

CENTRAL COALFIELDS LIMITED
(A Government of India Enterprise)



EXPRESSION OF INTEREST
FOR

Engagement of prospective agencies for preparation of Physical and AR/VR based models to be showcased at Global Conference cum Exhibition on Environmental Sustainability in Coal Sector.

Venue: Bharat Mandapam, New Delhi or at any other city within India.

EOI Document No.: CCL/Models_Bharat Mandapam/2024-25/30

Dated:29.01.2025

eTender ID: 2025_CCL_327321_1

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1. **Introduction:**

Expression of Interest (EOI) is invited online through Coal India Limited e-procurement portal & email for the purpose of Engagement of prospective agencies for preparation of Physical and AR/VR based models to be showcased at Global Conference cum Exhibition on Environmental Sustainability in Coal Sector to be held at Bharat Mandapam, New Delhi or at any other city within India.

2. **Objective:**

Central Coalfields Limited (CCL), a subsidiary of Coal India Limited (CIL) and has 38 operating mines and 5 coal washeries spread in 8 districts of Jharkhand State having lease hold area of 653 Sq. Km.

CCL will be participating in Global Conference cum Exhibition on Environmental Sustainability in Coal Sector to be held at Bharat Mandapam, New Delhi, or at any other city within India having details as follows:

1. **Duration of Global Conference-cum-Exhibition:** 2 days
2. **Theme of Conference:** Environmental Sustainability in Coal Sector (6 Sessions)
3. **Theme of Exhibition:** Sustainable & Environment Friendly Initiatives in Coal Sector (150 Stalls)
4. **Tentative Date:** Likely in February-March, 2025
5. **Probable/Likely Venue:** New Delhi (Bharat Mandapam) or at any other city within India – Space Approx. 15000 Sq. feet
6. **Chief Guest:** Higher dignitary from the Government of India (Response awaited from PMO).
7. **Expected Participants:** ~ 1000 for Conference and about 20000 visitors in the two days exhibition

For this conference/exhibition, CCL has been entrusted to display/ exhibit 10 No. of models on 8 no. of themes out of a total 84 models being done by CIL as entrusted by Ministry of Coal, GoI. The proposed work's models will be displayed for 2 days at the likely venue.

Physical /AR VR based models on the following themes need to be prepared:

Sl.no.	Name of theme	Name of model with respect to CCL (Physical model and AR or VR based)	Department Concerned	Remarks	For details refer
1.	Beyond Extraction	Proposed status of closed mines and surrounding areas (Mine closure on JT principles) including Post Mine closure model	GM(SD&JT)	The model will be VR/AR based	Annexure I
2.	Bio-reclamation Marvels	Eco-parks in CCL	GM(Civil)	Work already undertaken by Civil Department, HQ	
		Bio-reclamation along with Miyawaki Plantation in CCL	GM(Env)	The model will be physical.	Annexure II
3.	Water for all	Cage fish farming in	GM(Env)	The model will be	Annexure III

		CCL and mine water utilization in CCL		physical.	
		Rejuvenation of traditional water bodies.	GM(CSR)	The model will be VR/AR based.	Annexure IV
4.	Energizing tomorrow	Smart township in CCL	GM(Civil)	Work already undertaken by Civil Department, HQ	
5.	Showcasing cutting edge solutions, safety, security & emission control	Washery Model	GM(Washery)	The model will be physical.	Annexure V
6.	Securing energy and economic landscape	Solar Energy-Roof top, Ground mounted, Solar tree, Floating solar park in CCL	GM(E&M)	The model will be physical.	Annexure VI
7.	Empowering community-enriching lives	CCL ke Lal Ladli	GM(CSR)	The model will be VR/AR based.	Annexure VII
8.	Mission LiFE	Sports Complex, Khelgaon	CEO(JSSPS)	The model will be VR/AR based.	Annexure VIII

Out of above 10 works, the work at Sl. No. (2) (a) & (4) is being taken up separately by Civil Department through their PMCs. Balance 8 works have to be taken up in the proposal by selecting a suitable agency for preparation of models (Physical and VR/AR), placing & display at the venue, display support during exhibition period & carrying the models back to CCL, Ranchi from likely venue once the exhibition is over.

2.0 Scope of Work:

Following is the preliminary scope of work:

1. Selected agency is to perform Designing, preparation/Fabrication, Installation, and supply of realistic 3D static/dynamic models (Physical or AR/VR based) of high standard for themes as mentioned in the objective section.
2. The models and its operations should be interactive and hi-tech in nature to disseminate information about the projects/models as close to the real features/ operations as possible. The operations of the models should be self-explanatory.
3. The model is being prepared targeting its display for 2-day National Conference –Cum-Exhibition, in likely venue. The models should be installed at the venue at least one day prior to the scheduled date of event. Thereafter the models are to be shifted and re-installed at CCL, Headquarter, Darbhanga House, Ranchi, within 10 days after the exhibition is over.

4. The agency shall visit the actual site, if required, for which the models are to be prepared. The draft animated models on the respective themes shall be presented to CCL before finalization of the models. The final design of the model have to be approved by CCL.
5. Agency must depute skilled manpower during exhibition period to ensure smooth display of the models during the exhibition period.
6. Defect liability period shall be 1 year. In case of any defect/damage, the agency shall reinstate/repair the same during the defect liability period.
7. The agency must have experience of preparing and exhibiting such models at national/ international level events & submit details of previous such works as per the format provided in **Annexure XII**. The Agency must have experience of works (includes completed / ongoing) of similar nature valuing 50 % of the estimated value of the work put to Tender in any year (consecutive 365 days) during last 7(seven) years ending last day of month previous to the one in which bid applications are invited.
8. Detailed specifications of Physical Models - Overall size of the Models subject to the different themes:
 - I. Length: 6 ft
 - II. Breadth: 4 ft
 - III. Height above the top of the base: around 2ft 6 inch.
 - IV. Models should be all around covered with good quality unbreakable transparent 5.00 mm acrylic sheet/glass.
 - V. Size of the models may vary to the tune of (\pm) 6 inches as per the requirement of respective projects.
9. **Materials to be used for physical models:** Laminated Acrylics, Metals (Aluminum/ Brass), Treated Boards/Wood, Aluminum Composite, Fiber reinforced polymer, synthetic flora, synthetic adhesives, colored LEDs with dedicated electronics interfaces, Audio Visual equipment, etc., Digital labels/write-ups. All materials used while preparing the models should be of environmentally friendly nature to the extent possible.
10. **Equipment for viewing AR/VR based models-** 5 set of Wearable and 3 minutes video for every theme i.e. 20 sets of wearable for all AR/VR based models. 2 set of wearable for each model will be handed over to CCL after the completion of exhibition.
11. Inputs on Static/Dynamic models (whether physical or AR/VR based) with all the important features of the models, will be shared by concerned department of CCL to the agency in the form of soft copy of documents, available videos /short films/ flow chart of operation available/ photos/presentations.
12. **Completion time:**
 - I. Models should be completed within 30 days from the date of issuance of the work order. During the stage of the preparation, CCL shall review the progress by video calling or actual visit of workshop where models are to be prepared.
 - II. The models should be installed at the venue at least one day prior to the scheduled date of event.
 - III. Thereafter the models are to be shifted and re-installed at specified location at CCL, Headquarter, Darbhanga House, Ranchi, within 10 days after the exhibition is over.

13. Deliverables

- I. 3D static/dynamic (physical and AR/VR) models
- II. Agency has to depute skilled manpower during exhibition period (to be communicated after finalization of date and venue) to ensure smooth display of the models during the exhibition period.
- III. After the completion of event the models are to be shifted and reinstalled at CCL, Headquarter, Darbhanga House, Ranchi.
- IV. As per the scope of work

14. Payment schedule: The selected agency shall be paid for the service as per the schedule below:

S.N	Stage	Amount to be paid by CCL to the selected agency
1	On successful installation of the models and facilitating the display of the models during the exhibition.	50 % of award value
2	On transporting and successfully installing the models at CCL, Hq, Darbhanga House, Ranchi.	30 % of award value
3	On completion of defect liability period of 1 year reckoned from installation of models at the exhibition.	20 % of award value

CCL requires the following information from the Applicants/proposers through Annexure XIV:

- I. Estimated cost for the work based on the scope of work mentioned in this document;
- II. Eligibility Criteria for participation including experience of previous work;
- III. Completion period of service;
- IV. Detail of additional scope of work, if any, to be incorporated for the work as mentioned in objective.
- V. Any other aspect of this instant EoI.

Based on the inputs of the interested bidders, CCL will take decision for floating NIT for engagement of agencies for preparation of models (Physical and AR/VR based) to be showcased in Global Conference cum Exhibition on Environmental Sustainability in Coal Sector to be held at the likely venue.

DISCLAIMER: All information contained in this, Expression of Interest (EOI) subsequently provided / clarified are in good interest and faith. This is not an agreement and is not an offer or invitation to enter into an agreement of any kind with any party. Each bidder / contractor should conduct its own investigation and analysis & should check the accuracy, reliability and completeness of the information in this Expression of Interest.

3.0 Information required to be submitted by the applicants/proposers

3.1 The **applicants/proposers** shall be an entity, where entity means a body corporate like Public Ltd Company/ Private Ltd Company/ Partnership/ Proprietorship/ JV/ Consortium/ Individual Consultant/ Research and Technical Institute/ any other status.

3.2 The **applicants/proposers** entity should not be debarred or blacklisted by any of the CIL and its subsidiary on the last date of submission of proposal/bid.

3.3 The **applicants/proposers** shall furnish the following information in its EOI (Expression of Interest) cum RFP (Request for Proposal):

General Information about the Applicant/ Proposer:

i) The information about the Applicant/ Proposer should be furnished as per the format provided in Annexure- X.

ii) Undertaking should be furnished as per format provided in Annexure-XI

Technical Information about the Applicant/ Proposer:

The Applicant/ Proposer shall furnish details of such experience in the format given in Annexure-XII.

Financial Information about the Applicant/ Proposer:

The Applicant/ Proposer shall furnish the documentary evidence of possessing adequate working capital (20% of the proposed estimated cost) in the format given in Annexure-XIII.

Desired Information/ Inputs from the Applicant/ Proposer: As per Annexure-XIV.

4.0 Instructions to the Applicants/Proposer

This section on 'Instructions to the applicants/proposer's should be read in conjunction with the other parts of this EOI document. Although details presented in this section have been compiled with all reasonable care, it is applicants/proposers responsibility to satisfy itself that the information / documents are adequate and that there is no conflict between the stipulations contained in this section and other parts of this EOI document. No dispute or claims shall be entertained on this account.

Preparation of the EoI (Expression of Interest) cum RFP (Request for proposal) is the responsibility of the applicants/proposers and no relief or consideration can be given for errors and omissions.

Obtaining the EoI:

A complete set of EoI may be downloaded free of cost by any interested applicant/proposer from CIL's e-Tender Portal (<https://coalindiatenders.nic.in>).

This EOI is not transferable.

Applicants/proposers should download the complete EOI document, and read carefully before filling the details and uploading the requisite documents.

Requirements for participation in EOI:

4.1 The **applicants/proposers** will have to submit the EOI online at CIL's e-Tender Portal (<https://coalindiatenders.nic.in>). Bidder may also submit EOI through email during the prescribed Bid submission period by sending EOI to email to gmenvt.ccl@coalindia.in. Offline/Physical submission will not be acceptable.

4.2 In order to submit the online EOI on CIL's e-Tender portal, the **applicants/proposers** should meet the following requirements:

a) Personal Computer connected with internet (for details, please visit the home page of CIL's E-Tender portal <https://coalindiatenders.nic.in>).

b) It will be the **applicants/proposers'** responsibility to comply with the system requirement i.e. hardware, software and internet connectivity at **applicants/proposers'** premises to access the e- Procurement portal. Under no circumstances, CCL shall be liable to the **applicants/proposers** for any direct/indirect loss or damages incurred by them arising out of incorrect use of the e- Procurement portal or internet connectivity failures.

Online enrolment / registration with CIL's e-Procurement portal

4.3 The interested **applicants/proposers** should enroll / register himself at the CIL's e-Tender Portal (<https://coalindiatenders.nic.in>) in order to participate in the EOI process.

4.4 Online enrolment/registration of the applicants/proposers on the e-Tender portal is free of cost and one-time activity only. The registration should be in the name of the applicants/proposers in its own style and name. Digital Signature Certificate (DSC) holder, who is registered on behalf of the applicants/proposers for submitting the applicants/proposers

documents, under his digital signatures in the e-Tender portal must be applicants/proposer's duly authorized person, with valid DSC as per clause below. It shall be the responsibility of the applicants/proposers to ensure that they get registered with the CIL's e-Tender portal well in advance and download the applicants/proposer's document before the last date and time for the same.

4.5 Digital Signature Certificate (Class II or Class III) must be from any Certifying Authority authorized by Controller of Certifying Authority, Government of India (CCA) and which can be traced up to the chain of trust to the root certificate of CCA.

Help for participating in EOI

4.6 The detailed method for participating in the EOI is available on links "Help for Contractor" and "Bidders Manual Kit" in CIL's e-Tender portal. The **applicants/proposers** may also seek help from the help-desk on 24x7 Toll Free No. 0120- 4200462, 0120-4001002 and additional mobile nos. +91- 8987785554 and +91-9709047906. All queries will be answered in English / Hindi only.

Contents of the EOI

4.7 The language for submission of EOI shall be English.

4.8 The enclosed attachments shall be filled in completely and wherever not applicable it should be written as "Not Applicable". Applicants/proposers should furnish the required information and desist from writing "shall be furnished later" or submitting the blank form.

4.9 In case the Applicants/proposers intends to give additional information for which specified space in the given attachment is not sufficient, it can be furnished by additional sheets.

4.10 All the pages of the EOI and attachments should be signed and corrections and over writings should be countersigned by the authorized signatory.

4.11 The Applicants/proposers should submit an undertaking as per Format provided in Annexure-XI.

4.12 CCL at any time reserves the right to cross check and confirm the information / details furnished by the Applicants/proposers.

4.13 All costs incurred by Applicants/proposers for preparing and submitting the EOI, in providing clarification or any other expenses whatsoever shall be borne by Applicants/proposers themselves, regardless of the conduct or outcome of the EOI process.

Online Submission of EOIs

4.14 The Applicants/proposers will submit this EOI online at CIL e Tender Portal (<https://coalindiatenders.nic.in>) after carefully examining the documents. Applicants/proposers to ensure that all uploaded documents are duly signed by the Applicants/proposers as per the format provided and must be digitally certified.

Applicants/proposers to further ensure that documents uploaded by them can be downloaded

properly by CCL. CCL shall not be responsible for corrupted files, if any, uploaded online. Further file related to particular Attachment/Schedule including their annexures, if any, shall be given name of that Attachment/Schedule only.

4.15 EOIs shall be hosted/ uploaded on the system as per timelines and the schedule specified on the tender notification.

4.16 A meeting with interested parties will be scheduled for detailed discussion on various issues pertaining to this EOI. The VC link will be shared separately. Interested parties may join for the discussion session virtually through this link.

Deadline for Submission of EOIs

4.17 EOIs must be submitted online no later than the time and date stated in this EOI document.

4.18 CCL may, at its discretion, extend this deadline for submission of EOIs in which case all rights and obligations of CCL and Applicants/proposers will thereafter be subject to the deadline as extended.

4.19 Applicants/proposers are advised to check regularly CIL e-Tender Portal for updates.

Opening of EOIs:

4.20 The EOIs will be decrypted on-line and will be opened by CCL on the pre-scheduled date and time specified in this EOI Document.

4.21 Applicants/proposer's attendance during the EOI opening in CCL Premises is not envisaged.

Schedule:

4.22 Timeline associated with the EOI is as follows:

Sl. No.	Particulars	Date	Time
a.	EOI e-Publication date	29-01-2025	18:50 hours
b.	Document download start date	29-01-2025	18:50 hours
c.	Document download end date	17-02-2025	17:00 hours
d.	Bid Submission start date	02-02-2025	10:00 hours
e.	Bid submission end date	17-02-2025	17:00 hours
f.	Start date for seeking Clarification on-line	29-01-2025	18:50 hours
g.	Last date for seeking Clarification on-line	10-02-2025	17:00 hours
h.	Date of Pre-bid meeting (if any)	01-02-2025	11:00 hours
i.	Technical Bid (Cover I) opening date	18-02-2025	11:00 hours

5.0 List of Formats

Annexure-IX: Covering Letter

Annexure-X: General information of the Applicants/proposers

Annexure-XI: Format for Undertaking

Annexure-XII: Details of Applicants/proposer's experience

Annexure-XIII: Financial information of the Applicants/proposers

Annexure-XIV: Desired Information/ Input from Applicants/proposers

Enclosures – As per the list of documents given below:

Sl No.	Formats as per EOI Document	Description	Documents Submitted
1	Annexure-X	General information of the Applicants/proposers	Yes/ No
2	Annexure-XI	Format for Undertaking	Yes/ No
3	Annexure-XII	Details of Applicants/proposers' experience	Yes/ No
4	Annexure- XIII	Financial information of the Applicants/ proposers	Yes/ No
5	Annexure-XIV	Desired information/Input from Applicants/ proposers	Yes/ No

Mine Closure with JT – Vision of CCL**Kabribad OC**

Sl.	1 st part showing Existing Features of the mine	2 nd part to show the area after implementing the envisaged mine closure activities on JT Principles
1.	OC Pit – Benches, haul road, sump,	Partially filled OC Pit with water body – fish farming, floating restaurant, fencing all around with plantation, one proper entry into the mine with flags, lights on periphery
2.	OB Dump	Reduced height, stabilized and solar panels installed with approach road, slopes densely grassed
3.	Coal Stock	Coal stock totally removed – developed into a beautiful park or Solar park, dairy
4.	Industrial Infrastructures – Work Shop, Office buildings, substation	Converted into training institutes, community hall etc. Or Demolished and converted into play ground or Solar park
5.	CCL Colony with health centre, school, shopping complex, children park etc.	Developed into a business centre, vibrant market, small scale shops, stitching centres, leather works, handicrafts, health centre, library, children park etc.
6	Plantation here and there	Dense Plantation with fruit bearing trees
7	Road network – broken here and there	Good condition road
8	Social infrastructures	Social infrastructures handed over to a society formed with involvement of villagers and State authority
9	Very Old head gear of UG	Refurbished and converted into heritage structure
10	Very old coke oven Plants	Refurbished and converted into heritage structure. Roof top to be strengthened and made assessable for tourist to go up and have a view of area all around
11	Old style building of Guest House	Refurbished and converted into heritage guest house for stay of tourist
12	Vacant Areas	Solar Plant, Agriculture
13	Hills within the leasehold Area	Connected through glass bridge for fun of tourist

How to develop the models?

- For the 1st part, the agency will be visiting Kabribad mine and develop the VR model covering all features listed in the above table.
- For the 2nd part, the agency will first plan the mine closure activities (as listed in the last column of the above table) in consultation with SD & JT department, CCL. After finalization of the mine closure activities, the agency will develop the 2nd part.
- Agency will provide two VR sets to CCL, which will remain with CCL
- Agency will provide at least 5 VR sets and 1 technical expert in the stall at Delhi throughout the exhibition period
- Agency will also prepare video of the 2 parts and run them by installing 2 screens in the Stall
- Agency will also provide flax banners/standees on the 2 parts to place in the stall
- Agency will also prepare sufficient number of booklets for distribution

Note: The developed Area may be integrated with local tourism circuit involving Devghar Mandir, Giridih Forest, Jain Mandir, Trikoot Pahar, Navlakha Mandir, Rikhia Ashram and other tourist spots nearby

Amah

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Annexure II	
Theme	Detail
Bio reclamation	<p>CCL has been making constant and sincere efforts to minimize the carbon-footprints of coal mining through sustained reclamation and afforestation of areas in and around its operating mines. The reclamation activities are being carried out in various mines as per well-designed and approved Mine Plans & Mine Closure Plans, which carry detailed provisions with regard to Progressive as well as Final Mine Closure activities.</p> <p>Mined out areas, OB dumps and other disturbed areas are concurrently technically reclaimed as soon as they get delinked from active mining zone. Top soil segregated and stored in clearly demarcated area for use is concurrently spread over the technically reclaimed area. Biological reclamation in both external and internal dumps is undertaken through expert agencies i.e. State Forest Department. Species for biological reclamation are selected in consultation with expert agencies like SFD, ICFRE, etc.</p> <p>The use of innovative techniques such as seed ball plantation, and Miyawaki plantation in various mines are being practiced. These afforestation activities and green belt development arrest the suspended dust particles emitted during mining operations and help to control air pollution. Reclamation is being monitored using remote sensing technology</p>
Miyawaki Plantation at Rajrappa and Amrapali	<p>The essential principle of the Miyawaki method is using species of trees that would occur naturally in that area and that work together to create a diverse, multi-layered forest community.</p> <p>Miyawaki Plantation (~25000 saplings per Ha) has been carried out by IFP (ICFRE), Ranchi over 2 Ha at Rajrappa Area and 4.45 Ha in Amrapali OCP</p> <p>On average, trees grow at a pace of 20 cm/year over the five first years. Whereas Miyawaki tropical forests rather grow at a pace of 110 cm/year.</p> <p>Location Google Map Link: https://maps.app.goo.gl/iSchY3nk7KdqcFLK8</p>

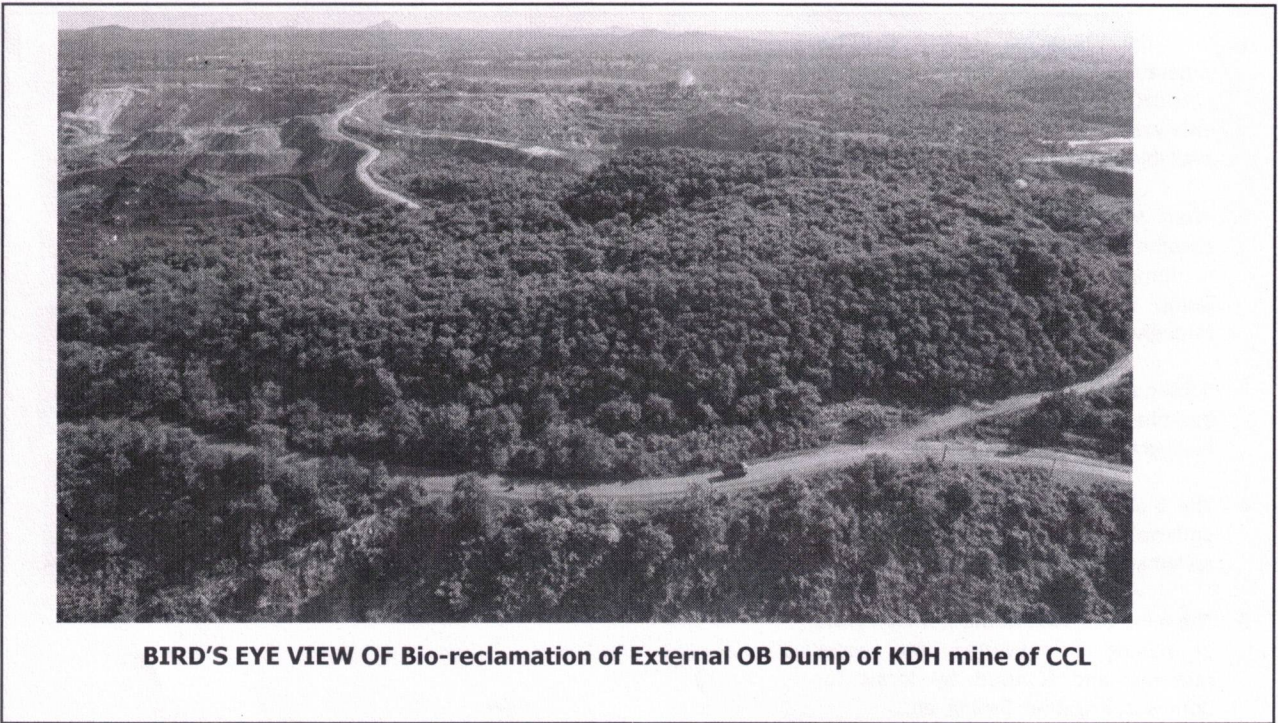
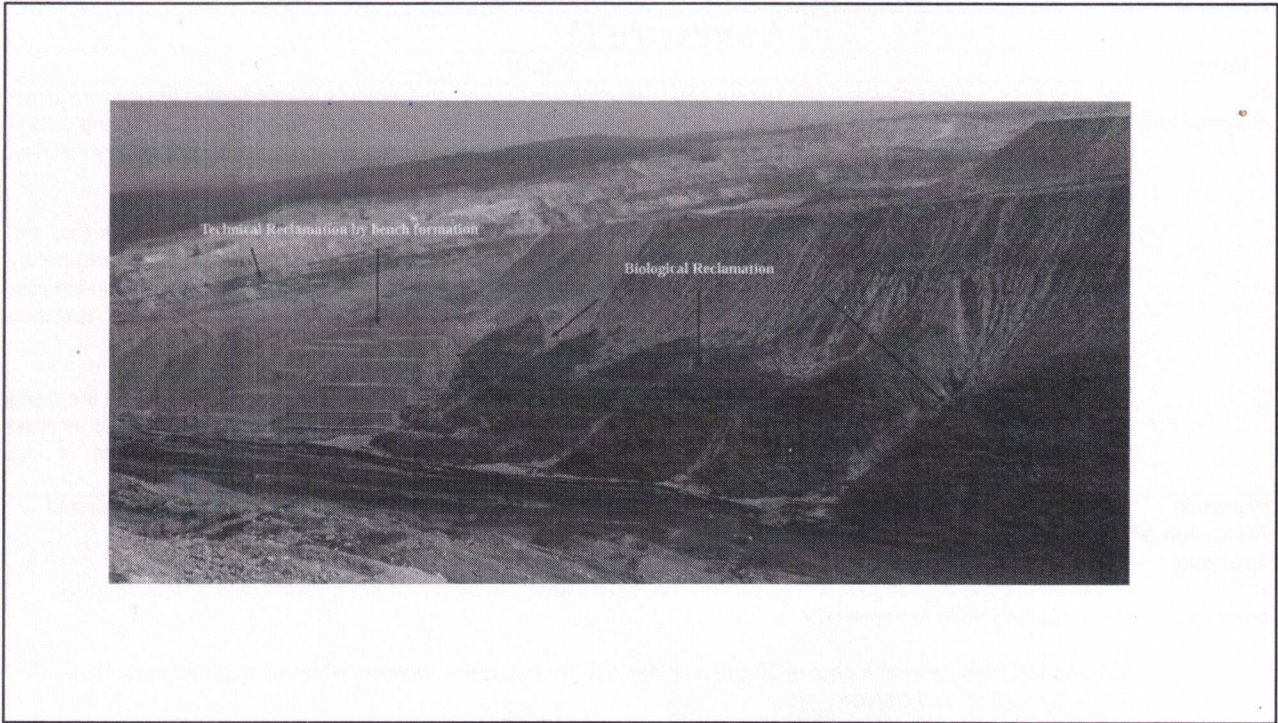
- In initial phase of mining, the OB generated from the mine is stacked outside(External OB Dump) the excavated area as there is no mine void available to accommodate
- After some years, the mine voids become available and the OB generated is dumped inside the void (Internal Dump or Backfilled). This continues throughout the life of the mine
- Subsequently, the external and backfilled sites for technical and biological reclaimed (plantation)
- The biological reclamation is generally undertaken after 3-4 years of technical reclamation when the soil gets stabilized
- The mine voids left at the terminal years of mining is converted into water reservoir and is used by locals for domestic, irrigation, fishing, etc.

Sujata महाप्रबंधक / विभागाध्यक्ष (पर्याव)

 GENERAL MANAGER/HOD (ENV)

 CCL HQ, RANCHI

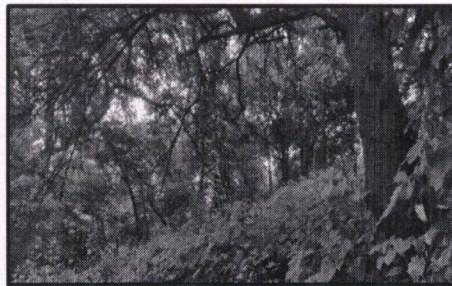
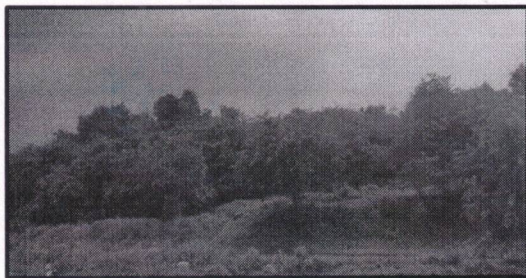
II



BIRD'S EYE VIEW OF Bio-reclamation of External OB Dump of KDH mine of CCL

Sangeeta
 RO
 महाप्रबन्धक / विभागप्रमुख (पर्याव)
 GENERAL MANAGER/MOD (ENV)
 CCL HQ, RANCHI

MITIGATION OF MAJOR IMPACTS –BIOLOGICAL RECLAMATION



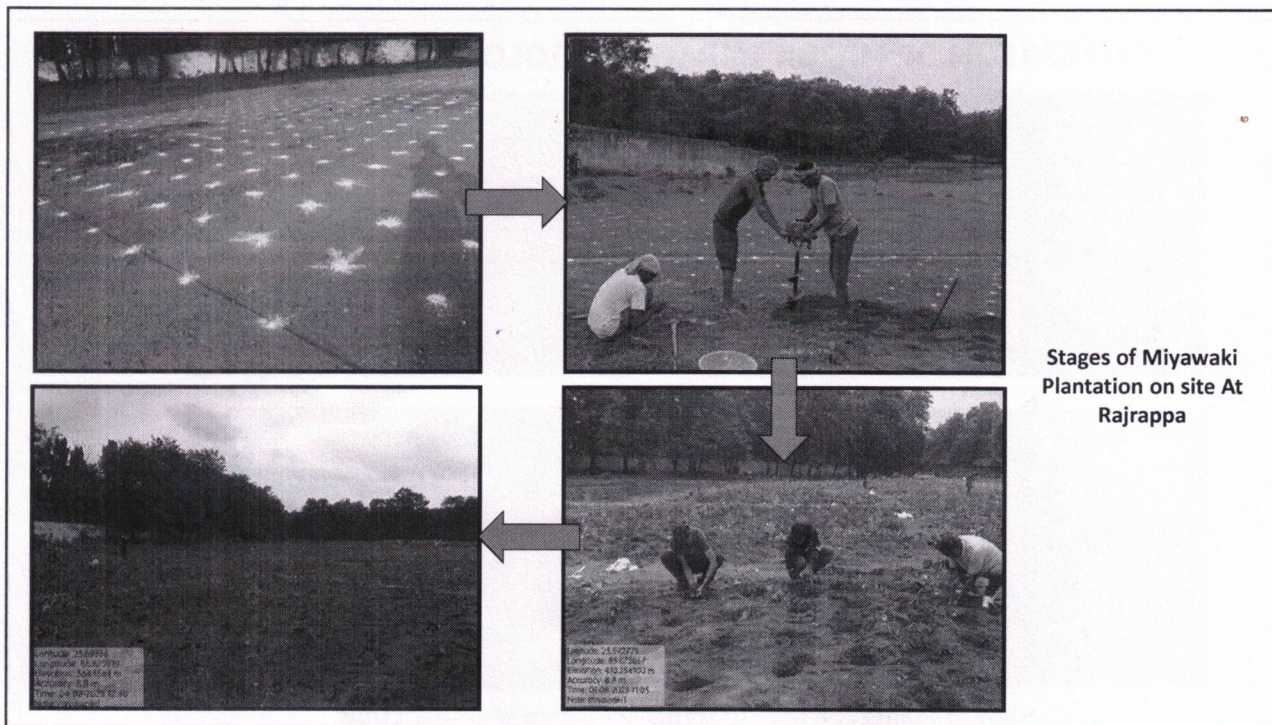
View of Plantation over External OB Dump of Urimari OCP

BEST PRACTICES –PLANTATION & BIO-RECLAMATION



Plantation in Piparwar Area of CCL over backfilled area

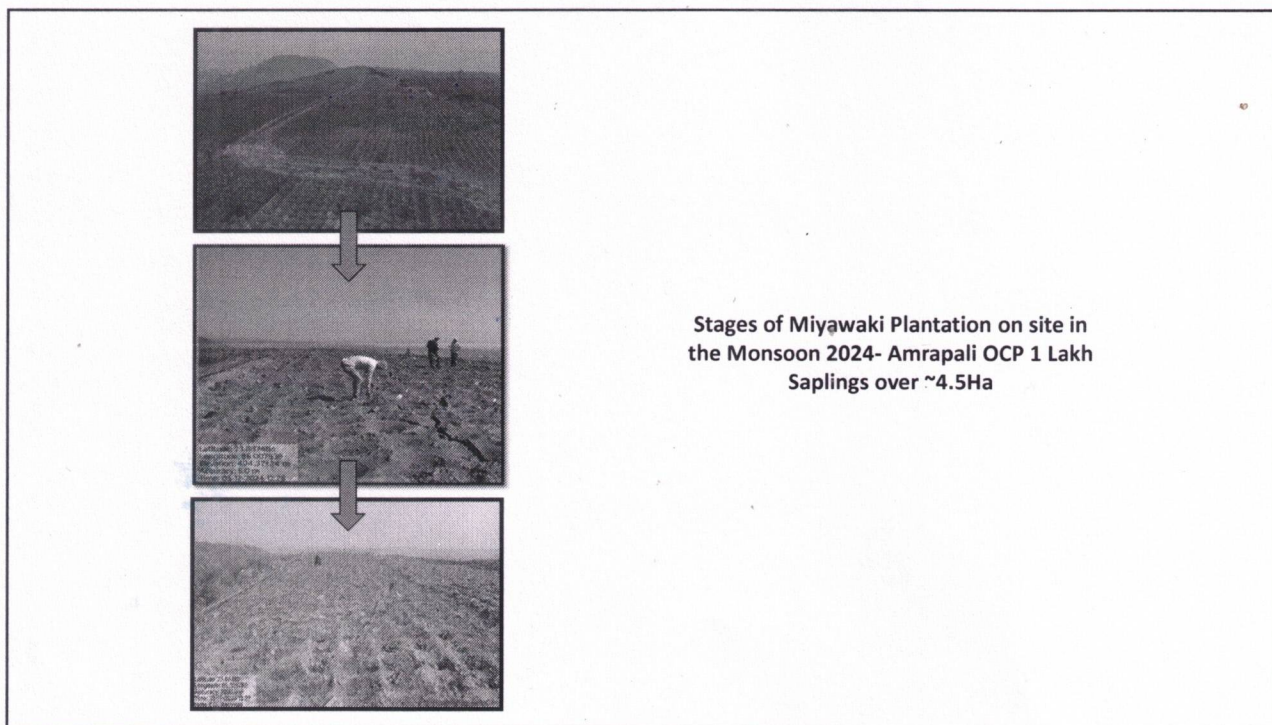
Sangeeta *R*
महाप्रबंधक / विभागध्यक्ष (पर्याव)
GENERAL MANAGER/HOD (ENV)
CCL HQ, RANCHI



Current status (as in November 2024) of Miyawaki plantation in Rajrappa- Saplings have reached a height of 8 to 10 ft



Sangeeta
महाप्रबंधक / विभागाध्यक्ष (पर्यावरण)
GENERAL MANAGER (ENV)
CCL HQ, RANCHI



Sangeeta
महाप्रबंधक / विभागाध्यक्ष (पर्याव)
GENERAL MANAGER/HOD (ENV)
GCL HQ, RANCHI

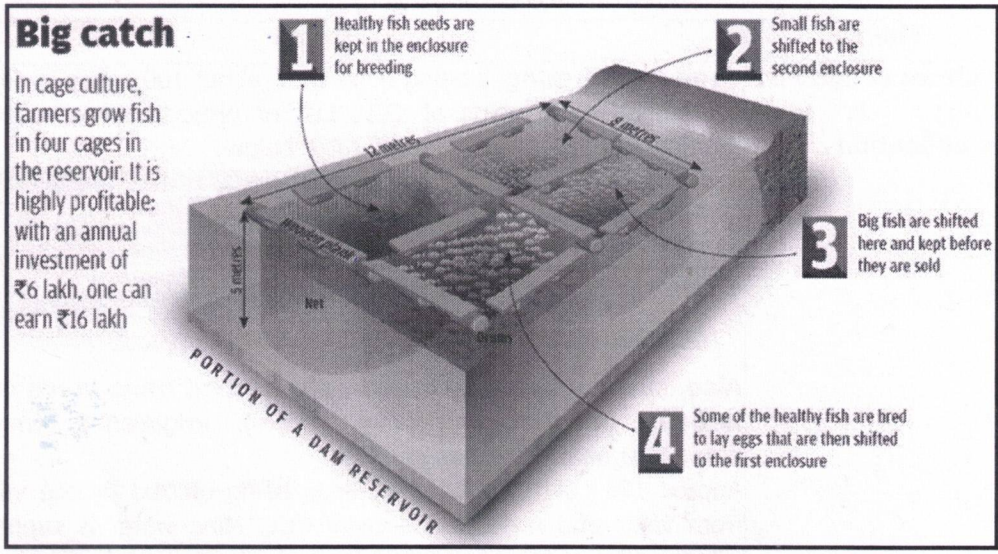
Annexure III

Theme	Detail																
Pisciculture (Cage Fish Farming) & Mine water utilization	<p>Cage fish farming is being done with about 100 cages in different abandoned mine voids of CCL. List of projects where cage fish farming is practiced is given the table below:</p> <table border="1"> <thead> <tr> <th>Name of Pisciculture Project/ mine</th> <th>Yield</th> </tr> </thead> <tbody> <tr> <td>1) Religara Quarry 3</td> <td>20 cages- 9.6 Tonnes</td> </tr> <tr> <td>2) Gidi A</td> <td>22 cages- 0.720 Tonnes</td> </tr> <tr> <td>3) Karkatta Quarry no.A</td> <td>15 cages- 200 Tonnes</td> </tr> <tr> <td>4) Karkatta Quarry no. C</td> <td>50 cages- 800 Tonnes</td> </tr> <tr> <td>5) Bokaro OCP</td> <td>27 cages- 81 Tonnes</td> </tr> <tr> <td>6) Central Saunda</td> <td>40 Cages- 25.2 Tonnes</td> </tr> <tr> <td>Total</td> <td>174 Cages approx., ~ 1117 Tonnes</td> </tr> </tbody> </table> <p>Also, surplus water stored in abandoned mine voids of CCL is being utilized for drinking , domestic irrigation & community purpose in nearby villages of CCL: Approx 174 Lakh Kilo Litre water is being utilized by the villagers from voids and mine discharge of CCL. Mine water is supplied to villages after suitable treatment through pipelines and water tankers. It caters to about 2 Lakh population of 140 nearby villages.</p>	Name of Pisciculture Project/ mine	Yield	1) Religara Quarry 3	20 cages- 9.6 Tonnes	2) Gidi A	22 cages- 0.720 Tonnes	3) Karkatta Quarry no.A	15 cages- 200 Tonnes	4) Karkatta Quarry no. C	50 cages- 800 Tonnes	5) Bokaro OCP	27 cages- 81 Tonnes	6) Central Saunda	40 Cages- 25.2 Tonnes	Total	174 Cages approx., ~ 1117 Tonnes
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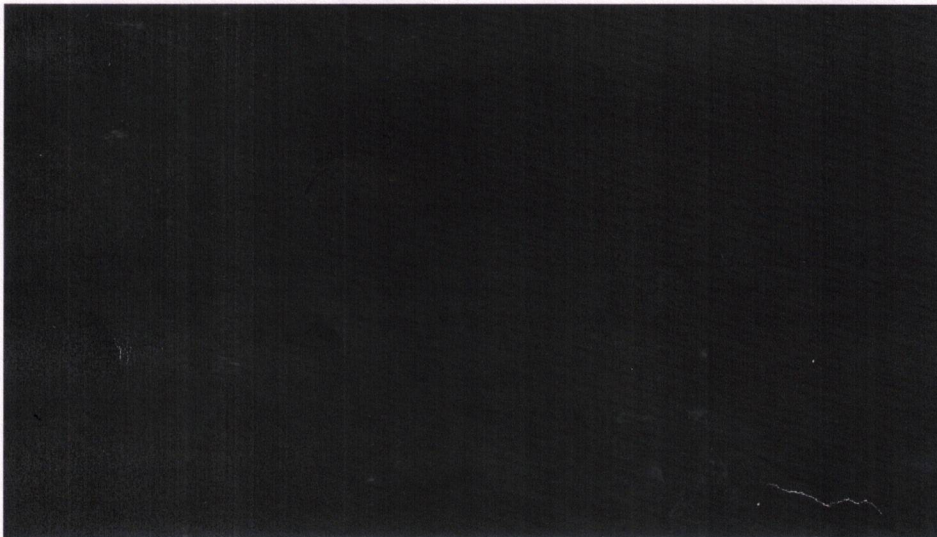
Pisciculture (Cage Fish Farming) in a Void at KDH of North Karanpura

Sangeeta
 महाप्रबंधक / विभागाध्यक्ष (पर्याव)
 GENERAL MANAGER/HOD (ENV)
 CCL HQ, RANCHI



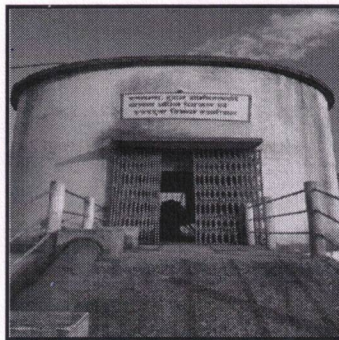
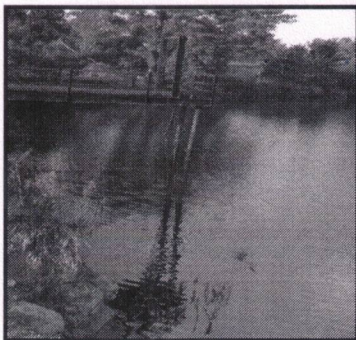
Representational Diagram: Pisciculture (Cage Fish Farming). NOT ACTUAL

Pisciculture (Video)

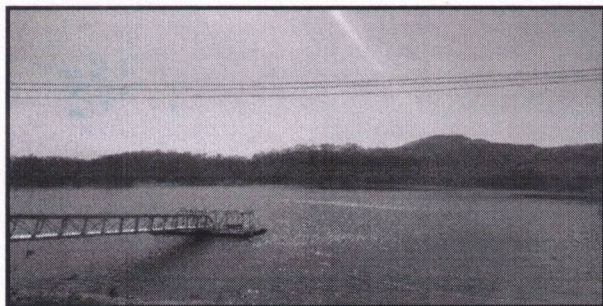


For playing video go to the link
<https://1drv.ms/p/s!Ar9GopCBcLTHiddrtNKLgGv9xMV17w>

Sangita
Raj
 अधिकारी / विभागाध्यक्ष (पर्यावरण)
 GENERAL MANAGER/HOD (ENV)
 CCL HQ, RANCHI



Kuju Area- State Govt Water supply scheme



Hazaribagh Area- State Govt Water supply scheme

Mine Water Management (Video)



For playing video go to the link
<https://1drv.ms/p/s!Ar9GopCBclTHiddrtNKLgGv9xMV17w>

Sangeeta
महाप्रबंधक / विभागाध्यक्ष (पर्याव)
GENERAL MANAGER/HOD (ENV)
CCL HQ, RANCHI

Ponds

Ponds are vital water bodies that play a crucial role in sustaining local ecosystems and communities. Ponds act as reservoirs, capturing and storing rainwater, which can be utilized during dry spells. This helps in replenishing groundwater levels and provides a reliable source of water for domestic, agricultural, and industrial use. Moreover, ponds contribute to the overall health of the environment by supporting a variety of plant and animal life, thus maintaining ecological balance. They help in controlling soil erosion and improving water quality by trapping sediments and pollutants. Ponds can be a community-managed resource, empowering local populations to take charge of their water resources, promoting sustainable practices, and ensuring equitable access to water.

As part of a CSR initiative, the creation and maintenance of ponds can greatly influence the availability of water for domestic use, support biodiversity, and boost agricultural productivity. Such an initiative aligns with Sustainable Development Goal 6, which focuses on ensuring the availability and sustainable management of water and sanitation for all. By integrating pond construction and maintenance into CSR activities, organizations can significantly contribute to health and sanitation, and natural resource conservation.

CCL's active involvement and efforts in this direction include the development/beautification works -like paver block, benches, construction of pucca ghats, solar lights, de-silting/deepening and rejuvenation of ponds. Through these community-focused initiatives, CCL demonstrates its ongoing commitment to improving water availability and enhancing the quality of life in its command areas. CCL has focused on development of water bodies as detailed in Annexure A.

2000 11/14

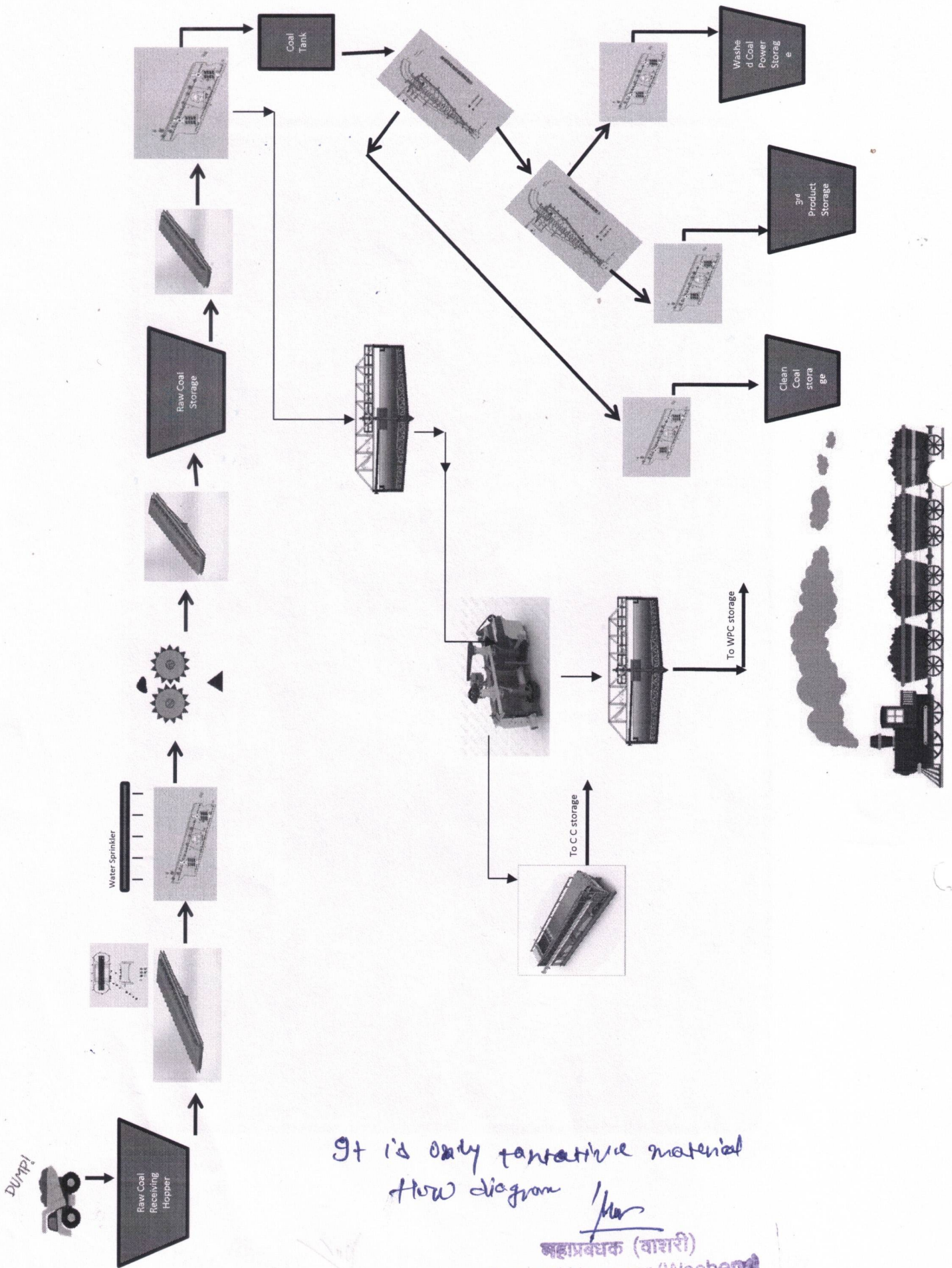
List of Water Bodies Renovated/Constructed under CSR						
Sl.No.	Area	District	Year	Name of Activity	Amt	
1	B&K	Bokaro	2019-20	Renovation of Pond at Kurpaniya	3.45	
2	B&K	Bokaro	2019-20	Renovation of Pond at Bandukbeda	3.54	
3	Barkasayal	Ramgarh	2019-20	Desilting of check dam at Jarjara under CSR under GM Unit Barka-Sayal Area.	4.93	
4	Dhori	Bokaro	2019-20	Construction of Pond at Singarbada Basti at Pawan singh land.	4.00	
5	Piparwar	Chatra	2019-20	Deepening of Pond and its beatification of Bamne Main Road of Bamne Panchayat	3.99	
6	Piparwar	Chatra	2019-20	Deepening of Main Pond in Kirigada (300 x 200 ft) of Bundu Panchayat	4.00	
7	Piparwar	Chatra	2019-20	Deepening and beautification of Main Road in Bundu of Bundu Panchayat	5.01	
8	B&K	Bokaro	2020-21	Cleaning by earth cutting of pond near workers institute at KSP ph-II under CSR scheme	8.09	
9	DHORI	Bokaro	2020-21	Construction / Renovation of Pond in/around different Areas of CCL	10.07	
10	DHORI	Bokaro	2020-21	Digging of pond at Pratapdih.	2.53	
11	DHORI	Bokaro	2020-21	Renovation of Bajjnath Bandh Alargo(Pond)-changed to KARIDAH	7.29	

12	DHORI	Bokaro	2020-21	Renovation of Pond at Mungo, Purnatand at Mungo village of Dhori Area.	10.80
13	DHORI	Bokaro	2020-21	Renovation of Pond at Panchgarwa at Birni village of Dhori Area	9.51
14	Kathara	Bokaro	2020-21	Extension of Pond along with Ghat and Pathway at Sawang South near Shiv Mandir	11.75
15	M&A	Chatra	2020-21	Construction/renovation of 02 nos of ponds	19.78
16	Piparwar	Chatra	2020-21	Construction/Renovation of Ponds in/around command area of CCL-Renovation of one no. pond at Bachra village near Kabristan under Piparwar project.	27.23
17	B&K	Bokaro	2021-22	Construction/Renovation of ponds in/around command area of CCL	151.20
18	B&K	Bokaro	2021-22	Digging of Pond at Jaridih Bazar	1.27
19	B&K	Bokaro	2021-22	Deepening and renovation of pond in Palamu Panchayat	1.23
20	B&K	Bokaro	2021-22	Renovation of Pond at Baidkaro West Panchayat	4.65
21	Dhori	Bokaro	2021-22	Digging of pond at Pawan Singh land Singarbeda Dhori Basti	6.49
22	Kuju	Ramgarh	2021-22	Renovation / Construction of Pond in/around Areas of CCL	2.25
23	Rajrappa	Ramgarh	2021-22	Renovation/construction of pond in and around areas of CCL	11.36

24	Argada	Ramgarh	2022-23	const. of 02 nos of pond	5.03
25	B&K	Bokaro	2022-23	Construction of ghat in the pond of Jaridih Basti,Dihwa.	2.58
26	B&K	Bokaro	2022-23	Construction of Ghat in the pond at BALUBANKER SINGARBEDA,DHORI.	5.43
27	B&K	Bokaro	2022-23	Construction of Pond in Barai Panchayat	2.59
28	B&K	Bokaro	2022-23	Renovation of pond in Balu Bank Rehwa Ghat.	3.96
29	Kathara	Bokaro	2022-23	Renovation of Pond near Bodia Basti" under CSR scheme , Kathara area.	4.85
30	Piparwar	Chatra	2022-23	Digging of new pond for proposed Bijan site	10.16
31	Piparwar	Ranchi	2022-23	Deepening of pond and its beautification of Sitawasi pond of Bamne Panchayat	3.69
32	Piparwar	Chatra	2022-23	Digging of 1 pond in kharwana Tand village in Bachra South Panchayat	5.88
33	Piparwar	Chatra	2022-23	Construction of pond and its beautification in karmali Tola of Hemandag of Bachra North Panchayat	8.56
34	Piparwar	Chatra	2022-23	Repairing and deepening of pond in Baghere , vill-Hafua	1.54
35	HQ	Ranchi	2023-24	Development of 2 nos pond at Kuchhu village, Ormanjhi Block, Ranchi	65.69

36	HQ	Garhwa	2023-24	Development of Pond , Installation of 20 Solar Light at village Garbandh in Garhwa District, Jharkhand	53.25
37	M&S	Chatra	2023-24	Renovation and deepening of Kanoda pond in Saradhu panchayat in respect of Magadh-Sanghmitra Area	29.03
38	M&S	Latehar	2023-24	Construction of 01 nos. village pond in Fulbasiya	20.50
39	Piparwar	Chatra	2023-24	Construction of 1 nos. pond in Karo village of Bahera Panchayat	7.84
40	Piparwar	hazaribagh	2023-24	Construction of Pond in vill- Patal	6.92
41	Piparwar	Chatra	2023-24	Construction of pond in Hemandag Bachra North panchayat	8.96
42	Piparwar	hazaribagh	2023-24	Construction of pond in Damaru , Patal panchayat	6.14
43	Piparwar	Chatra	2023-24	Construction of pond in vill- Churi east panchayat	9.00
44	B&K	Bokaro	2024-25	Renovation of 02 nos.pond at Kurpania Basti and Pilpilo under CSR scheme of B&K Area	14.87
45	Barkasayal	Ramgarh	2024-25	Construction of 05 ponds within Patratu and Barkagaon block under CSR Scheme	25.87
46	Hazaribagh	Hazaribagh	2024-25	Beautification and Deepening of pond in Mandu under Amrit Sarovar under GM Unit of Hazaribagh Area	10.53
47	Piparwar	Chatra	2024-25	Construction of Pond in Kirigada, Bundu Panchayat	6.12

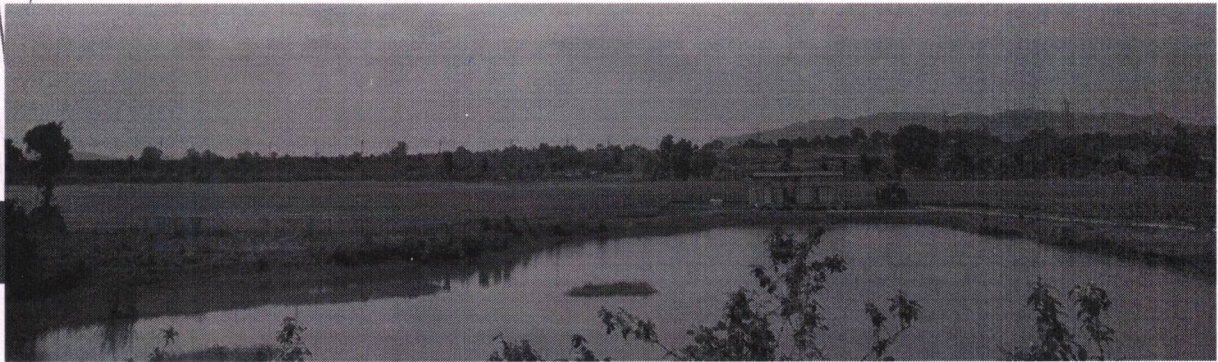




It is only tentative material
flow diagram

[Signature]
बहाप्रबधक (वाशरी)
General Manager (Washery)
 वाशरी, रायचूर रोड
 Washery, Raichur Road

20 MW Solar Power Plant, Piparwar



Technical Details of the Plant

- **Project Description:**
 - Development of a 20 MW Land Mounted Grid Connected Solar Plant at Piparwar Area of CCL.
 - Installed by contractor M/s LNB Renewable Suncity JV with M/s NTPC as PMC consultant.
- **Plant Capacity:** 28 MW_p (DC) / 20 MW (AC).
- **Annual Average Energy Generation:** 44.05 million units (MU) annually for the first five years.
- **Planned CUF (Capacity Utilization Factor):** 25.14%
- **Capital Cost:** Rs. 142.49 crores [including GST and O&M Cost for 05 years]
- **Life of the plant:** 25 years
- **DVC tariff:** Rs. 5.51/KWh
- **Levelized tariff of the Solar power plant generation:** Rs. 4.05 /KWh

Sudanda Saha
GM (E&M)

Generation of the Plant

05.07.2024: The transmission line and transformer was charged.

12.07.2024: All the 69 String inverters were put on charge.

Total generation of 20 MW Solar plant since inception (till 31.12.2024): 157.48 Lakh units

Total savings in Energy bill till 31.12.2024 : ₹ 6.27 Crores

Benefits of the Plant

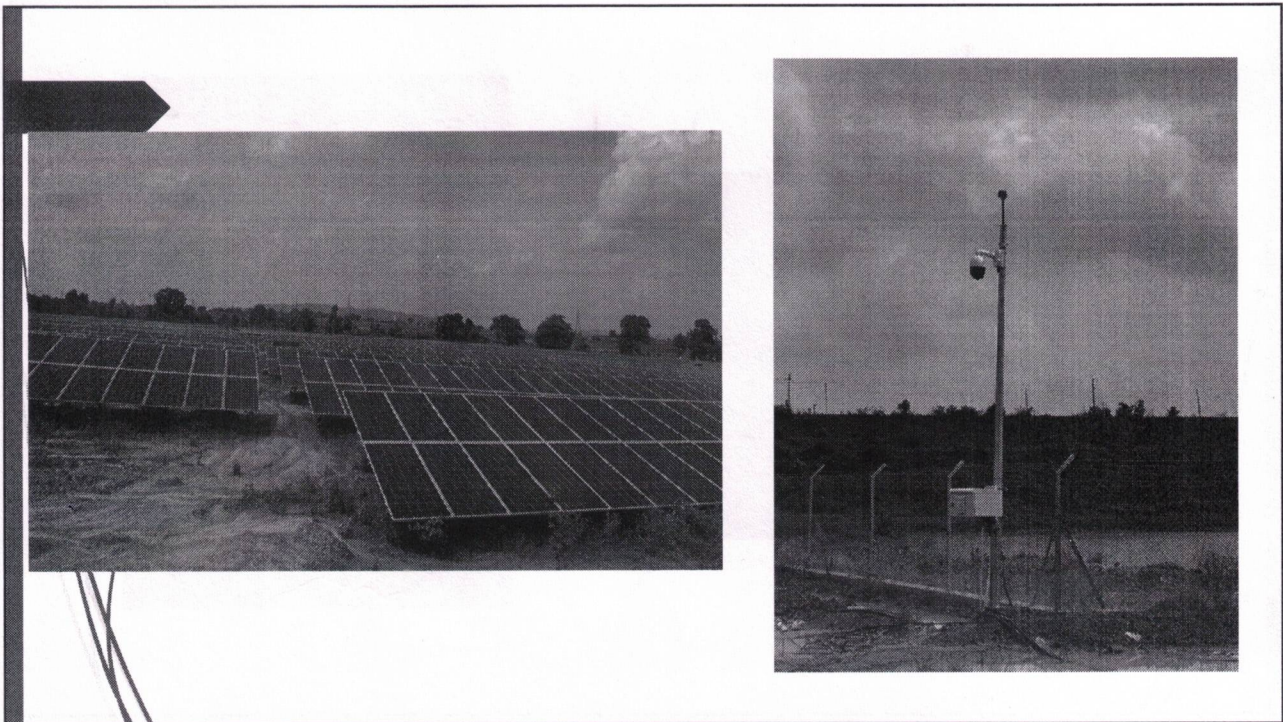
- Average renewable energy produced in one year = 44.05 MU
- Reduction in Carbon footprint = Reduction in CO₂ emissions= 36,119,000 kg CO₂ (annually) i.e. (or 36,119 tons annually)

(A typical carbon emissions factor for coal-based power generation in India is approximately 0.82 kg CO₂ per kWh)

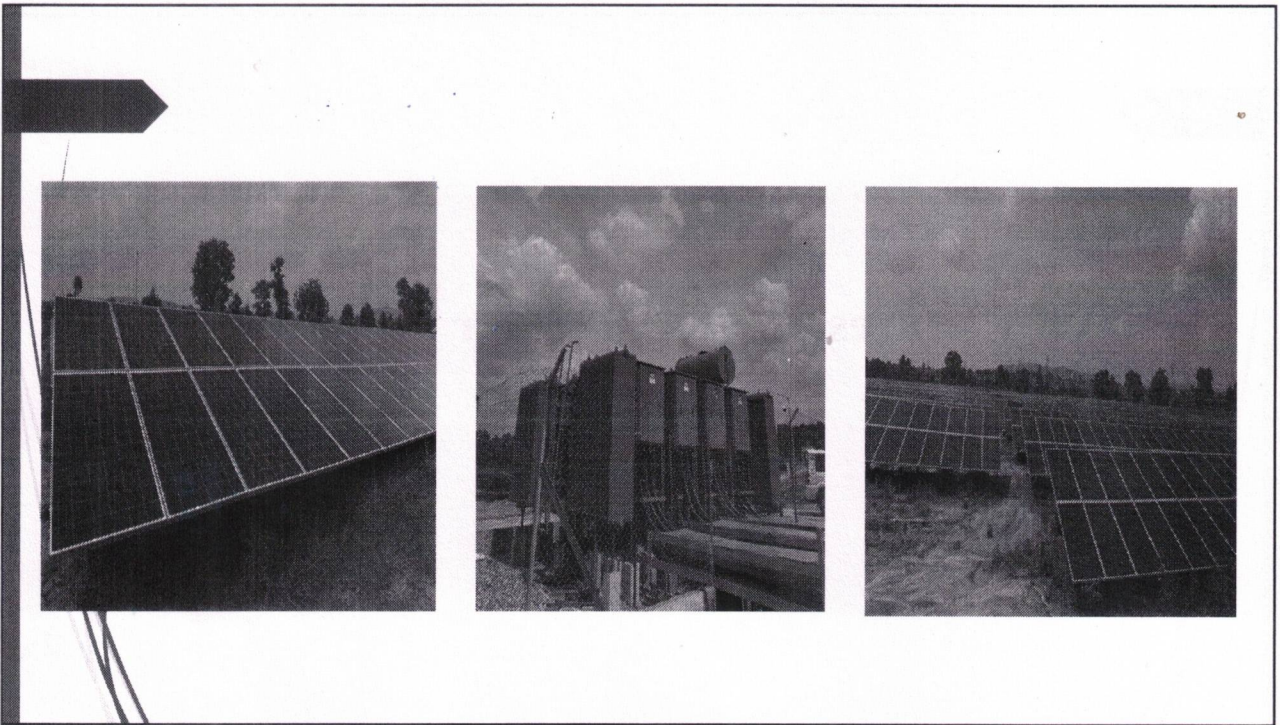
In conclusion, the 20 MW Solar Power Plant, Piparwar exemplifies a sustainable energy solution that brings environmental, economic, and social benefits to the region and contributes positively towards India's renewable energy targets.

divya
GM (Edm)

Few Pictures of 20 MW Solar Power Plant

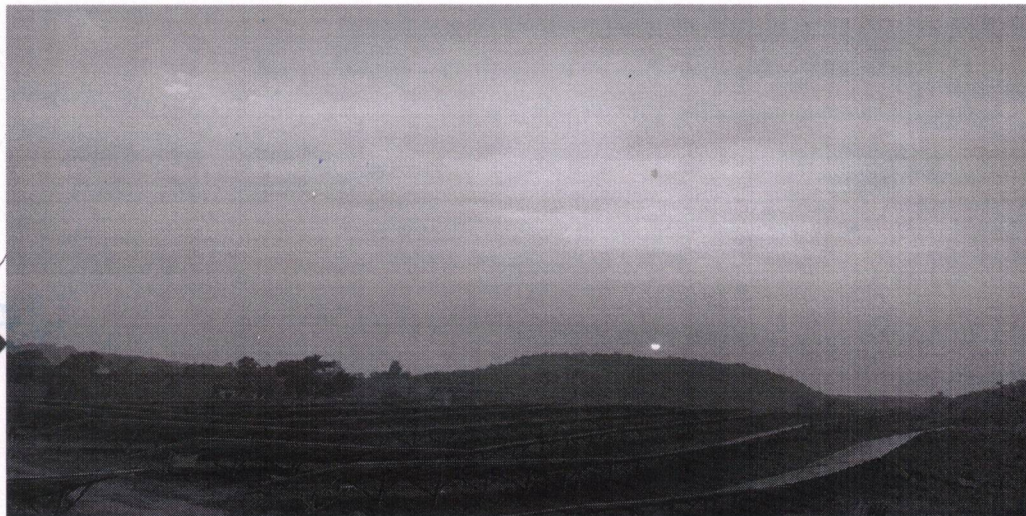


Shinda
GM (ELU)



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CU/ ECU

04 MW Solar Power Plant, Giridih



Technical Details of the Plant

- **Project Description:**
 - Development of a 04 MW Land Mounted Grid Connected Solar Plant at Giridih Area of CCL.
 - Installed by contractor M/s APM Projects Private Ltd. with M/s CMPDIL as PMC consultant.
- **Plant Capacity:** 5.395 MWp (DC) / 4 MW (AC).
- **Annual Average Energy Generation:** 77.53 Lakh Units annually for the first five years.
- **Planned CUF (Capacity Utilization Factor):** 22.13%
- **Capital Cost:** Rs. 29.19 crores [including GST and O&M Cost for 05 years]
- **Life of the plant:** 25 years
- **DVC tariff:** Rs. 5.51/KWh

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 5.51
 25 (Ecu)

Generation of the Plant

05.10.2024: The transmission line and transformer was charged.

13.10.2024: All the 04 inverters charged. Plant is working under trial phase.

Generation of plant up to Dec 2024: 14,35,833 units

Benefits of the Plant

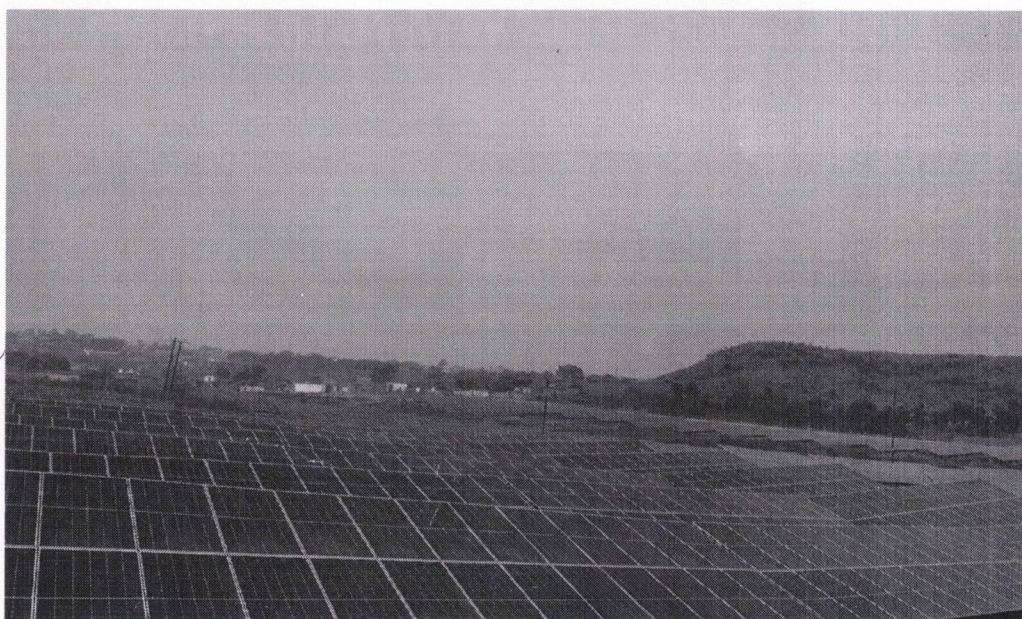
- Average renewable energy produced in one year = 77.53 Lakh Units
- Reduction in Carbon footprint = Reduction in CO2 emissions= 63,57,460 kg CO2 (annually)

(A typical carbon emissions factor for coal-based power generation in India is approximately 0.82 kg CO2 per kWh)

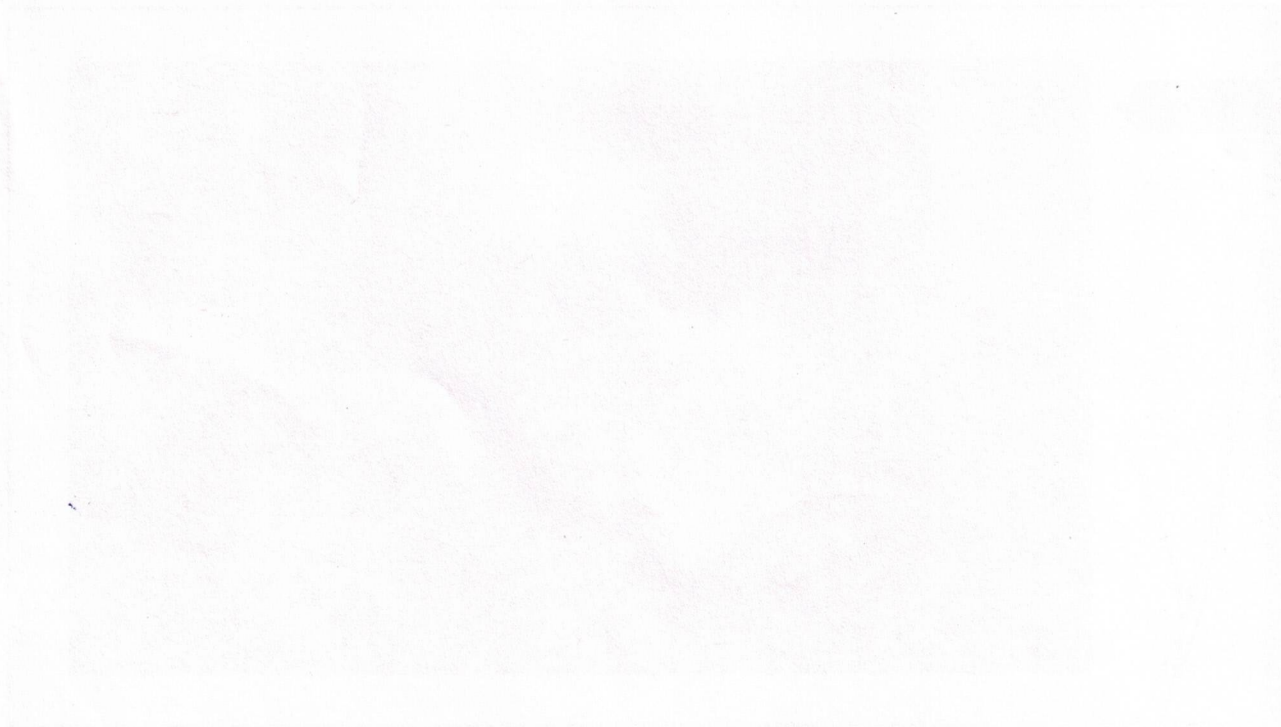
In conclusion, the 04 MW Solar Power Plant, Giridih exemplifies a sustainable energy solution that brings environmental, economic, and social benefits to the region and contributes positively towards India's renewable energy targets.

*Link
GM (ELM)*

Few Pictures of 04 MW Solar Power Plant



File
Am(EdM)

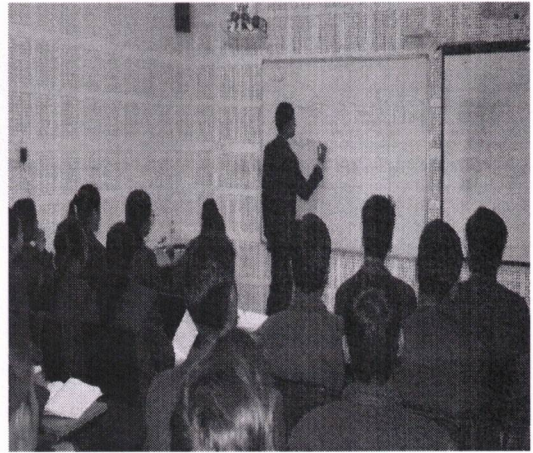


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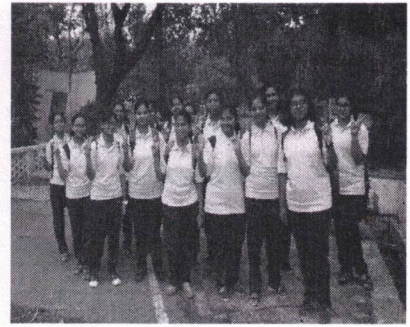
CCL KE LAL LAADLI : A flagship CSR scheme of Central Coalfields Limited

- A) Inception :** Jharkhand being a developing state and being a part of the tribal belt, majority of the families belong to the marginalized section of the society and are hence engaged in the primary sector, i.e, allied services, unorganized jobs, agriculture etc. The students who do well in their studies/schools are not able to pursue their dreams of pursuing engineering from top colleges, as their parents can't afford the high fees of the coaching centres. Thus a scheme was conceptualized by the then CMD CCL Shri. Gopal Singh to launch such an initiative which caters to the need of those students who are meritorious but are not able to pursue engineering because of their family background. Thus, CCL KE LAL was launched as flagship CSR scheme of CCL in 2012 with 11 boys. Initially the aim was just to give quality education during class XI and XII and to increase awareness on engineering entrance exam in remote locations. But, right from the beginning, students not only passed out XII board with flying colours but also got admission in reputed institutions as the students were groomed, trained and mentored by the officers of CCL.




Asel

B) Replication of scheme for Girls : Witnessing the great success of CCL KE LAL Scheme, the scheme “CCL KI LAADLI” was also introduced in 2016 to give equal opportunity to girl students to compete in the field of technical education as with boys and the strength of the scheme grew from just 11 boys to 11 boys and 11 girls.



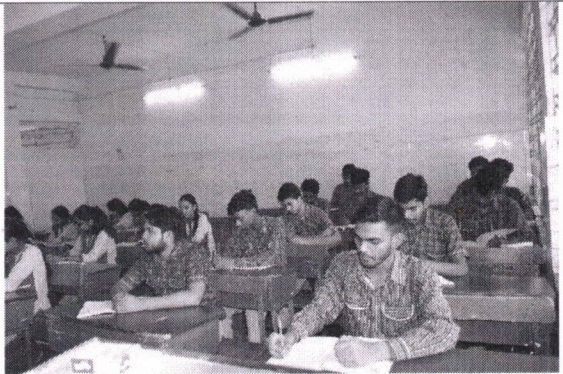
C) Reservation and scalability of scheme : The scheme also introduces reservation criteria in 2021 in the following way : ST- 26%, SC- 10%, OBC – 14%. A Batch consists of 40 seats – 20 for Boys and 20 for girls of which 4 seats are reserved for SC candidates, 10 seats are reserved for ST candidates, 6 seats for for OBC and 20 seats are unreserved.

D) Overcoming the barriers : Central Coalfields Limited (CCL) under its CSR initiative has been providing free of cost coaching to the meritorious students from the marginalized families since 2012 under its CSR PROJECT- CCL KE LAL LAADLI. The selected students are groomed by CCL Officers who themselves are IIT Alumni for competitive engineering entrance examinations for getting into IITs, NITs and other prestigious engineering colleges. The students are selected through entrance examination the basis of merit and are provided with free of cost facility for two years:

Free of Cost Facilities to Students	
i	<p>Engineering coaching by IITian faculty.</p> 

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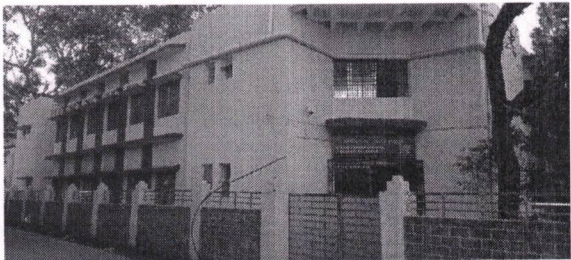
ii. Schooling at DAV Gandhinagar school, Ranchi



iii. Wifi enabled Hostel Facility at Ranchi (separate hostels for Boys and Girls) with 24x7 security.



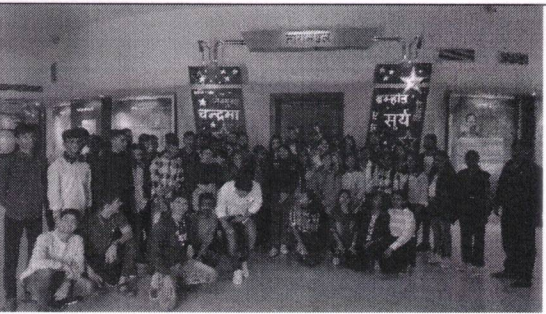


CCL KI LAADLI Hostel, Jawaharnagar colony, Ranchi





CCL KE LAL Hostel, Gandhinagar colony, Ranchi

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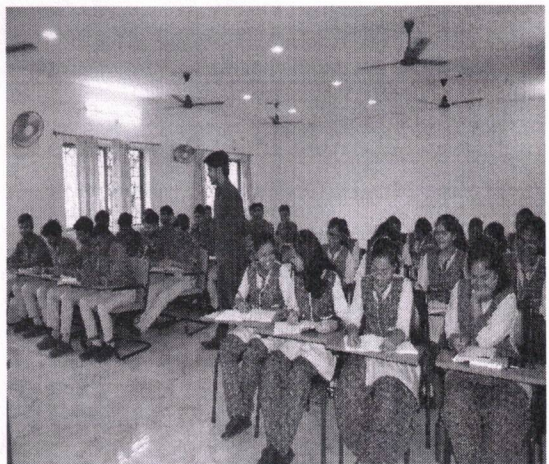
iv.	Fooding and Mess facility	
v.	All India Test Series (AITS) is provided through ALLEN for experience and gaining competitive edge.	
vi.	Medical Facility : Students are provided with free of cost medical aids at CCL Hospital, Gandhinagar, including emergency services.	
vii.	Library	
viii.	Recreational activities such as picnic and sports day are organized for the students	 <p>Students at Ranchi Science Centre</p>

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xi	<p>Transport facility : A Bus is provided for the students for going to school and coaching center. B) Vehicles are provided to students for attending exams on Sundays</p>	
X	<p>Students are provided with sports equipment's in Hostel campus</p>	

E) Engagement of employees and innovation:

Faculty – The highlight of the scheme is that CCL ke LAL LAADLI engages the CCL employees who are alimni of IIT for coaching the students of CCL ke LAL and LAADLI to crack engineering entrance examinations. The IITian officers who are posted at HQ of CCL, work at their respective departments in the 1st Half and then teach the students of CCL KE LAL LAADLI in the 2nd Half. There are 2 classes for the students, 1st class is from 3:30PM to 5:00 Pm & the 2nd class is from 5:30 – 7:00 PM.



Arif

The details of the faculty are as follows :

I. **Jitendra Kumar**, Manager (E&M)
(B. Tech, IIT Kharagpur)

II. **Naman Srivastava**, Deputy
Manager (Mining), (B. Tech, IIT- BHU;
MBA)

III. **Akhilesh Kumar**, Deputy
Manager (Mining), (B. Tech, IIT-
BHU;MBA; Ex- Super-30 Student)

IV. **Om Prakash**, Deputy Manager,
(B. Tech, IIT-ISM)

V. **Aman Ujwal**, TA Department, (
M.Tech, IIT Guwahati).

VI. Digvijay Singh



Wardens and caretakers : Apart from the faculties, the company has deployed 2 executives as Male and Female warden and there are 3 Staffs of the CSR department who are stationed in the CCL KE LAL Hostel and CCL KI LAADLI Hostels as Caretakers.

Nodal Officer : . A designated Nodal Officer from the CSR department oversees the scheme's implementation.

F) Project Expenditure : The scheme started in in the year 2012 with 11 boys and then it expanded to 11 boys + 11 Girls in the year 2016. Presently 20 boys and 20 girls are selected every year. Since 2012 Rs. 7.3 Cr has been invested in this CSR project.

CCL Ke LAL LAADLI scheme provides coaching to 40 students (20 Boys + 20 Girls) in a batch and in one year- 2 batches i.e. class 11th & class 12th totalling 80 students undergo coaching in this scheme, Approximately the expenditure of the company in this project is Rs. 1 CR, thus estimated cost per beneficiary is Rs 1.25 Lakh.

G) Hurdles : As students are selected from remote corners of Jharkhand for two years residential program at Ranchi, it becomes for the Children to leave their homes and it becomes very difficult for the parents to leave their wards.

Hence, to build a friendly atmosphere students various events are organized for these students such as PICNICS & Sports day. Apart from that students are also invited in the events conducted by the company, for example the students took part in the 1st and the 2nd iteration of COAL INDIA MARATHON. Indian festivals are also celebrated in the hostels which helps the students to build comradery amongst each other. Motivational sessions are also organized for the students to encourage them in their preparation for the competitive exams. Students are also given sports equipments like badminton, Table tennis, chess & carrom to play sports in their free time.

Apart from the above, parents are allowed to visit their wards in their hostels and parents teachers meet are held on a regular intervals.



Students of CCL KE LAL LAADLI participated in 2nd Coal India Marathon and Got a chance to meet the Legendary P.T Usha (Hon'ble Member of Rajya Sabha).

Arif



Children's Day was celebrated at Ranchi Science City for at Students of CCL KE LAL LAADLI students



Parents Teacher Meeting at CCL KE LAL LAADLI study center

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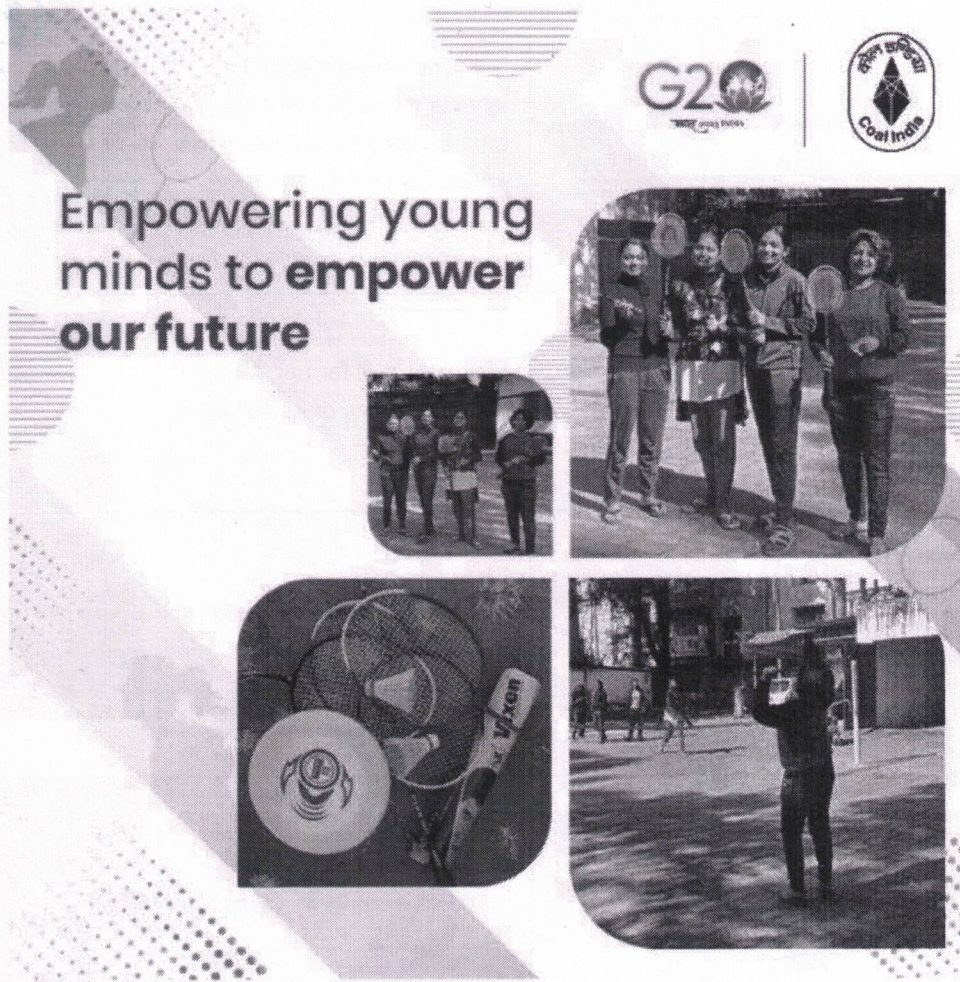


Coal India Limited ✓

14h · 🌐



"CCL KI LAADLI" is an initiative of CIL arm Central Coalfields Limited aiming to empower & assist underprivileged Jharkhand students taking JEE Mains/ Advance. Provision of a complete #Badminton setup was given to the students aiming to crack these exams to stimulate & assist in their entire growth.



Badminton setup provided at CCL KI LAADLI Hostel

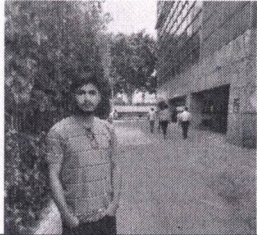
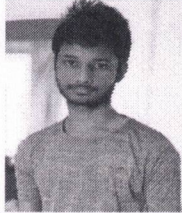
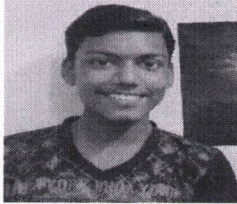
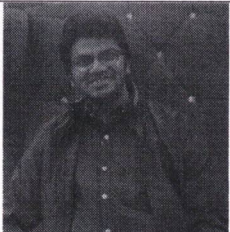
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H) Impact :

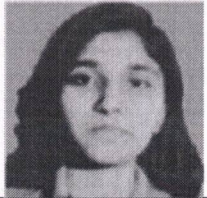
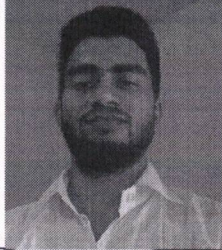

Tangible Impacts:

- **Educational Empowerment:** The scheme provides free coaching for engineering entrance examinations to meritorious students from marginalized backgrounds. As a result, these students gain access to quality education that would otherwise be financially out of reach.
- **Placement Opportunities:** Graduates of the program have secured placements in various MNCs such as Google, Microsoft, and Amazon, as well as in CPSEs like HAL and CCL. This tangible outcome directly improves their career prospects and economic well-being.

Some of the remarkable examples are as follows :

S.no	Name	College	Background of the Family	
1	AMAR AGARAWAL	B.Tech from IIT.	His father wanted him to become a Government teacher but now he is working with an MNC with a CTC of Rs 40 Lakhs.	
2	Nikhil Nischal	B.Tech from IIT Ropar	Son of a small farmer, bagged a hefty package of Rs 40 Lakhs.	
3	Siddhant Prasad	IIT Delhi	Son of a tailor who cracked IIT Delhi	
4	Vivek Kumar Mehta	IIIT Allahbad	Son of a farmer, bagged a package of Rs 40 Lakhs.	

Preed

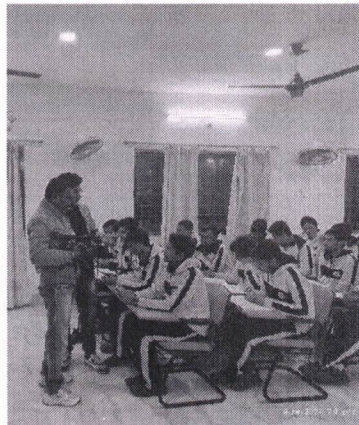
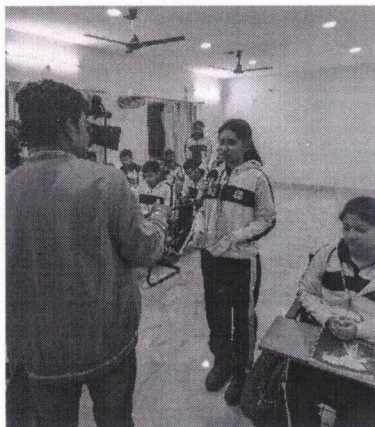
5	Tejaswi Kumari	IIT (ISM) Dhanbad	Father is a contractual teacher.	
6.	LAXMAN YADAV	JPSC	He studied in 2014-16 batch of CCL Ke Lal. He qualified JPSE with AIR 58 and presently posted at Sahebganj as District Education Officer . His father is a small farmer in Bokaro	
8	VICKY KUMAR NAYAK	IIT(BHU)	He studied in 2018-20 batch of CCL KeLal and got admission in Computer Science branch at IIT(BHU), Varanasi. He has gained 41 LPA offer from Sap Labs	

Total of 229 students have passed from this scheme since 2012 and are either studying in engineering colleges such as IIT, NIT, IIIT, IIST, BIT, State Govt Collges or are working in MNCS such as Zomato, Oracle, Amazon etc.

Intangible Impacts:

- Confidence and Aspiration: Exposure to quality education and mentorship instils confidence in the students. They aspire to achieve higher goals, breaking the cycle of limited opportunities that often plagues marginalized communities.
- Social Transformation: By empowering students with education, the scheme contributes to broader social transformation. These educated individuals become role models and catalysts for change within their communities.

l) **Branding** : The branding of the scheme has garnered interest of many media houses who have covered this scheme in sevral newspapers here are few snippets .



Apex

Jharkhand State Sports Promotion Society [JSSPS]
(A CSR initiative of CCL with Govt of Jharkhand)
 MEGA SPORTS COMPLEX, KHELGAON, HOTWAR, RANCHI
 (JHARKHAND)

Introduction:

Jharkhand hosted 34th National Games at Ranchi in 2011. A state-of-the-art integrated sports complex was constructed at Hotwar, Ranchi. The infrastructure remained idle for about four years and deteriorated due to weathering. Renovation and gainful utilization was subject of concern. In 2015, the top administrative officials of Govt of Jharkhand and CCL under guidance of MOC, GOI planned to join hands for a major sustainable CSR model to promote sports and develop raw talent and shape naturally athletic young Jharkhandis into Medal Winning Heros, by utilizing the available world class infrastructure.

An MOU was signed between Central Coalfields Ltd and Govt of Jharkhand in September'2015 to Upgrade, establish, operation, maintenance and management of the Sports Academics. The Sports Academy project, Hotwar Ranchi came into being envisaging under joint initiative of Central Coalfields Limited (CCL) and Govt of Jharkhand with funding in the ratio 50:50 and operated through Jharkhand State Sports Promotion Society (JSSPS). The Local Management Committee (LMC) is manned by CCL officials from different departments who look after the day-to-day operation and management of the Sports Academy and Civil and electrical maintenance of the Mega Sports Complex (200 Acres)


Present Status of the Sports Academy:

- i. **Strength** -284 Cadets (Boys: 129, Girls: 155)
- ii. **Sports Academies:** 15 Sports Discipline

Operational Sports Discipline (11)			Upcoming Sports Discipline (04)
Athletics	Archery	Football	Badminton
Weightlifting	Taekwondo	Cycling	Table Tennis
Swimming	Shooting	Wrestling	Lawn Tennis
Boxing	Gymnastics		Wushu

iii. **Facilities to Sports Cadets -**

- Basic facilities such as boarding, lodging and most importantly sports training is being provided free of cost.
- Participation in National/International/ Zonal/ State level Competitions etc.
- Education through inhouse school at Khelgaon(CBSE Board) through third party mode.
- Separate hostels for boys and girls.
- Stipend of Rs.500 per month to each cadet with annual increment of 5%.
- Medical and Accidental Insurance through TPA
- Nutritious & Wholesome Meal
- 24x7 Ambulance, Full Time Doctor from CCL

Jshar


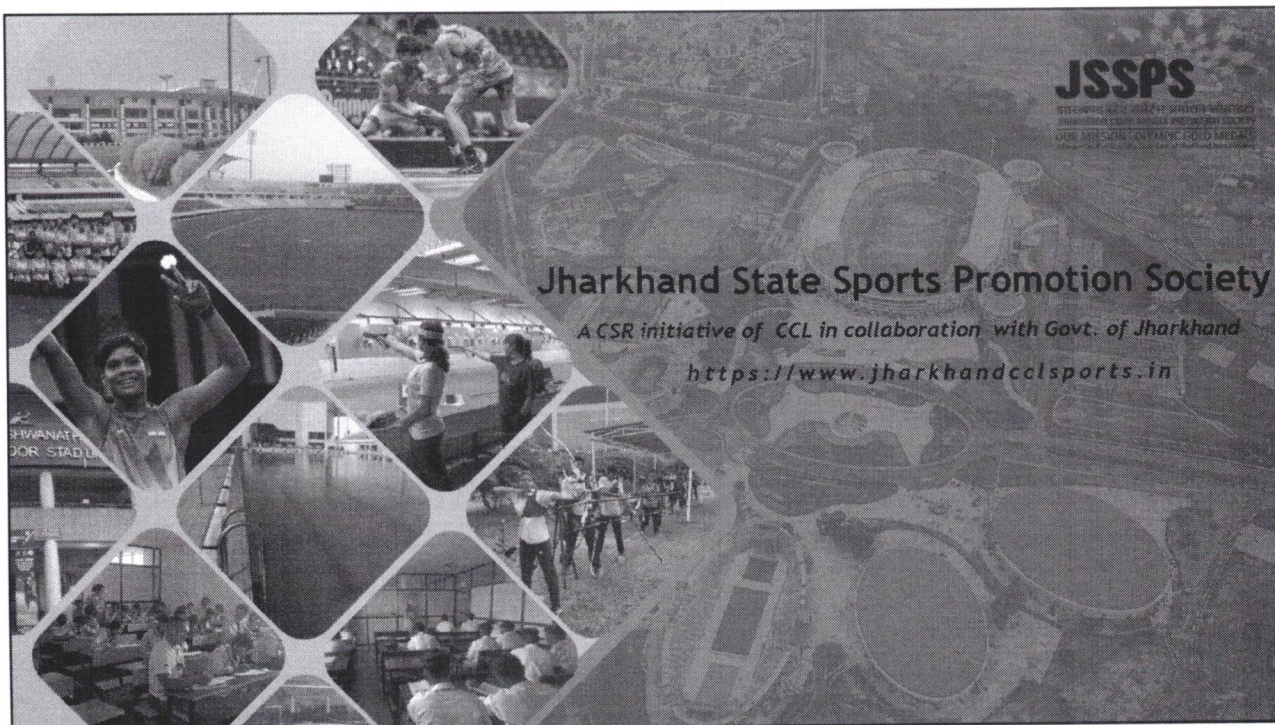
Medal Tally:

MEDALS	INTERNATIONAL	NATIONAL	STATE	TOTAL TALLY
GOLD	4	61	745	810
SILVER	4	62	347	413
BRONZE	6	108	235	349
TOTAL	14	231	1327	1572

Awards:

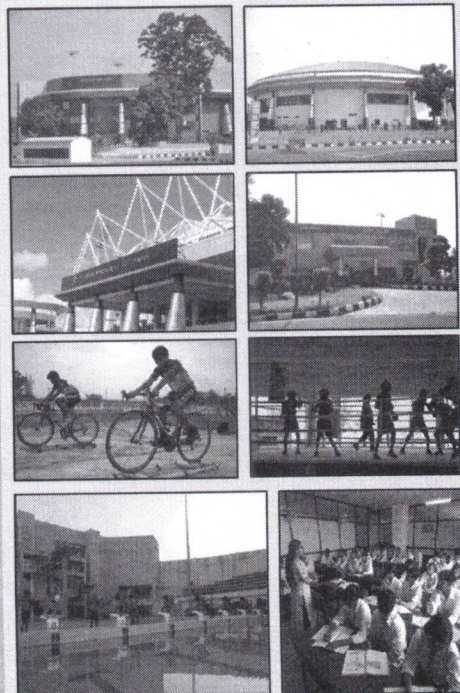
- ✦ 11TH CSR TIMES AWARD- 2024
- ✦ 8th CSR HEALTH IMPACT AWARDS BY IHW COUNCIL-2024
- ✦ JHARKHAND KHEL PROTSAHAN PURUSHKAR (FOR SPORTS DEVELOPMENT)-2023
- ✦ NATIONAL CSR AWARD FOR CONTRIBUTION TO NATIONAL PRIORITY AREAS-2019 & 2020
- ✦ NATIONAL COMMISSION FOR SCHEDULED TRIBES' LEADERSHIP AWARD-2019








JHARKHAND STATE SPORTS PROMOTION SOCIETY (JSSPS)

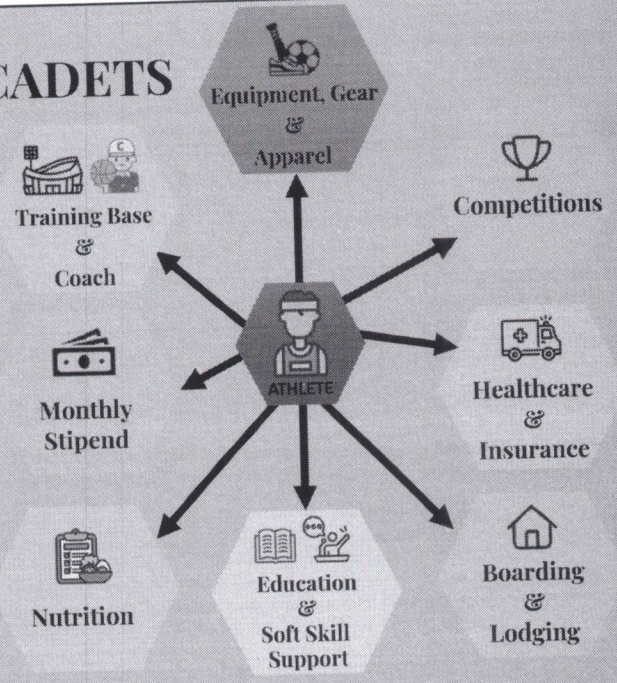
- MoU with State Government of Jharkhand-2015
- Society registered for operation, management and maintenance of Mega Sports Complex, Khelgaon, Ranchi
- State of Art Integrated Sports Complex - 04 Indoor & 06 Outdoor Stadium
- Approx 200 Acres of Campus
- Jointly Funded Venture 50:50
- Sports Academy operational in 2016
- Separate Accommodation Facility with Canteen for Boys & Girls
- In-House Education facility (CBSE)


















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

SUPPORT SYSTEM TO CADETS

 Total Strength	284
 Boys	129
 Girls	155
Team of Coaches & Support Staff	
47	



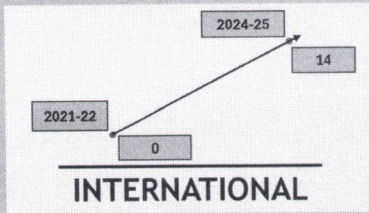
SPORTS DISCIPLINES

 ATHLETICS	 SHOOTING	 SWIMMING	 ARCHERY
 WEIGHT LIFTING	 FOOTBALL	 CYCLING	 WRESTLING
 TAEKWONDO	 GYMNASTICS	 BOXING	
 BADMINTON	 LAWN TENNIS	 TABLE TENNIS	 WUSHU

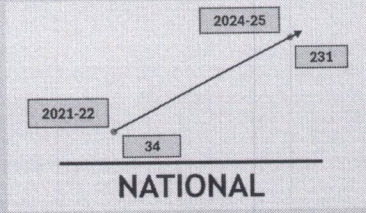
 International Achievements	 Khelo India Accreditation	 Upcoming Sports Disciplines
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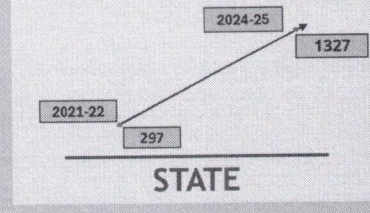
MEDALS TALLY



INTERNATIONAL



NATIONAL

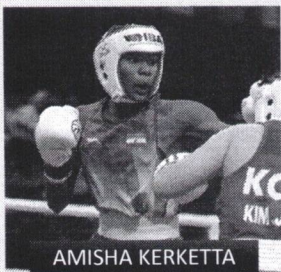


STATE

MEDALS	INTERNATIONAL	NATIONAL	STATE	TOTAL
GOLD	4	61	745	810
SILVER	4	62	347	413
BRONZE	6	108	235	349
TOTAL	14	231	1327	1572

INTERNATIONAL ACHIEVERS

BOXING

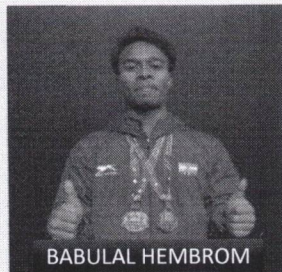


AMISHA KERKETTA

ASBC Asian junior Boxing championship
Abu Dhabi
SILVER MEDAL (2024)
&
IBA World Junior Boxing Championship
Yervan, Armenia
SILVER MEDAL (2023)



WEIGHT-LIFTING

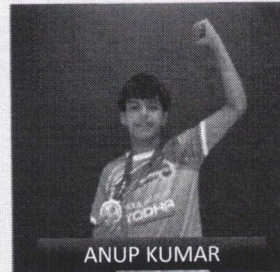


BABULAL HEMBROM

Youth Commonwealth Weightlifting Championship
Suva, Fiji
GOLD MEDAL (2024)
&
Youth World Weight-Lifting Championship
Peru, Lima
&
Asian Weightlifting Championship
Doha, Qatar
3 BRONZE MEDAL (2024)



WRESTLING

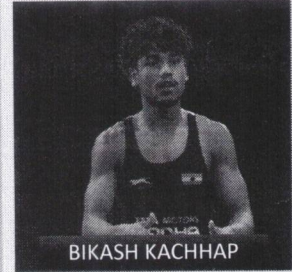


ANUP KUMAR

U-15 Asian Wrestling
Championship
Sricha, Thailand
SILVER MEDAL (2024)



WRESTLING

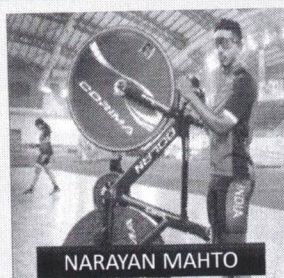


BIKASH KACHHAP

U-17 Asian Wrestling Championship
Amman, Jordan
BRONZE MEDAL (2024)
&
U-17 World Wrestling Championship
Amman, Jordan
PARTICIPATION (2024)

INTERNATIONAL ACHIEVERS

CYCLING



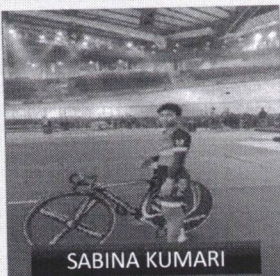
NARAYAN MAHTO

30th Asian Junior Track
Cycling Championship
New Delhi

SILVER MEDAL (2024)



CYCLING



SABINA KUMARI

30th Asian Junior Track
Cycling Championship
New Delhi

GOLD MEDAL (2024)



FOOTBALL



- PUJA KUMARI
- LALITA BOYPAL
- NAINA KUMARI
- SANGITA KUMARI
- URVASHI KUMARI
- CHANDNI KUMARI
- BABITA KUMARI
- SANJANA ORAON
- ANISHA ORAON
- PRIYATAM TIRKEY
- PRATIBHA BHOKTA
- KRANTI ORAON
- PUNITA KUMARI
- POONAM KUMARI
- ABLIN KUJUR
- SONAMATI HORO

63rd Edition Subroto Cup U-17 International Football Tournament
New Delhi

GOLD MEDAL (2024)



AWARDS

(2024)

CSR Times Award (Gold) For
Promotion Of Sports

(2024)

Gold Award By The Integrated
Health & Wellbeing (IHW)
Council

(2019)
(2020)

National CSR Awards

(2021)

Best Institution For Sports
Promotion By Jharkhand
Olympic Association

(2019)

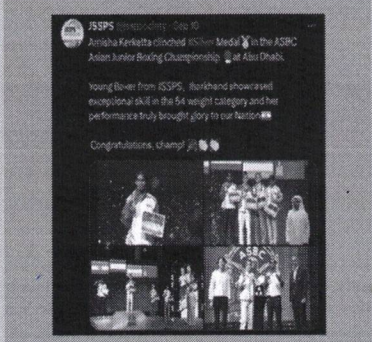
National Commission For
Scheduled Tribes Leadership
Award

(2019)

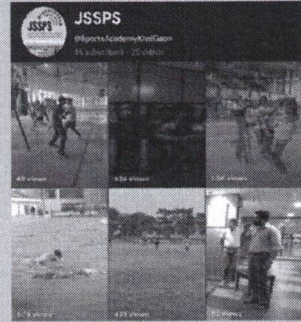
FICCI India Sports Award



facebook.com/profile.php?id=61559707280287



x.com/jsspsociety



Youtube.com/@SportsAcademyKhelGaon

Address : 1st Floor Administrative Building, Mega Sports Complex, Khelgaon, Hotwar, Ranchi- JH
 For any quires and feedback e-mail us on: ceojssps.ccl@coalindia.in OR jsspsociety@gmail.com

THANK YOU



**Annexure-IX Covering Letter
(On Applicants/proposer's letterhead)**

Ref.:

Date:

Place:

To,
Tender Inviting Authority,
Central Coalfields Limited
Darbhanga House, Ranchi (Jharkhand)
Email: - gmenvt.ccl@coalindia.in

Subject: EOI for Engagement of prospective agencies for preparation of Physical /AR VR based models to be showcased at Global Conference cum Exhibition on Environmental Sustainability in Coal Sector to be held at Bharat Mandapam, New Delhi or at any other city within India.

EOI Reference: Dated

eTender ID: 2025_CCL_ _____

Dear Sir,

We hereby, submit our EOI for **“Engagement of prospective agencies for preparation of Physical /AR VR based models to be showcased at Global Conference cum Exhibition on Environmental Sustainability in Coal Sector to be held at Bharat Mandapam, New Delhi or at any other city within India.”** in accordance to the Expression of Interest (EOI) Document No of Central Coalfields Ltd. (CCL), hereinafter, referred to as EOI Document.

We hereby confirm the following:

The EOI is being submitted by _____ (Name of the Applicant/proposer Entity) who is the Applicant/proposer in accordance with the conditions stipulated in the EOI Document.

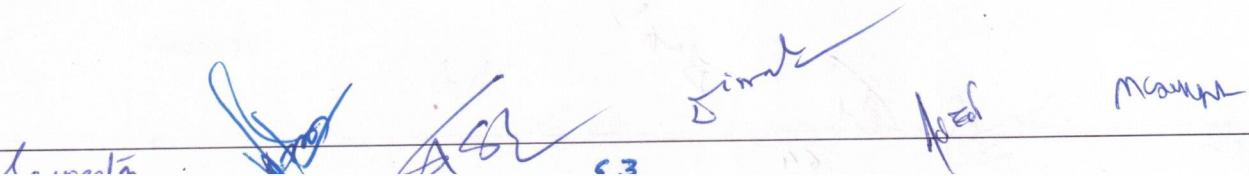
We _____ (Name of the Applicant/proposer Entity), as the Applicants/proposers, would be responsible for completion and performance of the anticipated Scope of Work.

We have examined in detail and have understood, and abide by, all the terms and conditions stipulated in the EOI Document and in any subsequent communication sent by CCL. Our EOI is consistent with all the requirements of submission as stated in the EOI Document or in any of the subsequent communications from CCL.

The information submitted in our EOI is complete, is strictly as per the requirements as stipulated in the EOI Document and is correct to the best of our knowledge and understanding.

Signed for and on behalf of

(Sign. & Seal of Authorized Signatory)



**Annexure-X: General information of the Applicants/proposers
(On Applicants/proposer's letterhead)**

1.1	Full Legal Name of Applicants/proposer's entity	
1.2	Legal Status of the Applicants/proposer's entity	Public Ltd Co/ Pvt Ltd Co/ Partnership/ Proprietorship/ JV/ Consortium/ Individual Consultant/ Research and Technical Institute/ any other status.
1.3	CIN	
1.4	Registration No.	
1.5	Year of Registration	
1.6	Registered Office Address	
1.7	Telephone no	
1.8	e-mail address	
1.9	PAN	
1.10	Principle Place of Business	
1.11	GSTIN	
1.12	Full address of Consulting unit	
2	Details of Personnel Authorized for signing EOI	
2.1	Name	
2.2	Designation	
2.3	Address	
2.4	Mobile Number	
2.5	e-mail ID	
3	Details of Contact Person for Participation in Tenders post EOI	
3.1	Name	
3.2	Designation	
3.3	Address	
3.4	Mobile Number	
3.5	e-mail ID	

(Sign. & Seal of Authorized Signatory)

Anugeta [Signature] [Signature] [Signature] [Signature] [Signature]

Annexure-XI: Format for Undertaking
(TO BE SUBMITTED ON COMPANY LETTERHEAD)

I _____, the Authorized signatory of _____ (Mention name of the Applicant/proposer Entity and its complete address) do here by solemnly affirm and declare as under:-

That our Firm / Company i.e. (mention name of the Applicants/proposers Entity) has applied in response to the invitation of EOI for **EOI for Engagement of prospective agencies for preparation of Physical /AR VR based models to be showcased at Global Conference cum Exhibition on Environmental Sustainability in Coal Sector to be held at Bharat Mandapam, New Delhi or at any other city within India.**

1. That our Firm / Company i.e. _____ (Mention name of the Applicants/proposers Entity) is eligible to submit the aforesaid EOI as it not is under liquidation, court receivership or similar proceedings.
2. That all the information, documents and declarations submitted in/with our EOI are correct to the best of our knowledge and understanding.
3. That if any information, document or declaration submitted in/with our EOI, is found to be incorrect at a later date, we indemnify CCL against any loss due to this and CCL may take any action as deemed fit.
4. We hereby declare the following:
 - a) We have not been Banned/Blacklisted as on date of submission of bid by any of the Central or State Governments in India / Government Department in India / Indian PSU / autonomous organizations in India / multilateral donor institutions. If banned, information with details.
5. We further declare as under:

That if any information / data furnished by us is found to be incorrect or false or misleading at any point of time, it would render us liable to be debarred from any subsequent tendering / taking up of work in CCL, and CCL shall have the full right to take any action as per applicable laws.

Signed for and on behalf of:

(Sign. & Seal of Authorized Signatory)

Date:

Place:

Sujeeta

[Signature]

[Signature]

Sinal

[Signature]

Mohit

Annexure-XII: Details of Applicants/proposer's experience

(On Applicants/proposer's letterhead)

Sl No.	Project Name	Location of Service	Client/ Customer Name and Address	Date of Award	Work Completion Value in Rs.	Completion period

(Sign. & Seal of Authorized Signatory)

Signature

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

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Annexure-XIII: Documentary evidence of adequate working capital (20% of the proposed estimated cost)

SAMPLE CHECKLIST OF WORKING CAPITAL CERTIFICATE

THIS IS A SAMPLE CHECKLIST FOR WORKING CAPITAL CERTIFICATE. (FOR REFERENCE PURPOSE ONLY).

The Working Capital Certificate issued by CA should contain the following important parameters in line with the information furnished by the bidder online:

1. Name of Bidder:
2. Amount of Available Working Capital inclusive of lines of credit and availability of other financial resources:

SI No.	Particulars	Value in Rs.
(1)	(2)	(3)
1	Current Asset (CA)	
2	Current Liability (CL)	
3	Working Capital (1-2)	
4	Access to lines of credit and availability of other financial resources	
5	Working Capital inclusive of Access to lines of credit and availability of other financial resources (3+4)	

Note: For eligibility Amount should be at least 20% of the Annualized value or Estimated value whichever is less.

3. Date on which bidder possess working capital: (Should be within 3 months prior to the date of opening of tender).
4. Name of Chartered Accountant (CA) with Membership No.:
5. Date of issue of Certificate: (Should be within 3 months prior to the date of opening of tender).
6. Certificate should be issued by Practicing CA (having Membership No.) containing UDIN No.

NOTE:

1. Access to line of Credit and availability of other financial resources shall imply the Net availability of Funds* towards Working Capital, as on the date on which bidder possesses working capital.

* The net availability of funds is the availability of unutilized fund.

Sangeeta

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[Handwritten signature]

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[Handwritten signature]

[Handwritten signature]

Annexure-XIV: Desired information/Input from Applicants/proposers

Arveta

[Signature]

[Signature]

[Signature]

[Signature]

Machon