6	North Sunny
<b>Apr-21 2nd FN</b>	21/04/21-22/04/21	03-05-2021	03/05/21-10/05/21	321	119	64	< 25	< 6	East Sunny
<b>May-21 3rd FN</b>	08/05/21-09/05/21	17-05-2021	17/05/21-24/05/21	196	84	45	< 25	< 6	North Rain
<b>May-21 4th FN</b>	23/05/21-24/05/21	01-06-2021	01/06/21-08/06/21	318	138	69	< 25	< 6	North Sunny
<b>Jun-21 5th FN</b>	06/06/21-07/06/21	16-06-2021	16/06/21-22/06/21	147	63	35	< 25	< 6	South Rain
<b>Jun-21 6th FN</b>	23/06/21-24/06/21	01-07-2021	01/07/21-09/07/21	112	64	33	< 25	< 6	East Rain

**Note:**

1. Gazette Notification No. G.S.R 742(E) dt.25th Sept. '2000 is applicable in core zone.
2. Gazette Notification No. G.S.R 826 (E) dt.Nov.'2009 is applicable in buffer zone.

Analysed By

Authorized Signatory

- Note: 1) This Report refers to the values obtained at the time of testing and results related to the items tested  
 2) This Report cannot be reproduced in part or full without written permission of the management.  
 3) This is computer generated report and requires no signature.

**ENVIRONMENT LABORATORY , CMPDI (HQ) , RANCHI**

**TEST REPORT**

<b>06/21 Test Report No. 1423</b>	<b>Job No. 094321044</b>	<b>Year</b>	<b>FY2021-22</b>
Type of Sample	Ambient Air	Quarter Ending	Jun-21
Customer	CCL		
Mode of Receipt of Sample:	Joint sampling with customer		
Testing/Sampling Protocol	IS 5182 (part 14): 2000 ,R -2010, Methods for Measurement of Air Pollution, LQR 32		
Remarks & Observation:	All samplers placed 1.5 m above ground level		

**TEST RESULT**

The sample has been tested with the following results:-

**Area :** Barka-Sayal      **Project:** Urimari OC      **Stations:** Jarjara colony

Month	Date of Sampling	Date of receipt of sample	Date of analysis	Parameters ( in $\mu\text{g}/\text{m}^3$ )					Wind Direction (from) & Weather
				Total Particulate Matter (PM <sub>10</sub> +>PM <sub>10</sub> )TPM	Particulate Matter (PM <sub>10</sub> )	Particulate Matter (PM <sub>2.5</sub> )	Sulphur Dioxide (SO <sub>2</sub> )	Nitrogen Oxides (as NO <sub>x</sub> )	
<b>Apr-21 1st FN</b>	06/04/21-07/04/21	16-04-2021	16/04/21-26/04/21	140	47	26	< 25	< 6	North Sunny
<b>Apr-21 2nd FN</b>	22/04/21-23/04/21	03-05-2021	03/05/21-10/05/21	256	87	45	< 25	< 6	East Sunny
<b>May-21 3rd FN</b>	09/05/21-10/05/21	17-05-2021	17/05/21-24/05/21	163	65	31	< 25	< 6	North Rain
<b>May-21 4th FN</b>	24/05/21-25/05/21	01-06-2021	01/06/21-08/06/21	198	81	49	< 25	< 6	North Sunny
<b>Jun-21 5th FN</b>	06/06/21-07/06/21	16-06-2021	16/06/21-22/06/21	114	52	30	< 25	< 6	South Rain
<b>Jun-21 6th FN</b>	24/06/21-25/06/21	01-07-2021	01/07/21-09/07/21	153	66	29	< 25	< 6	East Rain

**Note:**

1. Gazette Notification No. G.S.R 742(E) dt.25th Sept. '2000 is applicable in core zone.
2. Gazette Notification No. G.S.R 826 (E) dt.Nov. '2009 is applicable in buffer zone.

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**TEST REPORT**

<b>06/21 Test Report No. 1424</b>	<b>Job No. 094321044</b>	<b>Year</b>	FY2021-22
Type of Sample	Ambient Air	Quarter Ending	Jun-21
Customer	CCL		
Mode of Receipt of Sample:	Joint sampling with customer		
Testing/Sampling Protocol	IS 5182 (part 14): 2000 ,R -2010, Methods for Measurement of Air Pollution, LQR 32		
Remarks & Observation:	All samplers placed 1.5 m above ground level		

**TEST RESULT**

The sample has been tested with the following results:-

**Area :** Barka-Sayal      **Project:** Urimari OC      **Stations:** DAV School

Month	Date of Sampling	Date of receipt of sample	Date of analysis	Parameters ( in $\mu\text{g}/\text{m}^3$ )					Wind Direction (from) & Weather
				Total Particulate Matter (PM <sub>10</sub> +>PM <sub>10</sub> )TPM	Particulate Matter (PM <sub>10</sub> )	Particulate Matter (PM <sub>2.5</sub> )	Sulphur Dioxide (SO <sub>2</sub> )	Nitrogen Oxides (as NO <sub>x</sub> )	
<b>Apr-21 1st FN</b>	07/04/21-08/04/21	16-04-2021	16/04/21-26/04/21	191	78	41	< 25	< 6	North Sunny
<b>Apr-21 2nd FN</b>	22/04/21-23/04/21	03-05-2021	03/05/21-10/05/21	165	65	42	< 25	< 6	East Sunny
<b>May-21 3rd FN</b>	09/05/21-10/05/21	17-05-2021	17/05/21-24/05/21	135	50	28	< 25	< 6	North Rain
<b>May-21 4th FN</b>	24/05/21-25/05/21	01-06-2021	01/06/21-08/06/21	189	75	39	< 25	< 6	North Sunny
<b>Jun-21 5th FN</b>	06/06/21-07/06/21	16-06-2021	16/06/21-22/06/21	101	46	28	< 25	< 6	South Rain
<b>Jun-21 6th FN</b>	24/06/21-25/06/21	01-07-2021	01/07/21-09/07/21	160	74	39	< 25	< 6	East Rain

**Note:**

1. Gazette Notification No. G.S.R 742(E) dt.25th Sept. '2000 is applicable in core zone.
2. Gazette Notification No. G.S.R 826 (E) dt.Nov. '2009 is applicable in buffer zone.

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**TEST REPORT**

<b>06/21 Test Report No. 1425</b>	<b>Job No. 094321044</b>	<b>Year</b>	<b>FY2021-22</b>
Type of Sample	Ambient Air	Quarter Ending	Jun-21
Customer	CCL		
Mode of Receipt of Sample:	Joint sampling with customer		
Testing/Sampling Protocol	IS 5182 (part 14): 2000 ,R -2010, Methods for Measurement of Air Pollution, LQR 32		
Remarks & Observation:	All samplers placed 1.5 m above ground level		

**TEST RESULT**

The sample has been tested with the following results:-

**Area :** Barka-Sayal      **Project:** Urimari OC      **Stations:** P.O.Office

Month	Date of Sampling	Date of receipt of sample	Date of analysis	Parameters ( in $\mu\text{g}/\text{m}^3$ )					Wind Direction (from) & Weather
				Total Particulate Matter (PM <sub>10</sub> +>PM <sub>10</sub> )TPM	Particulate Matter (PM <sub>10</sub> )	Particulate Matter (PM <sub>2.5</sub> )	Sulphur Dioxide (SO <sub>2</sub> )	Nitrogen Oxides (as NO <sub>x</sub> )	
<b>Apr-21 1st FN</b>	07/04/21-08/04/21	16-04-2021	16/04/21-26/04/21	292	128	64	< 25	< 6	North Sunny
<b>Apr-21 2nd FN</b>	22/04/21-23/04/21	03-05-2021	03/05/21-10/05/21	334	152	70	< 25	< 6	East Sunny
<b>May-21 3rd FN</b>	09/05/21-10/05/21	17-05-2021	17/05/21-24/05/21	281	114	49	< 25	< 6	North Rain
<b>May-21 4th FN</b>	24/05/21-25/05/21	01-06-2021	01/06/21-08/06/21	247	126	63	< 25	< 6	North Sunny
<b>Jun-21 5th FN</b>	07/06/21-08/06/21	16-06-2021	16/06/21-22/06/21	293	137	79	< 25	< 6	North Sunny
<b>Jun-21 6th FN</b>	24/06/21-25/06/21	01-07-2021	01/07/21-09/07/21	304	146	76	< 25	< 6	East Rain

**Note:**

1. Gazette Notification No. G.S.R 742(E) dt.25th Sept.'2000 is applicable in core zone.
2. Gazette Notification No. G.S.R 826 (E) dt.Nov.'2009 is applicable in buffer zone.

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**TEST REPORT**

<b>06/21 Test Report No. 1426</b>	<b>Job No. 094321044</b>	<b>Year</b>	<b>FY2021-22</b>
Type of Sample:	Noise	Quarter Ending	Jun-21
Customer	CCL		
Sampling Protocol	<i>'The noise pollution (Regulation and Control), Rules,2000, LQR 34</i>		
Remarks:			

**TEST RESULT**

The sample has been tested with the following results:-

**Area :** Barka-Sayal **Project:** Urimari OC

Station Name	Noise Level dB(A) Leq					
	Apr-21 1st FN Day/Night	Apr-21 2nd FN Day/Night	May-21 3rd FN Day/Night	May-21 4th FN Day/Night	Jun-21 5th FN Day/Night	Jun-21 6th FN Day/Night
Date of recording	05-04-2021	21-04-2021	08-05-2021	22-05-2021	06-06-2021	23-06-2021
<b>1. Rest House</b>	50.9/42.5	50.4/49.7	50.1/42.7	50.4/49.7	50.6/41.5	50.5/49.4
Date of recording	06-04-2021	22-04-2021	08-05-2021	23-05-2021	06-06-2021	24-06-2021
<b>2. D.A.V.School</b>	47.3/40.1	60.2/59.4	47.2/40.1	60.2/59.4	46.3/36.1	50.7/48.8

Ambient Air Quality Standards in respect of Noise as per 'The noise pollution (Regulation and Control), Rules,2000		
Time Frame	Limits in dB(A) Leq	
	Day Time 6.00 AM to 10.00 PM	Night Time 10.00 PM to 6.00 AM
Industrial Area	75	70
Commercial Area	65	55
Residential area	55	45
Silence Zone	50	40

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**TEST REPORT**

<b>06/21 Test Report No. 1427</b>	<b>Job No. 094321044</b>	<b>Year</b>	<b>FY2021-22</b>
Type of Sample:	<b>Effluent Water</b>	Quarter Ending	<b>Jun-21</b>
Customer	CCL		
Mode of Receipt of Sample:	Joint sampling with customer		
Sampling Protocol	<b>MOEF -SCH-VI STANDARDS, Class 'A', LQR 33</b>		
Remarks & Observation:	Samples received in 5 ltrs plastic Jerri cane, Colour as observed is transparent		

**TEST RESULT**

The sample has been tested with the following results:-

**Area :** Barka-Sayal      **Project:** Urimari OC      **Stations:** Urimari OCP Discharge

Analysis Results of FN Effluent Water							
Parameters →				<b>COD</b>	<b>O &amp; G</b>	<b>pH value</b>	<b>TSS</b>
<b>Detection Limit</b>				<b>4</b>	<b>2</b>	<b>0.2</b>	<b>10</b>
<b>MOEF -SCH-VI, STANDARDS, Class 'A'</b>				<b>250</b>	<b>10</b>	<b>5.5 to 9.0</b>	<b>100</b>
Month	Date of Sampling	Date of Receipt of Sample	Date of Analysis	<b>Value in mg/l, except pH</b>			
<b>Apr-21 1st FN</b>	10/04/21	16/04/21	16/04/21-30/04/21	20	<2.00	8.07	24.4
<b>Apr-21 2nd FN</b>	26/04/21	03/05/21	03/05/21-17/05/21	32	<2.00	8.01	38.2
<b>May-21 3rd FN</b>	12/05/21	17/05/21	17/05/21-01/06/21	24	<2.00	8.24	28.6
<b>May-21 4th FN</b>	28/05/21	01/06/21	01/06/21-17/06/21	32	<2.00	8.48	36.8
<b>Jun-21 5th FN</b>	10/06/21	16/06/21	16/06/21-01/07/21	20	<2.00	8.05	25.4
<b>Jun-21 6th FN</b>	27/06/21	01/07/21	01/07/21-10/07/21	24	<2.00	7.92	31.4
<b>BIS Standard &amp; Method</b>				APHA, 23rd Edition, Closed Reflux, Titrimetric Method, 2017	IS 3025/39:1991, R : 2003, Partition Gravimetric	IS-3025/11:1983, R-1996, Electrometric	IS 3025/17:1984, R :1996, Gravimetric Method

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**TEST REPORT**

<b>06/21 Test Report No. 1428</b>	<b>Job No. 094321044</b>	<b>Year</b>	FY2021-22
Type of Sample:	<b>Surface Water</b>	Quarter Ending	Jun-21
Customer	CCL	Date of Receipt:	16-04-2021
Mode of Receipt of Sample:	Joint sampling with customer	Date of Analysis:	16.04.21-10.05.21
Sampling Protocol	LQR 33		
Remarks & Observation:	Samples received in 5 ltrs plastic Jerri cane, Colour as observed is transparent		

**TEST RESULT**

The sample has been tested with the following results:-

<b>Area :</b>	<b>Barka-Sayal</b>	<b>Project:</b>	<b>Urimari OC</b>
<b>Stations:</b>	1. Tilaya Nala before Joining Damodar 2. Up stream of Tilaya Nala 3. Downstream of Tilaya Nala		<b>Date of Sampling:</b> 10-04-2021 10-04-2021 10-04-2021

Sl.No	Parameter	Sampling Stations				Detection Limit	BIS Standard & Method
		1	2	3	4		
1	Arsenic (as As), mg/l, Max	<0.002	<0.002	<0.002		0.002	IS 3025/37:1988 R : 2003, AAS-VGA, Method
2	BOD (3 days 27°C), mg/l, Max	<2.00	2.6	2.6		2.00	IS 3025 /44: 1993, R: 2003 3 day incubation at 27°C
3	Cadmium(as Cd), mg/l, Max	<0.0004	<0.0004	<0.0004		0.0004	APHA, 23rd Edition AAS-GTA Method, 2017
4	Chlorides (as Cl), mg/l, Max	28	16	18		2.00	IS-3025/32:1988, R-2007, Argentometric Method
5	Copper (as Cu), mg/l, Max	<0.02	<0.02	<0.02		0.02	IS 3025/42: 1992, R : 2009, AAS (Air-Ac-Flame)
6	Dissolved Oxygen, min.	5.8	5.6	5.6		0.10	IS 3025/38: 1989, R:2003, Winkler Azide Method
7	Fluoride (as F) mg/l, Max	0.41	0.24	0.27		0.02	APHA, 23rd Edition, SPADNS Method, 2017
8	Hexavalent Chromium, mg/l, Max	<0.01	<0.01	<0.01		0.01	APHA, 23rd Edition, 2017 Diphenylcarbohydrazide,
9	Iron (as Fe), mg/l, Max	<0.04	<0.04	<0.04		0.04	IS 3025 /53: 2003, R : 2009, AAS (Air-Ac-Flame)
10	Lead (as Pb), mg/l, Max	<0.001	<0.001	<0.001		0.001	APHA, 23rd Edition AAS-GTA Method, 2017
11	Nitrate (as NO <sub>3</sub> ), mg/l, Max	5.70	3.10	3.20		0.50	APHA, 23rd Edition, UV - Spectrophotometric, 2017
12	pH value	8.08	7.07	6.98		1.0	IS-3025/11:1983, R-1996, Electrometric Method
13	Phenolic compounds (as C <sub>6</sub> H <sub>5</sub> OH), mg/l, Max	<0.001	<0.001	<0.001		0.001	APHA, 23rd Edition, 2017, 4-Amino Antipyrine Method,
14	Selenium (as Se), mg/l, Max	<0.0005	<0.0005	<0.0005		0.0005	IS 3025/56:2003 AAS-VGA Method
15	Sulphate (as SO <sub>4</sub> ) mg/l, Max	54	29	31		2.00	APHA, 23rd Edition Turbidity Method, 2017
16	Total Dissolved Solids, mg/l, Max	316	164	170		25.00	IS 3025 /16:1984 R : 2006, Gravimetric Method
17	Total Suspended Solids, mg/l, Max	25.6	47.4	49.2		10.00	IS 3025 /17:1984, R :1996, Gravimetric Method
18	Zinc (as Zn), mg/l, Max	<0.005	<0.005	<0.005		0.005	IS 3025 /49: 1994, R : 2009, AAS (Air-Ac-Flame)

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**TEST REPORT**

<b>09/21 Test Report No. 1422</b>	<b>Job No. 094321044</b>	<b>Year</b>	FY2021-22
Type of Sample	Ambient Air	Quarter Ending	Sep-21
Customer	CCL		
Mode of Receipt of Sample:	Joint sampling with customer		
Testing/Sampling Protocol	IS 5182 (part 14): 2000, R -2010, Methods for Measurement of Air Pollution, LQR 32		
Remarks & Observation:	All samplers placed 1.5 m above ground level		

**TEST RESULT**

The sample has been tested with the following results:-

**Area :** Barka-Sayal      **Project:** Urimari OC      **Stations:** Rest House

Month	Date of Sampling	Date of receipt of sample	Date of analysis	Parameters ( in $\mu\text{g}/\text{m}^3$ )					Wind Direction (from) & Weather
				Total Particulate Matter (PM <sub>10</sub> + >PM <sub>10</sub> )TPM	Particulate Matter (PM <sub>10</sub> )	Particulate Matter (PM <sub>2.5</sub> )	Sulphur Dioxide (SO <sub>2</sub> )	Nitrogen Oxides (as NO <sub>x</sub> )	
<b>Jul-21 1st FN</b>	04/07/21-05/07/21	16-07-2021	16/07/21-22/07/21	182	76	43	< 25	< 6	South Rain
<b>Jul-21 2nd FN</b>	22/07/21-23/07/21	02-08-2021	02/08/21-06/08/21	161	72	37	< 25	< 6	East Rain
<b>Aug-21 3rd FN</b>	06/08/21-07/08/21	16-08-2021	16/08/21-21/08/21	113	60	35	< 25	< 6	North Rain
<b>Aug-21 4th FN</b>	22/08/21-23/08/21	01-09-2021	01/09/21-07/09/21	251	127	64	< 25	< 6	North Rain
<b>Sep-21 5th FN</b>	05/09/21-06/09/21	16-09-2021	16/09/21-21/09/21	197	83	41	< 25	< 6	South Rain
<b>Sep-21 6th FN</b>	21/09/21-22/09/21	01-10-2021	01/10/21-11/10/21	184	76	39	< 25	< 6	East Rain

**Note:**

1. Gazette Notification No. G.S.R 742(E) dt.25th Sept. '2000 is applicable in core zone.
2. Gazette Notification No. G.S.R 826 (E) dt.Nov. '2009 is applicable in buffer zone.

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**TEST REPORT**

<b>09/21 Test Report No. 1423</b>	<b>Job No. 094321044</b>	<b>Year</b>	FY2021-22
Type of Sample	Ambient Air	Quarter Ending	Sep-21
Customer	CCL		
Mode of Receipt of Sample:	Joint sampling with customer		
Testing/Sampling Protocol	IS 5182 (part 14): 2000 ,R -2010, Methods for Measurement of Air Pollution, LQR 32		
Remarks & Observation:	All samplers placed 1.5 m above ground level		

**TEST RESULT**

The sample has been tested with the following results:-

**Area :** Barka-Sayal      **Project:** Urimari OC      **Stations:** Jarjara colony

Month	Date of Sampling	Date of receipt of sample	Date of analysis	Parameters ( in $\mu\text{g}/\text{m}^3$ )					Wind Direction (from) & Weather
				Total Particulate Matter (PM <sub>10</sub> +>PM <sub>10</sub> )TPM	Particulate Matter (PM <sub>10</sub> )	Particulate Matter (PM <sub>2.5</sub> )	Sulphur Dioxide (SO <sub>2</sub> )	Nitrogen Oxides (as NO <sub>x</sub> )	
<b>Jul-21 1st FN</b>	05/07/21-06/07/21	16-07-2021	16/07/21-22/07/21	174	75	37	< 25	< 6	South Rain
<b>Jul-21 2nd FN</b>	23/07/21-24/07/21	02-08-2021	02/08/21-06/08/21	156	67	32	< 25	< 6	East Rain
<b>Aug-21 3rd FN</b>	06/08/21-07/08/21	16-08-2021	16/08/21-21/08/21	135	63	33	< 25	< 6	North Rain
<b>Aug-21 4th FN</b>	23/08/21-24/08/21	01-09-2021	01/09/21-07/09/21	119	52	24	< 25	< 6	North Rain
<b>Sep-21 5th FN</b>	05/09/21-06/09/21	16-09-2021	16/09/21-21/09/21	156	60	32	< 25	< 6	South Rain
<b>Sep-21 6th FN</b>	21/09/21-22/09/21	01-10-2021	01/10/21-11/10/21	160	66	33	< 25	< 6	East Rain

**Note:**

1. Gazette Notification No. G.S.R 742(E) dt.25th Sept.'2000 is applicable in core zone.
2. Gazette Notification No. G.S.R 826 (E) dt.Nov.'2009 is applicable in buffer zone.

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**TEST REPORT**

<b>09/21 Test Report No. 1424</b>	<b>Job No. 094321044</b>	<b>Year</b>	FY2021-22
Type of Sample	Ambient Air	Quarter Ending	Sep-21
Customer	CCL		
Mode of Receipt of Sample:	Joint sampling with customer		
Testing/Sampling Protocol	IS 5182 (part 14): 2000 ,R -2010, Methods for Measurement of Air Pollution, LQR 32		
Remarks & Observation:	All samplers placed 1.5 m above ground level		

**TEST RESULT**

The sample has been tested with the following results:-

**Area :** Barka-Sayal      **Project:** Urimari OC      **Stations:** DAV School

Month	Date of Sampling	Date of receipt of sample	Date of analysis	Parameters ( in $\mu\text{g}/\text{m}^3$ )					Wind Direction (from) & Weather
				Total Particulate Matter (PM <sub>10</sub> +>PM <sub>10</sub> )TPM	Particulate Matter (PM <sub>10</sub> )	Particulate Matter (PM <sub>2.5</sub> )	Sulphur Dioxide (SO <sub>2</sub> )	Nitrogen Oxides (as NO <sub>x</sub> )	
<b>Jul-21 1st FN</b>	05/07/21-06/07/21	16-07-2021	16/07/21-22/07/21	216	84	45	< 25	< 6	South Rain
<b>Jul-21 2nd FN</b>	23/07/21-24/07/21	02-08-2021	02/08/21-06/08/21	98	48	20	< 25	< 6	East Rain
<b>Aug-21 3rd FN</b>	06/08/21-07/08/21	16-08-2021	16/08/21-21/08/21	117	53	31	< 25	< 6	North Rain
<b>Aug-21 4th FN</b>	23/08/21-24/08/21	01-09-2021	01/09/21-07/09/21	98	40	23	< 25	< 6	North Rain
<b>Sep-21 5th FN</b>	06/09/21-07/09/21	16-09-2021	16/09/21-21/09/21	109	45	21	< 25	< 6	South Rain
<b>Sep-21 6th FN</b>	22/09/21-23/09/21	01-10-2021	01/10/21-11/10/21	187	75	29	< 25	< 6	East Rain

**Note:**

1. Gazette Notification No. G.S.R 742(E) dt.25th Sept.'2000 is applicable in core zone.
2. Gazette Notification No. G.S.R 826 (E) dt.Nov.'2009 is applicable in buffer zone.

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**TEST REPORT**

<b>09/21 Test Report No. 1425</b>	<b>Job No. 094321044</b>	<b>Year</b>	FY2021-22
Type of Sample	Ambient Air	Quarter Ending	Sep-21
Customer	CCL		
Mode of Receipt of Sample:	Joint sampling with customer		
Testing/Sampling Protocol	IS 5182 (part 14): 2000 ,R -2010, Methods for Measurement of Air Pollution, LQR 32		
Remarks & Observation:	All samplers placed 1.5 m above ground level		

**TEST RESULT**

The sample has been tested with the following results:-

**Area :** Barka-Sayal      **Project:** Urimari OC      **Stations:** P.O.Office

Month	Date of Sampling	Date of receipt of sample	Date of analysis	Parameters ( in $\mu\text{g}/\text{m}^3$ )					Wind Direction (from) & Weather
				Total Particulate Matter (PM <sub>10</sub> + >PM <sub>10</sub> )TPM	Particulate Matter (PM <sub>10</sub> )	Particulate Matter (PM <sub>2.5</sub> )	Sulphur Dioxide (SO <sub>2</sub> )	Nitrogen Oxides (as NO <sub>x</sub> )	
<b>Jul-21 1st FN</b>	05/07/21-06/07/21	16-07-2021	16/07/21-22/07/21	189	95	41	< 25	< 6	South Rain
<b>Jul-21 2nd FN</b>	23/07/21-24/07/21	02-08-2021	02/08/21-06/08/21	218	104	55	< 25	< 6	East Rain
<b>Aug-21 3rd FN</b>	07/08/21-08/08/21	16-08-2021	16/08/21-21/08/21	244	112	51	< 25	< 6	North Rain
<b>Aug-21 4th FN</b>	23/08/21-24/08/21	01-09-2021	01/09/21-07/09/21	298	138	63	< 25	< 6	South Cloud
<b>Sep-21 5th FN</b>	06/09/21-07/09/21	16-09-2021	16/09/21-21/09/21	234	93	46	< 25	< 6	North Sunny
<b>Sep-21 6th FN</b>	22/09/21-23/09/21	01-10-2021	01/10/21-11/10/21	203	112	44	< 25	< 6	East Rain

**Note:**

1. Gazette Notification No. G.S.R 742(E) dt.25th Sept.'2000 is applicable in core zone.
2. Gazette Notification No. G.S.R 826 (E) dt.Nov.'2009 is applicable in buffer zone.

Analysed By

Authorized Signatory

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**TEST REPORT**

<b>09/21 Test Report No. 1426</b>	<b>Job No. 094321044</b>	<b>Year</b>	<b>FY2021-22</b>
Type of Sample:	Noise	Quarter Ending	Sep-21
Customer	CCL		
Sampling Protocol	<i>'The noise pollution (Regulation and Control), Rules,2000, LQR 34</i>		
Remarks:			

**TEST RESULT**

The sample has been tested with the following results:-

**Area :** Barka-Sayal **Project:** Urimari OC

Station Name	Noise Level dB(A) Leq					
	Jul-21 1st FN	Jul-21 2nd FN	Aug-21 3rd FN	Aug-21 4th FN	Sep-21 5th FN	Sep-21 6th FN
	Day/Night	Day/Night	Day/Night	Day/Night	Day/Night	Day/Night
Date of recording	04-07-2021	22-07-2021	06-08-2021	22-08-2021	05-09-2021	21-09-2021
<b>1. Rest House</b>	50.2/41.2	51.8/47.7	50.9/40.5	50.9/44.2	50.2/40.1	50.6/42.7
Date of recording	05-07-2021	23-07-2021	06-08-2021	23-08-2021	06-09-2021	22-09-2021
<b>2. D.A.V.School</b>	46.1/37.2	49.4/46.5	45.2/40.5	45.2/37.3	46.4/36.2	49.2/39.0

Ambient Air Quality Standards in respect of Noise as per 'The noise pollution (Regulation and Control), Rules,2000		
Time Frame	Limits in dB(A) Leq	
	Day Time 6.00 AM to 10.00 PM	Night Time 10.00 PM to 6.00 AM
Industrial Area	75	70
Commercial Area	65	55
Residential area	55	45
Silence Zone	50	40

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**ENVIRONMENT LABORATORY , CMPDI (HQ) , RANCHI**

**TEST REPORT**

<b>09/21 Test Report No. 1427</b>	<b>Job No. 094321044</b>	<b>Year</b>	<b>FY2021-22</b>
Type of Sample:	<b>Effluent Water</b>	Quarter Ending	<b>Sep-21</b>
Customer	CCL		
Mode of Receipt of Sample:	Joint sampling with customer		
Sampling Protocol	<b>MOEF -SCH-VI STANDARDS, Class 'A', LQR 33</b>		
Remarks & Observation:	Samples received in 5 ltrs plastic Jerri cane, Colour as observed is transparent		

**TEST RESULT**

The sample has been tested with the following results:-

**Area :** Barka-Sayal      **Project:** Urimari OC      **Stations:** Urimari OCP Discharge

Analysis Results of FN Effluent Water							
Parameters →				<b>COD</b>	<b>O &amp; G</b>	<b>pH value</b>	<b>TSS</b>
<b>Detection Limit</b>				<b>4</b>	<b>2</b>	<b>0.2</b>	<b>10</b>
<b>MOEF -SCH-VI, STANDARDS, Class 'A'</b>				<b>250</b>	<b>10</b>	<b>5.5 to 9.0</b>	<b>100</b>
Month	Date of Sampling	Date of Receipt of Sample	Date of Analysis	<b>Value in mg/l, except pH</b>			
<b>Jul-21 1st FN</b>	10/07/21	16/07/21	16/07/21-03/08/21	24	<2.00	7.67	30.2
<b>Jul-21 2nd FN</b>	28/07/21	02/08/21	02/08/21-17/08/21	28	<2.00	7.81	33.6
<b>Aug-21 3rd FN</b>	10/08/21	16/08/21	16/08/21-01/09/21	28	<2.00	7.31	33.2
<b>Aug-21 4th FN</b>	27/08/21	01/09/21	01/09/21-16/09/21	28	<2.00	7.52	32.8
<b>Sep-21 5th FN</b>	11/09/21	16/09/21	16/09/21-30/09/21	24	<2.00	8.04	29.8
<b>Sep-21 6th FN</b>	27/09/21	01/10/21	01/10/21-09/10/21	28	<2.00	7.46	32.8
<b>BIS Standard &amp; Method</b>				APHA, 23rd Edition, Closed Reflux, Titrimetric Method, 2017	IS 3025/39:1991, R : 2003, Partition Gravimetric	IS-3025/11:1983, R-1996, Electrometric	IS 3025/17:1984, R :1996, Gravimetric Method

Analysed By

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**ENVIRONMENT LABORATORY , CMPDI (HQ) , RANCHI**

**TEST REPORT**

<b>09/21 Test Report No. 1428</b>	<b>Job No. 094321044</b>	<b>Year</b>	FY2021-22
Type of Sample:	<b>Surface Water</b>	Quarter Ending	Sep-21
Customer	CCL	Date of Receipt:	16-07-2021
Mode of Receipt of Sample:	Joint sampling with customer	Date of Analysis:	16.07.21-14.08.21
Sampling Protocol	LQR 33		
Remarks & Observation:	Samples received in 5 ltrs plastic Jerri cane, Colour as observed is transparent		

**TEST RESULT**

The sample has been tested with the following results:-

<b>Area :</b>	<b>Barka-Sayal</b>	<b>Project:</b>	<b>Urimari OC</b>
<b>Stations:</b>			<b>Date of Sampling:</b>
	1. Tilaya Nala before Joining Damodar		10-07-2021
	2. Up stream of Tilaya Nala		10-07-2021
	3. Downstream of Tilaya Nala		10-07-2021

Sl. No	Parameter	Sampling Stations				Detection Limit	BIS Standard & Method
		1	2	3	4		
1	Arsenic (as As), mg/l, Max	<0.002	<0.002	<0.002		0.002	IS 3025/37:1988 R : 2003, AAS-VGA, Method
2	BOD (3 days 27°C), mg/l, Max	2.4	<2.00	<2.00		2.00	IS 3025 /44: 1993, R: 2003 3 day incubation at 27°C
3	Cadmium(as Cd), mg/l, Max	<0.0004	<0.0004	<0.0004		0.0004	APHA, 23rd Edition AAS-GTA Method, 2017
4	Chlorides (as Cl), mg/l, Max	6	20	44		2.00	IS-3025/32:1988, R-2007, Argentometric Method
5	Copper (as Cu), mg/l, Max	<0.02	<0.02	<0.02		0.02	IS 3025/42: 1992, R : 2009, AAS (Air-Ac-Flame)
6	Dissolved Oxygen, min.	5.6	6.2	6		0.10	IS 3025/38: 1989, R:2003, Winkler Azide Method
7	Fluoride (as F) mg/l, Max	0.79	1.59	1.77		0.02	APHA, 23rd Edition, SPADNS Method, 2017
8	Hexavalent Chromium, mg/l, Max	<0.01	<0.01	<0.01		0.01	APHA, 23rd Edition, 2017 Diphenylcarbohydrazide,
9	Iron (as Fe), mg/l, Max	<0.04	<0.04	<0.04		0.04	IS 3025 /53: 2003, R : 2009, AAS (Air-Ac-Flame)
10	Lead (as Pb), mg/l, Max	<0.001	<0.001	<0.001		0.001	APHA, 23rd Edition AAS-GTA Method, 2017
11	Nitrate (as NO <sub>3</sub> ), mg/l, Max	0.86	3.50	9.60		0.50	APHA, 23rd Edition, UV - Spectrophotometric, 2017
12	pH value	7.88	7.85	8.01		1.0	IS-3025/11:1983, R-1996, Electrometric Method
13	Phenolic compounds (as C <sub>6</sub> H <sub>5</sub> OH), mg/l, Max	<0.001	<0.001	<0.001		0.001	APHA, 23rd Edition, 2017, 4-Amino Antipyrine Method,
14	Selenium (as Se), mg/l, Max	<0.0005	<0.0005	<0.0005		0.0005	IS 3025/56:2003 AAS-VGA Method
15	Sulphate (as SO <sub>4</sub> ) mg/l, Max	70	112.2	104.6		2.00	APHA, 23rd Edition Turbidity Method, 2017
16	Total Dissolved Solids, mg/l, Max	238	326	320		25.00	IS 3025 /16:1984 R : 2006, Gravimetric Method
17	Total Suspended Solids, mg/l, Max	44.6	27.4	27.8		10.00	IS 3025 /17:1984, R :1996, Gravimetric Method
18	Zinc (as Zn), mg/l, Max	<0.005	<0.005	<0.005		0.005	IS 3025 /49: 1994, R : 2009, AAS (Air-Ac-Flame)

Analysed By

Authorized Signatory

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4. A copy of Bill of Quantity (BOQ) is enclosed for ready reference.
5. There is no Abnormally Low Rate (ALR) item or no Abnormally High Rate (AHR) item in this work.
6. Prevalent Standard General terms and conditions of Conditions of Contract of CCL for civil contracts shall be applicable for this work.
7. All running on A/c bills shall be paid at 95% of the work value. The 5% deduction towards retention money will form Second Part of Security deposit and shall be refunded after issue of no defect certificate.
8. You shall comply with Contract Labour (Regulation and Abolition) Act and make payments to your workmen accordingly. In case you engage 10 & above labourers in the work on any working day you shall be required to submit registration certificate under the B.O.C.W. (RE&CS) Act 1996 and in case you engage 20 (Twenty) or more labourers in the work on any working day you shall be required to submit Labour license under Contract Labour (Regulation & Abolition) Act 1970 for the same.
9. You shall comply with CMPF/any other appropriate PF authority's clause of tender document and you will have to submit "No dues certificate" from Provident Fund Authority, Ministry of Labour, Govt. of India at Jharkhand before finalization of final bill.
10. Work shall be executed strictly as per specification in accordance with laid down norms of company.
11. You shall be responsible for arranging all necessary tests of materials as per instruction of Engineer-in-Charge at your own cost as per Prevalent Standard General terms and conditions of Conditions of Contract of CCL for civil contracts.
12. You shall make your own arrangement for all materials, tools, staff and labour required for the above work. The rates for the work include all taxes (excluding GST), octroi, carriage, tools etc. for execution and completion of work.
13. You shall arrange necessary water for the work & for your own establishment. However, if available and feasible the company may arrange water at one point near the work site for which recovery @ 1% (One percent) of the contract value of work done shall be made from your bills.
14. The technical personnel shall be engaged by you on work site as per terms and conditions of tender document.
15. You shall not employ on this contract any close relatives of CCL's employee.
16. Before clearance of final bill you will submit royalty clearance from concerned Mining Officer.
17. All investments, operating expenses, incidentals, overheads, lifts, carriages, tools and plants etc. as may be attendant upon execution and completion of works shall also be included in the rates, prices and total quotation offer price submitted by the bidder.
18. **Input Tax Credit (ITC) is not available for this work.**
19. Your tax invoice raised must be in compliance of relevant GST Acts, Rules and notifications made thereunder and should bear the GSTIN of CCL. The rate and amount of IGST/CGST/SGST, GST (Compensation to State) cess (if any), related to execution of work shall be shown separately in Tax invoice.
20. The IGST/CGST/SGST and GST (Compensation to State) cess (if any), as applicable at the time of execution of the work, shall be paid extra against submission of proper tax invoice, as referred above by you so that CCL is able to avail Input tax Credit (If available) of such IGST/CGST/SGST, GST (Compensation to State) cess (if any) reflected in the invoice.
21. If the ITC claimed is disallowed due to failure on your part in incorporating the tax invoice issued to CCL in its relevant returns under GST, payment of IGST/CGST/SGST, GST (Compensation to State) cess (if any) shown in tax invoice to the tax authorities, issue of improper tax invoice or any other reason whatsoever, the applicable taxes and cess paid based on such tax invoice alongwith interest, penalties if any levied on CCL, shall be recovered from your current Bills and any other dues.
22. The amount of IGST/CGST/SGST and GST cess if any as indicated in Tax invoice shall be paid only when they appear in GSTR 2A of CCL and you have filed the valid return in accordance with provisions of the GST acts and Rules made thereunder.

23. In the event of any additional tax liabilities accruing on you due to classification issue or for any other reason the liability of CCL shall be restricted to the amount of GST charged on original tax invoice issued by you.
24. You shall pass on the benefit on account of reduction in rate of tax on any supply of goods and / or services or any benefit of the input tax credit to CCL by way of commensurate reduction in prices in terms of Anti profiteering clause of GST Act 2017.
25. You are requested to submit the following for execution of Agreement within 21 (twenty one) days from the issue of this Award of Work: –
- An amount of **Rs.21,910.00 (Rupees twenty one thousand nine hundred ten)** only towards Performance Security in the form given below:-
    - Govt. Securities or FDR duly pledged in favour of Central Coalfields Limited.
    - Demand Draft in favour of Central Coalfields Limited (BS), Barka-Sayal Area from any Scheduled Bank payable at SBI Saunda (Ramgarh)
  - Non-judicial stamp paper of **Rs.100/-** only for execution of agreement alongwith partnership deed / Memorandum & Articles of Association, Power of attorney if any, GST identification Number etc.
  - Site handover and takeover certificate, jointly signed by Engineer-in-Charge and the Contractor/ authorized representative.
  - Time Bound Programme for completion of the work within stipulated time as per NIT showing physical progress of work duly signed by Engineer-in-Charge and the Contractor/authorized representative.
  - Registration under B.O.C.W. (RE&CS) Act and / or Labour License as per Contract Labour (Regulation & Abolition) Act and Insurance (if any) as per NIT before execution of detailed work order / any payment are made to you against this work.
  - You will have to submit undertaking on your letter head the company against any liability arising out of non-observance of the statutory provisions like royalty payments, all taxes, Workmen Compensation Act, Minimum Wages Act, Income Tax Act, Contract Labour (Regulation & Abolition) Act etc.
26. You are requested to contact the **Project Engineer (Civil), Urimari Project / Overseer (Civil), Urimari Project** for further needful action regarding execution of work.

Yours faithfully

*[Signature]*  
27/8/2021  
Staff officer (Civil)  
Barka-sayal Area

**DISTRIBUTION:-**

- T.S to CVO, CCL HQ., Ranchi
- G.M. (B-S), Barka-Sayal Area
- A.F.M. (B-S), Barka-Sayal Area :-
- Project Officer, Urimari Project
- Dy. Manager (F), Urimari Project
- P.E. (Civil), Urimari Project
- Overseer (C), Urimari Project
- Cashier, GM Unit (BS) Sayal
- Office file

In reference to Budget Certification vide no. A. F.M (B-S) Concurrence under Cap. / Budget / 20-21 vide no. G.M (BS) / Env. Acty / URI / TCR / Saving / M/S Kuldeep Saw / 07 & dated-27.03.2021 for **Rs.7,30,339.52** only and saving of **Rs.1,29,895.47** only



(CENTRAL COALFIELDS LIMITED)  
(Aminiratna Cat of Company)  
OFFICE OF THE GENERAL MANAGER (B-S)  
BARKA – SAYAL AREA



Ref. No: CCL / Barka-Sayal / Urimari Proj. / Civil / AOW / 21-22 / 1054 Dt. 30.06.2021

Registered post/ Speed Post

To,  
BHOLA SAW  
At – Napokhurd, P.O.- Gosaibalia  
Barkagaon, Hazaribagh (Jharkhand)  
Email Id- [anjan.patratu@gmail.com](mailto:anjan.patratu@gmail.com)  
Mobile No. 8210976018

PAN NO: BLQPS7289M

Sub:	Award of work for "Heightening of tank of oil and grease trap, making berm drain, sedimentation pits and repairing of damaged boundary wall at Base workshop under Urimari Project".
Ref.:	e-NIT No. 07 of 2020-21, vide Ref. No. GM (BS) / Civil / Tender / 2020-21 / 14 dt..07.05.2021, Bid submission end date on 20.05.2021, Bid opening date 21.05.2021. (Tender ID No. 2021_CCL_205649_1)

Dear Sir,S

In response to your tender for the subject work mentioned above, this is to inform you that your offer for a contract amount of **Rs.3,36,011.16 (Rupees three lakh thirty six thousand eleven and paise sixteen)** only inclusive of GST amount of **Rs.51,255.94 (Rupees fifty one thousand two hundred fifty five and ninety four)** and **Rs.2,84,755.22 (Rupees two lakh eighty four thousand seven hundred fifty five and paise twenty two)** only exclusive of GST amount [Input Tax Credit (ITC) not available] to undertake the work has been accepted by CCL, subject to the following stipulations / conditions which are supplementaries / complementaries to the conditions of the quotation documents: –

- The payment of GST and GST Compensation Cess by the service availer (i.e. CCL) to bidder/ contractor (If GST payable by bidder/ contractor) would be made only on the latter submitting a Bill/Invoice in accordance with the provision of relevant GST Act and the rules made there under and after online filing of valid return on GST portal. The payment of GST and GST Compensation Cess is responsibility of the Contractor.
- The period of completion of work shall be **30 (thirty)** days from expiry of 10 (Ten) days from the issue of this award of work or within 07 (Seven) days of handing over of the site, whichever is later.
- (a) EMD is not applicable for this tender.  
(b) You are required to deposit the total performance security money amount to **Rs.10,081.00 (Rupees ten thousand eighty one)** only i.e. 3% of the contract amount. In case the successful bidder fails to submit the Performance Security and within the stipulated time then the award of work shall be cancelled.

Additionally, the company shall **ban such defaulting contractor for a period of 02 (two years)** from being eligible to submit Bids in CIL and its subsidiaries from the date of issue of such letter.

This banning shall be done under the provisions of the NIT and online blocking of the bidder shall be done in CIL e-Procurement portal.

In case of JV/Partnership firm, the banning shall also be applicable to all individual partners of JV/Partnership firm.

- A copy of Bill of Quantity (BOQ) is enclosed for ready reference.
- There is no Abnormally Low Rate (ALR) item or no Abnormally High Rate (AHR) item in this work.
- Prevalent Standard General terms and conditions of Conditions of Contract of CCL for civil contracts shall be applicable for this work.

o/c

29/6/2021



7. All running on A/c bills shall be paid at 95% of the work value. The 5% deduction towards retention money will form Second Part of Security deposit and shall be refunded after issue of no defect certificate.
8. You shall comply with Contract Labour (Regulation and Abolition) Act and make payments to your workmen accordingly. In case you engage 10 & above labourers in the work on any working day you shall be required to submit registration certificate under the B.O.C.W. (RE&CS) Act 1996 and in case you engage 20 (Twenty) or more labourers in the work on any working day you shall be required to submit Labour license under Contract Labour (Regulation & Abolition) Act 1970 for the same.
9. You shall comply with CMPF/any other appropriate PF authority's clause of tender document and you will have to submit "No dues certificate" from Provident Fund Authority, Ministry of Labour, Govt. of India at Jharkhand before finalization of final bill.
10. Work shall be executed strictly as per specification in accordance with laid down norms of company.
11. You shall be responsible for arranging all necessary tests of materials as per instruction of Engineer-in-Charge at your own cost as per Prevalent Standard General terms and conditions of Conditions of Contract of CCL for civil contracts.
12. You shall make your own arrangement for all materials, tools, staff and labour required for the above work. The rates for the work include all taxes (excluding GST), octroi, carriage, tools etc. for execution and completion of work.
13. You shall arrange necessary water for the work & for your own establishment. However, if available and feasible the company may arrange water at one point near the work site for which recovery @ 1% (One percent) of the contract value of work done shall be made from your bills.
14. The technical personnel shall be engaged by you on work site as per terms and conditions of tender document.
15. You shall not employ on this contract any close relatives of CCL's employee.
16. Before clearance of final bill you will submit royalty clearance from concerned Mining Officer.
17. All investments, operating expenses, incidentals, overheads, lifts, carriages, tools and plants etc. as may be attendant upon execution and completion of works shall also be included in the rates, prices and total quotation offer price submitted by the bidder.
- 18. Input Tax Credit (ITC) is not available for this work.**
19. Your tax invoice raised must be in compliance of relevant GST Acts, Rules and notifications made thereunder and should bear the GSTIN of CCL. The rate and amount of IGST/CGST/SGST, GST (Compensation to State) cess (if any), related to execution of work shall be shown separately in Tax invoice.
20. The IGST/CGST/SGST and GST (Compensation to State) cess (if any), as applicable at the time of execution of the work, shall be paid extra against submission of proper tax invoice, as referred above by you so that CCL is able to avail Input tax Credit (If available) of such IGST/CGST/SGST, GST (Compensation to State) cess (if any) reflected in the invoice.
21. If the ITC claimed is disallowed due to failure on your part in incorporating the tax invoice issued to CCL in its relevant returns under GST, payment of IGST/CGST/SGST, GST (Compensation to State) cess (if any) shown in tax invoice to the tax authorities, issue of improper tax invoice or any other reason whatsoever, the applicable taxes and cess paid based on such tax invoice alongwith interest, penalties if any levied on CCL, shall be recovered from your current Bills and any other dues.
22. The amount of IGST/CGST/SGST and GST cess if any as indicated in Tax invoice shall be paid only when they appear in GSTR 2A of CCL and you have filed the valid return in accordance with provisions of the GST acts and Rules made thereunder.
23. In the event of any additional tax liabilities accruing on you due to classification issue or for any other reason the liability of CCL shall be restricted to the amount of GST charged on original tax invoice issued by you.
24. You shall pass on the benefit on account of reduction in rate of tax on any supply of goods and/or services or any benefit of the input tax credit to CCL by way of commensurate reduction in prices in terms of Anti profiteering clause of GST Act 2017.

29/6/2023

25. You are requested to submit the following for execution of Detail Work Order within 21 (twenty one) days from the issue of this Award of Work: –
- An amount of **Rs.10,081.00 (Rupees ten thousand eighty one)** only towards Performance Security in the form given below:-
    - Govt. Securities or FDR duly pledged in favour of Central Coalfields Limited.
    - Demand Draft in favour of Central Coalfields Limited (BS), Barka-Sayal Area from any Scheduled Bank payable at SBI Saunda (Ramgarh)
  - Site handover and takeover certificate, jointly signed by Engineer-in-Charge and the Contractor/ authorized representative.
  - Time Bound Programme for completion of the work within stipulated time as per NIT showing physical progress of work duly signed by Engineer-in-Charge and the Contractor/authorized representative.
  - Registration under B.O.C.W. (RE&CS) Act and / or Labour License as per Contract Labour (Regulation & Abolition) Act and Insurance (if any) as per NIT before execution of detailed work order / any payment are made to you against this work. *if Applicable.*
  - You will have to submit undertaking on your letter head the company against any liability arising out of non-observance of the statutory provisions like royalty payments, all taxes, Workmen Compensation Act, Minimum Wages Act, Income Tax Act, Contract Labour (Regulation & Abolition) Act etc.
26. You are requested to contact the **Project Engineer (Civil), Urimari Project / Overseer (Civil), Urimari Project** for further needful action regarding execution of work.

Yours faithfully


*29/6/2021*  
 Staff officer (Civil)  
 Barka-sayal Area

**DISTRIBUTION:-**

- T.S to CVO, CCL HQ., Ranchi
- G.M. (B-S), Barka-Sayal Area
- A.F.M. (B-S), Barka-Sayal Area :-
- P.O. Urimari Project
- P.E. (Civil), Urimari Project
- Dy. Manager (F) Urimari Project
- Overseer (C), Urimari Project
- Cashier, AFM B-S Area
- Office file

In reference to Budget Certification vide no. A. F.M (B-S) Concurrence under Rev. / Budget. 2021-22 / vide no. G.M (BS) / OC / 004226 / URI / TCR / Addnl. Bud. / Bhola Saw / 05(A) dated-21.06.2021 for **Rs.27,744.05** & AFM (BS)/ Concurrence under Rev. Budget / 2021-22 / vide no. GM (BS) / Other Cont. / 004226 / Urimari / Est. / 05 dated 05.05.2021 for **Rs.3,08,267.11 = Total Rs.3,36,011.16**

**TEST REPORT**

 TC - 7470	Lab No. T-2187		Job No. 094320075	2021-22
	0621 Test Report No. Metal/05			
Type of Sample	Ambient Air	Quarter Ending	June '21	
Customer	CCL	Date of Receipt of Sample:	03/05/2021	
Mode of Receipt of Sample:	Joint sampling with customer	Date of Analysis:	06/09/21-20/09/21	
Sampling Protocol:	USEPA IO-3.2: 1999, LQR 32			
Remarks & Observation:	All samplers placed 1.5 m above ground level			

**TEST RESULT**


The sample has been tested with the following results:-

<b>Area :</b>	<b>Barka-Soyal</b>	<b>Project:</b>	<b>Urimari OC</b>
<b>Stations:</b>	1. Rest House 2. Jarjara colony 3. DAV School 4. P.O.Office	<b>Date of Sampling:</b>	21-22/04/2021 22-23/04/2021 22-23/04/2021 22-23/04/2021

S.No	Test Parameters	Units	Test Result				Method detection Limit	Limit (NAAQS-2011)	Test Method
			1	2	3	4			
Stations:			1	2	3	4			
1	Conc. of As in Air	ng/m <sup>3</sup>	2.20	2.64	2.75	2.00	0.1	6.00	USEPA IO-3.2:1999
2	Conc. of Ni in Air	ng/m <sup>3</sup>	18.87	19.74	18.60	18.26	0.1	20.00	USEPA IO-3.2:1999
3	Conc. of Pb in Air	µg/m <sup>3</sup>	0.047	0.035	0.054	0.027	0.005	1.0	USEPA IO-3.2: 1999
4	Conc. of Cu in Air	ng/m <sup>3</sup>	8.54	3.35	11.59	5.92	0.1	-	USEPA IO-3.2: 1999
5	Conc. of Cd in Air	ng/m <sup>3</sup>	0.140	0.047	0.157	0.110	0.02	-	USEPA IO-3.2: 1999
6	Conc. of Cr in Air	ng/m <sup>3</sup>	11.59	10.94	12.27	6.45	0.1	-	USEPA IO-3.2: 1999

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**TEST REPORT**

 TC - 7470	Lab No. T-2187		
	12/20 Test Report No. Metal/05	Job No. 094320075	2020-21
Type of Sample	Ambient Air	Quarter Ending	Dec.'20
Customer	CCL	Date of Receipt of Sample:	16/12/2020
Mode of Receipt of Sample:	Joint sampling with customer	Date of Analysis:	09/02-12/02/2021
Sampling Protocol:	USEPA IO-3.2: 1999, LQR 32		
Remarks & Observation:	All samplers placed 1.5 m above ground level		

**TEST RESULT**

The sample has been tested with the following results:-

<b>Area :</b>	<b>Barka-Sayal</b>	<b>Project:</b>	<b>Urimari OC</b>
<b>Stations:</b>	1. Rest House 2. Jarjara colony 3. DAV School 4. P.O.Office	<b>Date of Sampling:</b>	05-06/12/2020 05-06/12/2020 06-07/12/2020 06-07/12/2020

S.No	Test Parameters	Units	Test Result				Method detection Limit	Limit (NAAQS-2011)	Test Method
			1	2	3	4			
	Stations:								
1	Conc. of As in Air	ng/m <sup>3</sup>	2.74	5.55	2.83	4.41	0.1	6.00	USEPA IO-3.2:1999
2	Conc. of Pb in Air	µg/m <sup>3</sup>	0.03	0.06	0.03	0.03	0.02	0.5	USEPA IO-3.2:1999
3	Conc. of Ni in Air	ng/m <sup>3</sup>	19.72	19.56	19.55	19.17	0.1	20.00	USEPA IO-3.2: 1999
4	Conc. of Hg in Air	ng/m <sup>3</sup>	0.55	0.93	0.66	1.12	0.1	-	USEPA IO-3.2: 1999
5	Conc. of Cd in Air	ng/m <sup>3</sup>	0.93	0.82	1.38	1.03	0.1	-	USEPA IO-3.2: 1999
6	Conc. of Cr in Air	ng/m <sup>3</sup>	1.25	3.40	2.21	3.01	0.1	-	USEPA IO-3.2: 1999

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**ENVIRONMENT LABORATORY, CMPDI (HQ), RANCHI**

**TEST REPORT**

<b>03/21 Test Report No. 1426</b>	<b>Job No. 094320075</b>	<b>Year</b>	<b>FY20-21</b>
Type of Sample:	Noise	Quarter Ending	<b>Mar-21</b>
Customer	CCL		
Sampling Protocol	<i>'The noise pollution (Regulation and Control), Rules,2000, LQR 34</i>		
Remarks:			

**TEST RESULT**

The sample has been tested with the following results:-

**Area :** Barka-Sayal **Project:** Urimari OC

Station Name	Noise Level dB(A) Leq					
	Jan-21 1st FN (Day/Night)	Jan-21 2nd FN (Day/Night)	Feb-21 3rd FN (Day/Night)	Feb-21 4th FN (Day/Night)	Mar-21 5th FN (Day/Night)	Mar-21 6th FN (Day/Night)
<b>Date of recording</b>	<b>08-01-2021</b>	<b>23-01-2021</b>	<b>05-02-2021</b>	<b>20-02-2021</b>	<b>05-03-2021</b>	<b>20-03-2021</b>
<b>1. Rest House</b>	49.8/44.2	50.4/47.0	57.4/52.1	50.4/46.3	51.2/42.9	50.4/49.7
<b>Date of recording</b>	<b>09-01-2021</b>	<b>24-01-2021</b>	<b>06-02-2021</b>	<b>21-02-2021</b>	<b>06-03-2021</b>	<b>21-03-2021</b>
<b>2. D.A.V.School</b>	48.6/43.9	60.2/55.3	54.4/50.2	60.2/52.5	49.2/41.4	60.2/59.4

<i>Ambient Air Quality Standards in respect of Noise as per 'The noise pollution (Regulation and Control), Rules,2000</i>		
Time Frame	Limits in dB(A) Leq	
	Day Time 6.00 AM to 10.00 PM	Night Time 10.00 PM to 6.00 AM
Industrial Area	75	70
Commercial Area	65	55
Residential area	55	45
Silence Zone	50	40

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