



सी.एम.पी.डी.आई.  
***cmpdi***  
A Mini Ratna Company

## TENDER DOCUMENT

FOR  
DESIGN, ENGINEERING, PROCUREMENT & SUPPLY,  
CONSTRUCTION & ERECTION, TESTING AND  
COMMISSIONING OF  
GRID CONNECTED 1300 KW (AC) ROOF TOP SOLAR POWER  
PLANT HAVING TEN YEARS COMPREHENSIVE O&M  
FOR  
NORTHERN COALFIELDS LIMITED  
AT  
IWSS, KHADIA, KAKRI & BINA AREA, NCL

VOLUME – I

[COMMERCIAL]



January, 2025

Central Mine Planning and Design Institute Ltd.  
(A Subsidiary of Coal India Ltd.)  
Gondwana Place, Kanke Road,  
Ranchi - 834031 (Jharkhand)

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***SECTION-I***

**e-TENDER NOTICE**



**CENTRAL MINE PLANNING AND DESIGN INSTITUTE LIMITED**  
(A Miniratna Company & Subsidiary of Coal India Limited) **OFFICE**  
**OF THE GENERAL MANAGER (E&M)/HoD (E&M)**

**Reg. Office: Gondwana Place, Kanke road, Ranchi-834031(Jharkhand)**

**Website: www.coalindiatenders.nic.in**

**Mail ID: gmenm.cmpdi@coalindia.in**

**NIT No.: CMPDI/ENM/NCL/SOLAR/2024-25/01**

**Date: 31.01.2025**

**Tender id no: 2025\_CMPDI\_327600\_1**

**e-TENDER NOTICE**

1. Tenders are invited on-line 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(s):

<b>Description of work</b>	<b>Location</b>	<b>Date of commencement of work</b>	<b>Earnest Money (In Rs.)</b>	<b>Period of Completion(in Days)</b>
Design, Engineering, Procurement & Supply, Construction, Fabrication, & Erection, Installation, Testing & Commissioning of grid connected roof top solar power plant of aggregate capacity of <b>1300 kW (AC) / 1438 kWp (DC) (Min.) at IWSS, Khadia, Kakri, Bina Area, NCL</b> consisting of all Civil, Structural, and Electrical Works and all other accessories and facilities required to make it complete in all respects including Power Evacuation, Connectivity approvals and Comprehensive Operation & Maintenance of plant for ten years.	IWSS, Khadia Area, Kakri Area, Bina Area, NCL State: Uttar Pradesh	Within <b>30 days</b> from the issue of letter of acceptance and submission of Performance Security or seven days after handing over the site for the first activity as per PERT network chart, whichever is later.	<b>10,73,300/- (Ten Lakhs Seventy Three Thousand, Three hundred only)</b>	Total contract period: <b>3802 days</b> (150 days + 3652 days) a) Construction of plant including testing & commissioning: <b>150 days.</b> b) Comprehensive Operation & Maintenance of Plant: <b>3652 days.</b>

**Note: Estimated cost put to tender (inclusive of GST) of the work is ₹ 858.57 Lakhs**

<b>Tender inviting authority</b>	<b>Contact Person(s) - CMPDI</b>	<b>Contact Person for site visit of work</b>
HoD (E & M) CMPDIL, Kanke Road, Ranchi-834008 Contact No. – 0651-2230876	Atul Kumar General Manager(E&M), CMPDIL, Kanke Road, Ranchi-834008 Contact No. – 8987788901	Tapan Kumar Das GM(E&M)/HoD Solar Energy NCL HQ., PO – Singrauli Colliery, Singrauli, M.P. – 486889 Contact No. 8770668692

HELP DESK (24 X 7) TEL. NO.: 0120-4200462, 0120-4001002, 0120-4001005, 0120-6277787

**The details of the tender will be mirrored in the Central Public Procurement Portal <http://eprocure.gov.in> of Govt. of India.**

## DETAILS OF GST REGISTRATION OF NCL:

GSTIN of NCL	Madhya Pradesh (MP)	Uttar Pradesh (UP)
	23AABCN4884H1ZE	09AABCN4884H1Z4

**Note:**

- (i) Availability of Input tax credit to NCL: Input tax credit is to be availed by NCL as per rule.
- (ii) The bid documents will be available on the website (<https://www.coalindiatenders.nic.in>) and can be downloaded by the bidder up to the bid submission end date. The details of the tender will be mirrored on the Central Public Procurement Portal (CPP) of Govt. of India (<https://eprocure.gov.in>).

### 2. Time Schedule of Tender:

Sl. No.	Particulars	Date	Time (IST)
a.	Tender Publication Date	<b>Date and Time as mentioned in the website</b>	
b.	Document download Start Date		
c.	Document download End Date		
d.	Bid Submission Start Date		
e.	Bid Submission End Date		
f.	Start Date for seeking Clarification on-line		
g.	Last Date for seeking Clarification on-line		
h.	Date of Pre-bid Meeting		
i.	Bid Opening Date [Cover-I (Technical-bid)]		
j.	Bid Opening Date [Cover-II (Price-bid)]		

For details of qualification requirements, and complete tender document, visit our website <http://eprocure.gov.in/cppp>. Detailed Tender Notice is available at <https://coalindiatenders.nic.in>

**End user portal agreement of CIL is applicable for CMPDI and NCL also.**

**Note:**

- i. If number of bids received online is found to be less than three, then last date of submission of Bid and Technical Bid Opening date will be automatically extended for a period of Four days ending at 17.00 hrs. The auto extension shall work on the basis of number of bids received only. In case of holiday, the due date of opening will be extended to next working day.
- ii. This extension will be also applicable in case of receipt of zero bid.
- iii. Bidders will have right to modify / withdraw their bids during extended period of submission of bids.
- iv. After extension, as stated above the tender shall be opened irrespective of available no. of bids on the extended date of opening of tender.
- v. If the above extended date falls on Holiday i.e. a non-working day as defined in the e-procurement portal, then the same is to be re-scheduled to the next working day.
- vi. The validity period of the tender should be decided based on the final end date of submission of bids.
- vii. The Employer reserves the right to issue corrigendum/addendum and it shall be binding on part of the Bidders.

### 3. Deposit of EMD:

**₹ 10,73,300.00 (Ten Lakhs Seventy-Three Thousand Three hundred only)** is to be deposited as Earnest Money/ Bid Security.

3.1 The Bidder will have to make the payment of EMD through online mode only. In Online mode the Bidder can make payment of EMD either through net-banking from designated Bank/s or through NEFT/ RTGS from any scheduled Bank.

Net-Banking: In case of payment through net-banking the money will be immediately transferred to designated Account.

NEFT/ RTGS: In case of payment through NEFT/ RTGS the Bidder will have to make payment as per the Challans generated by system on e-Procurement portal before submission of bid. The EMD payment through NEFT/ RTGS mode should be made well ahead of time to ensure that the EMD amount is transferred to account before bid submission.

3.2 Bidder will be allowed to submit his/her bid only when the EMD is successfully received in designated account and the information flows from Bank to e-Procurement system.

~~3.3 In case of exemption of EMD, the scanned copy of document (attested by notary public) in support of exemption will have to be uploaded by the bidder during bid submission. However, this option is to be enabled only in those cases where the exemption of EMD to some bidders is allowed as per NIT.~~

In online payment of EMD, if the payment is made by the Bidder within the last date & time of bid submission but not received by the Company within the specified period due to any reason then the bid will not be accepted. However, the EMD will be refunded back to the Bidder.

**Note: EMD exemption is not applicable for the instant tender.**

4. **Seeking Online Clarification by bidder:** The bidder may seek clarification online within the specified period in the e- Procurement portal of CIL only. The identity of the Bidder will not be disclosed by the system. The department will clarify as far as possible the relevant queries of bidders. No offline communication shall be entertained. The clarifications given by department will be visible to all the bidders intending to participate in that tender.

### ~~5. Pre Bid Meeting:~~

~~The pre bid meeting shall be held online as per the scheduled date & time, as specified in the e-Procurement portal. The purpose of the pre bid meeting is to clarify the issues and to answer the questions on any matter that may be raised at that stage. Non attendance at the pre bid meeting will not be a cause for disqualification of Bidder and it shall be presumed that the Bidder does not require any clarification. If a Pre Bid meeting is held then the minutes of the Pre Bid meeting shall be uploaded on the Portal, before start date of bid submission which can be viewed by all interested Bidders.~~

6. The Bidders have to accept the on-line user portal agreement, which contains the acceptance of all the Terms and Conditions of NIT and tender document, undertakings and the e-Procurement system through <https://coalindiatenders.nic.in> in order to become an eligible Bidder. This will be a part of the agreement.

### 7. ELIGIBLE TENDERERS:

7.1 The Invitation for Bid(s) is open to all Bidders including an individual, proprietorship firm, partnership firm, company registered under Companies Act, any legal entity or JV/Consortium. The bidders shall be eligible to participate only if they fulfill the qualifying criteria laid down separately hereinafter.

- 7.2 A firm that has been engaged by the Employer to provide consulting services for the preparation or supervision of the Works shall not be eligible to Bid.
- 7.3 Joint Venture (JV)/ Consortium: Two or three companies/ contractors may jointly undertake contract/contracts. Each entity will be jointly and severally responsible for completing the task as per the contract.

JV/Consortium details:

Name of all Members of a JV/CONSORTIUM (not more than 3):

- i. Lead Member (minimum participation share – 50%)
- ii. Member (minimum participation share – 20%)
- iii. Member (minimum participation share – 20%)

7.4 JV/Consortium must comply the following requirements:

- i. The qualifying criteria parameter e.g. experience, financial resources (of the relevant period) and the equipment/fleet strength of the individual member of the JV/CONSORTIUM will be added together and the total criteria should not be less than as spelt out in qualifying/eligibility criteria as specified in e-tender Notice. However, the required Working Capital shall be met by individual members of JV/CONSORTIUM as spelt out in the relevant Clause.
- ii. The formation of JV/CONSORTIUM or change in the JV/CONSORTIUM character/ members after submission of the bid and any change in the bidding regarding JV/CONSORTIUM will not be permitted.
- iii. The bid, and in case of a successful bid - the agreement, shall be signed so as to legally bind all members jointly and severally and any bid shall be submitted with a copy of the JV/CONSORTIUM Agreement providing the joint and several liabilities with respect to the contract.
- iv. The pre-qualification of a JV/CONSORTIUM does not necessarily pre-qualify any of its member individually or as a member in any other JV/CONSORTIUM. In case of dissolution of a JV/CONSORTIUM, each one of the constituent firms may pre-qualify if they meet all the pre-qualification requirements, subject to written approval of the employer.
- v. The bid submission must include documentary evidence to the relationship between JV/CONSORTIUM members in the form of JV/CONSORTIUM Agreement to legally bind all partners jointly and severally for the proposed agreement which should set out the principles for the constitution, operation, responsibilities regarding work and financial arrangements, participation (percentage share in the total) and liabilities (joint and several) in respect of each and all of the firms in the JV/CONSORTIUM. Such JV/CONSORTIUM Agreement must evidence the commitment of the parties to bid for the facilities applied for (if pre-qualified) and to execute the contract for the facilities if their bid is successful.
- vi. One of the members shall be nominated as ‘In-charge’ of the contract and shall be designated as Lead Partner. This authorization shall be evidenced by submitting with the bid a Power of Attorney signed by legally authorized signatories of all the members.
- vii. The JV/CONSORTIUM must provide that the Lead Member shall be authorized to incur liabilities and receive instructions for and on behalf of any and all members of the JV/CONSORTIUM and the entire execution of the contract shall be done with active participation of the Lead Member.
- viii. The contract agreement should be signed by each JV/CONSORTIUM members. Subsequent declarations/letters/documents shall be signed by lead member authorized to sign on behalf of the JV/CONSORTIUM or authorized signatory on behalf of JV/CONSORTIUM.
- ix. The bid should be signed/digitally signed by the DSC holder submitting the Bid.

- x. An entity can be a member in only one JV/CONSORTIUM. Bid submitted by JV/CONSORTIUM including the same entity as member will be rejected.
- xi. The JV/CONSORTIUM agreement may specify the share of each individual member for the purpose of execution of this contract. This is required only for the sole purpose of apportioning the value of the contract to that extent to individual member for subsequent submission in other bids if he intends to do so for the purpose of the qualification in that Bid.
- xii. The JV/CONSORTIUM agreement must specifically state that it is valid for the project for which bidding is done. If JV/CONSORTIUM breaks up midway before award of work and during bid validity period bid will be rejected.
- xiii. If JV/CONSORTIUM breaks up midway before award of work and during bid validity/after award of work/during pendency of contract, in addition to normal penalties as per provision of bid document, all the members of the JV/CONSORTIUM shall be debarred from participating in future bids for a minimum period of 12 months.
- xiii. JV/CONSORTIUM agreement shall be registered in accordance with law so as to be legally valid and binding on the members before making any payment.

Note: If the work is awarded to a JV/CONSORTIUM firm, they will register the JV/CONSORTIUM agreement under Registration Act in accordance with law.

- xiv. JV/CONSORTIUM shall open a bank account in the name of JV/CONSORTIUM and all payments due to the JV/CONSORTIUM shall be credited by employer to that account only. To facilitate statutory deductions all statutory documents like PAN, GST registration etc. shall be submitted by JV/CONSORTIUM before making any payment.
- xv. **The JV/CONSORTIUM must enroll in the e-Procurement portal with the name of the firm as appearing in the JV/CONSORTIUM agreement.**

- 7.5 Preference to Make in India (as applicable) vide Order No. P-45021/2/2017-PP (BE-II) issued by Govt. of India as amended from time to time shall be applicable. The Company reserves its right to allow Public Enterprises purchase preference facility as admissible under prevailing policy.
- 7.6 No sub-letting of the work as a whole by the contractor is permissible. Prior permission is required to be taken from the principle employer for engagement of sub-contractors.

**8. ELIGIBILITY CRITERIA:** Eligibility Criteria to qualify for the award of contract and data/supporting documents to be uploaded online.

8.1. Eligibility criteria to qualify for award of the contract –

**A. WORK EXPERIENCE:** The intending tenderer must have in its name experience of having successfully completed similar works during last 7 (Seven) years ending last day of month previous to the one in which bid applications are invited i.e. e-publication date on procurement portal should be any of the following.

- i) Three similar completed works each costing not less than the amount equal to 20% of the estimated cost put to tender.
- Or
- ii) Two similar completed works each costing not less than the amount equal to 25% of the estimated cost put to tender.
- Or
- iii) One similar completed work costing not less than the amount equal to 40% of the estimated cost put to tender.



## **DEFINITION OF SIMILAR WORK:**

**The definition of similar works shall be work related to design, supply, installation, testing & commissioning of Solar Photo Voltaic (SPV) grid connected power plant(s). The SPV plant shall be any or all of the following installations:**

- a. Ground Mounted SPV**
- b. Roof-top SPV**
- c. Floating SPV**

## **Scanned copy of documents to be uploaded by Bidders (CONFIRMATORY DOCUMENT):**

The intending tenderer must submit documentary evidence in support of above in the form of (i) certified copy of work order, (ii) completion certificate indicating value and period of work, the TDS certificate be submitted during clarification, if any.

Note:

- 1). The experience towards overseas jobs, if submitted, should be vetted/endorsed by the relevant\* embassy/high commission concerned, towards authenticity of document in English or translated in English language.  
(\*Relevant embassy/High Commission means the embassy/High Commission in India of the country where the bidder has executed the said work or country of origin of the bidder OR the Indian embassy in the country where bidder has executed the work or country of origin of the bidder.)
- 2) JV/Consortium, shall be allowed for participation in the bid with estimated cost Above Rs. 5.0 Crores.

The above qualification criteria shall be fulfilled by JV/CONSORTIUM in the following manner.

The qualifying criteria parameter e.g. experience of the individual partners of the JV/CONSORTIUM will be added together as deliberated hereinafter towards fulfillment of qualification criteria related to experience.

- a) In case of completion of single work of similar nature costing, not less than the amount equal to 40% of the estimated cost put to tender: -  
Any of the JV/CONSORTIUM partner shall have the experience of having completed successfully a single work of similar nature equal to 40% of the estimated cost put to tender.

OR

- b) In case of completion of two works of similar nature each costing not less than the amount equal to 25% of the estimated cost put to tender: -

- i) Any one partner can match the above requirement.

OR

- ii) At least two partners should each have completed at least one work of similar nature each costing not less than the amount equal to 25% of the estimated cost put to tender.

OR

- c) In case of completion of three works of similar nature, each costing not less than the amount equal 20% of the estimated cost put to tender: -

- i) Any one partner can match the above requirement.

OR

- ii) Any two partners shall match the above requirement through completion of at least two work by one partner and one work by other partner of similar nature each costing not less than the amount equal 20% of the estimated cost put to tender: -

OR

- iii) All the three partners shall match the above requirement through completion of at least one work of similar nature each costing not less than the amount equal 20% of the estimated cost put to tender.

Experience for those works only shall be considered for evaluation purposes, which match eligibility requirement stipulated above, on or before the last day of month previous to one in which tender has been invited (publication date of NIT). The experience of incomplete/ongoing works as on last date of eligibility period will not be considered for evaluation. If the referred work includes construction, operation as well as maintenance after construction, the experience of such work may be considered as 'acceptable' if the construction part is completed as on the last date of 'eligibility period', even if operation/maintenance work is ongoing, and the certificate issued clearly stipulates the same.

Completion of works means completion of works by undertaking entire responsibility from design, Supply, Installation, Construction and Commissioning.

In all the above cases, while considering the value of completed works, the full value of completed work be considered whether or not the date of commencement is within the said seven years' period.

Cost of previous completed work(s) shall be given a simple weightage of 7% per year to bring them at current price level, while evaluating the qualification requirement of the bidder. Such weightage shall be considered after end date of completion. The year can be considered as suitable consecutive 365 days till the last day of month previous to one in which bid has been invited. Updating will be considered for full or part of the year (total no. of days / 365) i.e. considering 365 days in a year, till the last day of month previous to one in which bid has been invited.

**Data to be furnished by the Bidders:**

- i. Start date & end date of each qualifying experience (similar nature)
- ii. Work order Number /Agreement Number of each experience
- iii. Name & address of Employer/Work Order Issuing authority of each experience
- iv. Percentage (%) share of each experience (In case the experience has been earned by the bidder as a partner in a JV/Consortium firm/partnership firm then the proportionate value of experience in proportion to actual share of bidder in that JV/Consortium firm/ partnership firm will be considered against eligibility else it shall be taken as 100%).
- v. Executed Value of work against each experience
- vi. In case the bidder is a JV/Consortium, work experience as above may be furnished as the work experience of the bidder.

**Note:**

**Till the time of changes in the e-procurement portal regarding weightage from 5% to 7% is configured in the portal, the 5% weightage shall be considered for work experience for floating of tender on NIC portal.**

**B. FINANCIAL TURNOVER:**

Average annual financial turnover during the last 3 (three) years, ending 31st March of 2024 financial year should be at least 30% of the estimated cost put to tender.

The intending bidders must submit the Financial Turnover certificate (with UDIN No.) issued by a Practicing Chartered Accountant having a membership number with Institute of Chartered Accountants of India, containing the information as furnished by bidder online.

The foreign partner(s) should submit Financial Turnover certificate based on IFRS (International Financial Reporting Standards) accounting standard certified by a local practicing public accountant/audit firm duly vetted/endorsed by the relevant \*Embassy/High Commission concerned, towards authenticity of document.

(\*Relevant embassy/High Commission means the embassy/High Commission in India of the country where the bidder has obtained Turnover certificate or country of origin of the bidder OR the Indian embassy in the country where the bidder has obtained Turnover certificate or country of origin of the bidder.)

**Note:**

- i) Financial turnover shall be given a simple weightage of 7% per year to bring them at current price level, while evaluating the qualification requirement of the bidder. Such weightage shall be considered from the end date of financial year. Updating will be considered for full or part of the year (total no. of days / 365) i.e. considering 365 days in a year, till the last day of month previous to one in which bid has been invited.