

Coal India Limited

(A Maharatna Company)

Tender no. : CIL/CV/2021/NIT/4810

Dated :27.03.2021

Tender Document

For

Acquisition and Handover of Land, Design, Engineering, Supply and Procurement, Construction, Erection, Testing, Commissioning, Operation and Maintenance of Solar Photovoltaic Grid-Connected Power Plant of capacity 100 MW(AC) including Evacuation Infrastructure in Gujarat

(Only through e-Tender mode for the CIL empaneled Vendors)



(A Maharatna Company)

**COAL INDIA LIMITED
COAL BHAWAN,
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Email: edene.cil@coalindia.in, website: www.coalindia.in**

About the Company

- Coal India Limited (CIL) the state-owned coal mining corporate came into being in November 1975. CIL functions through its subsidiaries in 84 mining areas spread over eight (8) states of India. Coal India Limited has 352 mines (as on 1st April 2020) of which 158 are underground, 174 opencast and 20 mixed mines.
- CIL Produces around 83% of India's overall coal production in India where approximately 57% of primary commercial energy is coal dependent, CIL alone meets to the tune of 40% of primary commercial energy requirement. The share of coal is expected to remain high at 48-54% till 2040 and accounts for 76% of total thermal power generating capacity of the Utility sector.
- CIL is a Maharatna Company – a privileged status conferred by Government of India to select state owned enterprises in order to empower them to expand their operations and emerge as global giants. CIL has seven producing subsidiaries namely Eastern Coalfields Limited (ECL), Bharat Coking Coal Limited (BCCL), Central Coalfields Limited (CCL), Western Coalfields Limited (WCL), South Eastern Coalfields Limited (SECL), Northern Coalfields Limited (NCL) and Mahanadi Coalfields Limited (MCL) and one mine planning and consultancy company- Central Mine Planning & Design Institute (CMPDI). In addition, CIL has a foreign subsidiary in Mozambique namely Coal India Africana Limitada (CIAL). The mines in Assam i.e. North Eastern Coalfields is managed directly by CIL.
- To realize its goal to cater the energy demand of country with coal and also through Renewable Energy, CIL has a target to become Net Zero Energy Company by 2024 by establishing 3 GW of solar PV power projects. CIL is currently exploring the following options for development of solar PV projects:
 - a) Development of solar PV projects by CIL and its subsidiaries at own land or any other suitable land at any location in India, as available.
 - b) Development of large-scale solar PV projects to be awarded based on competitive bidding / to be developed in solar parks / bilaterally identified projects / any other large-scale projects as applicable.

Feasibility of execution of solar PV projects in CIL's available land as well as in any other suitable land at any location in India is being explored.

(The above list is indicative and has been prepared based on current plan. CIL may modify the list in future at its own discretion)

- For detailed profile of company and past financial results, bidders may visit the CIL website: <https://www.coalindia.in/>.

About the Project

- Gujarat Urja Vikas Nigam Limited (GUVNL) floated a tender for procurement of 500 MW solar power through competitive bidding (followed by e-reverse auction) from Solar PV Power Projects to be set up in Gujarat through RfS No. GUVNL / 500 MW / Solar (Phase XII) dated 23.01.2021. As per the tender conditions, the successful bidder shall set up Solar PV Power Project including the transmission network (with grid connectivity) up to the Delivery Point at its own cost. All approvals, permits and clearances required for setting up of the Project (including transmission infrastructure, connectivity and land registration) and those required from State Government and local Bodies shall be in the scope of the successful bidder. The responsibility of getting the grid connectivity with GETCO / CTU shall entirely be of the Successful Bidder.
- CIL participated in the said tender with a quoted capacity of 100 MW (AC). Upon conclusion of the Reverse E-Auction on 22.03.2021, CIL was awarded the capacity of 100 MW (AC).
- CIL now issues this RFP for selection of EPC-cum-O&M contractor for the entire EPC work for the Project including acquisition and handover of encumbrance-free land (to CIL) as well as O&M of the Project for five (5) years from start of PG Test period.

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Ref. No.: CIL/CV/2021/NIT/4810

Dated: 27/03/2021

e-TENDER NOTICE

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

Description of work	Estimated Cost of Work (Including GST) (In INR)	Earnest Money (In INR)	Period of Completion(In Days)
Acquisition and Handover of Land, Design, Engineering, Supply and Procurement, Construction, Erection, Testing, Commissioning and Operation and Maintenance of Solar Photovoltaic Grid-Connected Power Plant of capacity 100 MW(AC) including Evacuation Infrastructure in Gujarat	INR 4,50,00,00,000/-	NA	Total contract period: 2190 Days a) From issuance of LOA to COD: 365 Days (i.e. 1 year) b) Operation and Maintenance of Project: 1825 Days (i.e. 5 years) from COD

Tender inviting authority	Contact Person(s)/Tender Dealing Officer(s)
1. Dr. M.K. Mishra, ED(E&E), CIL E-mail: edene.cil@coalindia.in	1. Mr. B.K. Panda, CM(E&M), CIL E-mail: bpanda4492@coalindia.in Mobile: +91 8249931609 2. Mr. Sagar Sen, CM(M), CIL E-mail: ssen2.cil@coalindia.in Mobile: +91 9433863605
For any Portal related queries please call at 24 x 7 Help Desk Number- 0120-4001 002, 0120-4001 005, 0120-6277 787	

2. **Time Schedule of Tender:**

1	Date of issuance of Tender	27.03.2021
2	Last Date and Time for submission of pre-bid clarifications	02.04.2021 (17:00 hrs)
3	Date and Time of pre- bid meeting	03.04.2021 (14:30 hrs)
4	Last Date and Time for downloading the final RFP	14.04.2021 (17:00 hrs)
5	Last Date and Time for Online Tender submission	15.04.2021 (15:00 hrs)
6	Date and Time of Bid opening	16.04.2021 (10:00 hrs)

Note: The auto extension of submission of bid shall be applicable as per details mentioned in clause no.14 of NIT.

3. **Bid Securing Declaration:**

There shall be no EMD/Bid security for this tender. However, in place of EMD/Bid security the bidder will have to submit a "Bid Security Declaration" in the Undertaking format at Appendix-12 of GTC, accepting that if they withdraw or modify their bids during the period of validity, or if they are awarded the contract and they fail to sign the contract, or to submit a performance security before the deadline or any other default which attracts forfeiture of EMD (as prescribed in the existing manuals) as defined in the request for bid documents, they will be banned for two years from being eligible to submit bids in CIL and its subsidiaries.

4. **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, which can be viewed by all interested bidders.

5. **Clarification of Bid:**

The bidder may seek clarification on-line within the specified period. However, the management will clarify as far as possible to the relevant queries.

6. **User Portal Agreement:**

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 Bidders:**

Bidders who are eligible to participate in this tender will have to use the same registration carried out on CIL's e-Tender Portal (<https://coalindiatenders.nic.in>) during the empanelment process vide EOI document no. CIL/CV/2020/DIVA/D3/Eol/4564 dated 26-11-2020.

8. **Eligibility Criteria:**

- A. Working Capital:** The Bidder must submit the Certificate of possessing adequate Working Capital (at least 20% of the "Annualized value or Estimated value whichever is less" of this work, i.e. amounting to INR 90 Crores) inclusive of access to lines of credit and availability of other financial resources to meet the requirement, issued by a Practicing Chartered Accountant having a Membership Number with Institute of Chartered Accountants of India. Such Certificate should contain the Unique Document Identification Number (UDIN). The bidder should possess the Working Capital issued within three months prior to the date of opening of tender.

In case, access to lines of credit constitutes the availability of Working Capital, Banker's Certificate (Scheduled Commercial Bank) shall also be submitted regarding availability of access to credit (issued within three months prior to the date of opening of tender) to meet the above eligibility criteria.

In respect of the above eligibility criteria the bidders are required to furnish the following information:

I. For CA Certificate:

- i. Amount of available working capital inclusive of access to lines of credit and availability of other financial resources.
- ii. Date on which the bidder possesses the required working capital.
- iii. Date of issue of Working Capital Certificate by CA.
- iv. Name of the Chartered Accountant (CA).
- v. Membership Number of CA who certifies the bidder's working capital.

- vi. UDIN no. of Working Capital Certificate issued by CA.

In case, access to lines of credit constitutes the availability of Working Capital, the bidders are also required to furnish the following information pertaining to Banker's Certificate (Scheduled Commercial Bank) regarding availability of access to credit (issued within three months prior to the date of opening of tender) .

II. For Banker's Certificate:

- i. Date of issue of certificate by bank.
- ii. Name of bank.
- iii. Address of the bank.
- iv. Value of access to credit issued by bank in the name of the bidder.

Note: The annualised value is to be worked out as under:

$$\begin{aligned} \text{Annualised value} &= \frac{\text{Estimated cost of the work (including GST) put to tender} \times 365 \text{ days}}{\text{Time period up to Project COD (in days)}} \\ &= \text{INR } 4,50,00,00,000 \times 365 / 365 \\ &= \text{INR } 4,50,00,00,000 \end{aligned}$$

B. Permanent Account Number (PAN): The bidder should possess Permanent Account Number (PAN) issued by Income Tax department, Govt. of India.

C. Goods and Services Tax(Not Applicable for Exempted Services)

The bidder should be either GST Registered Bidder under regular scheme

OR

GST Registered Bidder under Composition Scheme

OR

GST unregistered Bidder

Note: If turnover of bidder exceeds exemption/threshold limit, the bidder must have GST Registration as per GST Act and Rules.

9. Submission of Bid:

- a. The bidders will have to accept unconditionally the online user portal agreement which contains the acceptance of all the Terms and Conditions of NIT including General and Special Terms & Conditions, Integrity Pact and other conditions, if any, along with on-line undertaking in support of the authenticity of the declarations regarding the facts, figures, information and documents furnished by the Bidder on-line in order to become an eligible bidder. No conditional bid shall be allowed/accepted.
- b. **Confirmatory Documents:** All the confirmatory documents as enlisted in the NIT in support of online/under annexures information submitted by the bidder are to be uploaded in Cover-I by the bidder while submitting his/her/their bid.

Sl. No.	Eligibility Criteria	Scanned copy of documents to be uploaded by bidder(s) in support of information/declaration furnished online/under annexures by the bidder against Eligibility Criteria (CONFIRMATORY DOCUMENTS)
1	2	3
1.	Availability of Working Capital (Ref. Clause No.8(A) of NIT)	<p>Certificate of possessing adequate Working Capital (with UDIN No.) issued by a Practicing Chartered Accountant having a membership number with Institute of Chartered Accountants of India to meet the eligibility criteria as per details mentioned in clause no. 8(A) and containing the information as furnished by bidder.</p> <p>In case, access to lines of credit constitutes the availability of Working Capital, Banker's Certificate (Scheduled Commercial Bank) shall also be submitted regarding availability of access to credit (issued within three months prior to the date of opening of tender) to meet the eligibility criteria as per details mentioned in clause no. 8(A) and containing the information as furnished by bidder.</p> <p>For foreign Partner(s), Banker's Certificate regarding availability of access to credit (issued within three months prior to the date of opening of tender) duly vetted/endorsed by the relevant Embassy/High Commission concerned, towards authenticity of document to meet the requirement of Working capital as per details mentioned in clause no. 8(A).</p>
2.	Permanent Account Number (Ref. Clause No.8(B) of NIT)	PAN card issued by Income Tax department, Govt. of India
3.	Goods and Services Tax (GST) Status of Bidder (Not Applicable for Exempted Services) (Ref. Clause No.8(C) of NIT and BOQ)	<p>The following documents depending upon the status w.r.to GST as declared by Bidder in the BOQ sheet:</p> <p>a) Status: GST Registered Bidder under regular scheme Document: GST Registration Certificate (i.e. GST identification Number) issued by appropriate authority of India.</p> <p>b) Status: GST Registered Bidder under Composition Scheme Document: GST Registration Certificate (i.e. GST identification Number) issued by appropriate authority of India.</p> <p>c) Status: GST unregistered bidder Document: A Certificate from a practicing Chartered Accountant having membership number with Institute of Chartered Accountants of India certifying that the bidder is GST unregistered bidder in compliance with the relevant GST rules of India.</p> <p>Note: If turnover of bidder exceeds exemption/threshold limit, the bidder must have GST Registration as per GST Act and Rules.</p>
4.	Legal Status of the bidder	<p><u>Document(s) covered under any one of the following sub-head(s):</u></p> <p>1. Affidavit or any other document to prove proprietorship/Individual status of the bidder.</p> <p>2. Partnership deed containing name of partners.</p> <p>3. Memorandum & Article of Association with certificate of incorporation containing name of bidder</p>
5.	Digital Signature Certificate (DSC)	<p>If the bidder himself is the DSC holder bidding on-line then no document is required.</p> <p>However, if the DSC holder is bidding online on behalf of the bidder then the Power of Attorney or any sort of legally acceptable document for the authority to bid on behalf of the bidder.</p>
6.	Undertaking by Bidder/s on his Letter Head regarding genuineness of the information furnished by him on-line and authenticity of the scanned copy of documents uploaded by him on-line in support of his eligibility, and Bid Security Declaration as per the format given in the bid document at Appendix-14.	

7.	Written Consent regarding Arbitration Clause on his/her/their Letter Head as per Appendix-13. <u>Note:</u> <ol style="list-style-type: none"> 1. In case of Proprietorship firm or Limited Company, this document is digitally signed by the DSC holder authorized by the bidder in case of Proprietorship or Director(s)/Managing Director of Limited Company in case of Limited Company. Hence, no physical signature is required. 2. In case of Partnership firm, this document is to be signed by all the Partners of the Partnership Firm. 3. In case of Project Affected Person(s) (PAPs) firms, this document is to be signed by all the partners of the PAPs who have formed Partnership firm and if the PAPs have formed co-operative society, this document is to be signed by any legally acceptable authorized signatory of the co-operative society, approved through the Resolution of the co-operative society. 	
8.	Letter of Bid by Bidder/s on his/her/their Letter Head as per Appendix-1.	
9.	Provision of Public Procurement (Preference to Make in India), Order 2017-Revision dt. 04.06.2020	Declaration in compliance with the provisions of Public Procurement (Preference to Make in India), Order 2017-Revision vide order no. P-45021/2/2017/PP(BE-II) dtd 16.09.2020 of Ministry of Commerce and Industry, Government of India and amendments thereof.
10.	Any other document to support the qualification information as submitted by bidder on-line.	

Note: Only one file in .pdf format can be uploaded against each eligibility criteria. Any additional/ other relevant documents to support the information/declaration furnished by bidder online against eligibility criteria may also be attached by the bidder in the same file to be uploaded against respective eligibility criteria.

c. Letter of Bid (LoB): The format of Letter of Bid (as given in the NIT) will be downloaded by the bidder and will be printed on Bidder's letter head and the scanned copy of the same will be uploaded during bid submission in cover-I. This will be the covering letter of the bidder for his submitted bid. The content of the "Letter of Bid" uploaded by the bidder must be the same as per the format downloaded from website and it should not contain any other information, which contradicts the content and spirit of the original format of LoB.

The Letter of bid will be digitally signed by DSC holder submitting bid online and it does not require any physical signature. However, if the Letter of Bid (LoB) bears the physical signature in addition to the digital signature of DSC holder, it will be accepted without questioning the identity of person signing the Letter of Bid.

If there is any change in the contents of Letter of Bid uploaded by bidder as compared to the format of Letter of Bid uploaded by the department with NIT document, then the LoB shall be requested under the head Confirmatory documents and subsequently accepted or rejected as applicable.

d. Price bid: The Price bid containing the Bill of Quantity will be in Excel format and will be downloaded by the bidder and bidder will quote the rates for all items on this Excel file. **Prior to quoting the rates in the BOQ file, the bidder will select the appropriate status from the following drop down list given in the BOQ:-**

1. GST Registered Bidder under regular scheme
2. GST Registered Bidder under Composition Scheme
3. GST unregistered Bidder

The rates quoted by the bidder will be including the GST as per the BOQ format. This file will be digitally signed and uploaded by the bidder after ascertaining the correctness of facts and figures.

Thereafter, the bidder will upload the same Excel file during bid submission in cover-II. The Price-bid will be in BOQ format and the bidder will have to mandatorily fill all the sections / sheets of the BOQ Excel. The Price Bid of the tenderers will have no condition. The price bid which is incomplete and not submitted as per instruction given in this document is liable for rejection.

Net Electrical Energy Generation Guarantee (NEEGG)

The Bidder shall be required to quote in the BOQ Excel file the year-wise Net Electrical Energy Generation Guarantee (NEEGG) for five (5) years period at the metering point. The Bidder shall give NEEGG per annum after considering proposed configuration and all local conditions, solar insolation, wind speed and direction, air temperature & relative humidity, barometric pressure, rainfall, sunshine duration, grid availability and grid related all other factors and losses due to near shading, incidence angle modifier, irradiance level, temperature loss, array loss, module quality loss, module array mismatch loss, soiling loss and various inverter losses etc. To assess/ verify feasibility of quoted NEEGG, Bidders are required to provide computation documents along with considered factors based on which NEEGG has been computed.

Bidders are expected to undertake their own study of solar profile and other related parameters of the area and make sound commercial judgment about power output i.e. Net Electrical Energy Guaranteed Generation.

The Bids with NEEGG equivalent to less than 28.9% CUF at the Delivery Point for the first year shall be summarily rejected. The degradation in NEEGG quoted for any year shall not be more than 0.5% of the quoted for the previous year. If the Bidder anticipates any degradation of the modules during the first year, it shall be taken care of by the Bidder to provide additional capacity of solar PV modules to meet guaranteed generation at the end of first year to avoid liquidated damages/compensation on account of guaranteed generation. Bids not following these conditions shall be summarily rejected.

System for decision of L1 bidder

The L1 bidder will be decided based on Evaluated Bid Value (EBV). Illustrative computation of EBV is shown in Appendix-5.

10. Bid Submission:

All bids are to be submitted on-line on the website <https://coalindiatenders.nic.in>. No bid shall be accepted off-line unless otherwise specified.

11. System Requirement:

It is the bidder's responsibility to comply with the system requirement i.e. hardware, software and internet connectivity at bidder's premises to access the e-tender website. Under any circumstances, CILL shall not be liable to the bidders for any direct/indirect loss or damages incurred by them arising out of incorrect use of the e-tender system or internet connectivity failures.

12. Opening of Bid: