

Coal India Limited
(A Government of India Enterprise)
CIN: L23109WB1973GOI028844



COAL INDIA LIMITED HEAD OFFICE
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Tender Documents

For

Setting up of 875 MW Solar PV Plant on turnkey basis
along with 02 (Two) years comprehensive operation and maintenance
at RVUNL's 2000 MW Solar Park at Pugal, District- Bikaner of Rajasthan

Tender ID: 2025_CILHQ_340005

INTRODUCTION

- Coal India Limited (CIL) is the state-owned coal mining corporate came into being in November 1975 is at the forefront of the nation's coal production in the Indian energy sector, CIL. CIL alone produces around 83% of country's entire coal output. In a country where 69% of the total electricity generation is coal based, CIL virtually empowers the nation's power sector. Around 80% of CIL's total supplies are catered to power sector.
- CIL is currently developing several Solar, Floating & Hybrid innovative Renewable Energy Projects. In the years to come CIL has a major role to play in the Renewable Energy sector's development. The company has an aim to develop a total cumulative capacity of 5 GW of Renewable Energy by the year 2028-29.
- The capacity of 5 GW RE projects shall be developed in the available land of CIL's Subsidiaries as well as in the states with Solar Potential.
- Rajasthan Rajya Vidyut Utpadan Nigam Limited (RVUNL) is a state-owned power generation company in Rajasthan.
- Rajasthan has been entrusted with the job of development of power projects under the state sector, in the state along with operation and maintenance of state-owned stations.
- RVUNL is engaged in the business of thermal and hydel power generation and is exploring various opportunities for securing power to meet the growing energy demands of the state of Rajasthan.
- To accelerate renewable energy development, CIL and RVUNL have signed a Joint Venture Agreement (JVA) to set up Renewable energy Projects, including solar, wind, and pumped storage plants (PSP). Subsequently joint venture company of Coal India Limited and Rajasthan Rajya Vidyut Utpadan Nigam Limited (RVUNL) in the name and style of CIL Rajasthan Akshay Urja Limited has been incorporated on 09.06.2025
- RVUNL is developing a 2000 MW capacity Solar Park in Pugal Tehsil of Bikaner District, Rajasthan, where a 875 MW Solar Power Project is proposed to be set up through this JVC.

CONTENT

INTRODUCTION	2
CONTENT	3
SECTION – I: NOTICE INVITING TENDER (NIT)	7
1. E-TENDER NOTICE	8
2. Time Schedule of Tender	11
3. EARNEST MONEY DEPOSIT (EMD) / Bid security	12
4. Pre-bid Meeting	13
5. Clarification of Bid	13
6. User Portal Agreement	13
7. Eligible Bidders	14
8. Eligibility Criteria:	16
A. Work Experience:	16
B. Financial Eligibility Criteria	19
i. Financial Turnover –	19
ii. NET WORTH:	20
C. Permanent Account Number (PAN)	21
D. Goods and Services Tax (Not Applicable for Exempted Services)	21
E. Legal Status of the Bidder:	22
F. Digital Signature Certificate (DSC):	23
9. General Instruction for Submission of Bid:	24
10. Net Electrical Energy Generation Guarantee (NEEGG)	30
11. System for decision of L1 bidder	31
12. Bid Submission	31
13. System Requirement:	31
14. Bid opening	31
15. Confidentiality	32
16. Contacting the Employer/ Owner	32
17. Examination of Bids and Determination of Responsiveness	32
18. Evaluation and Comparison of Bids	33
19. Purchase Preference under ‘Make in India’ Policy for “Local supplier”.	34

20.	Verification of Local Content	36
21.	Auto Extension of Critical Date.....	37
22.	One Bid per Bidder	37
23.	Refund of EMD.....	38
24.	Site Visit.....	38
25.	Taxes and Duties.....	39
26.	Cost of Bidding	41
27.	Technical Specifications	41
28.	Currencies of Bid and Payment	41
29.	Handing Over of Site	41
30.	Deployment of Manpower and Machineries.....	41
31.	Change in Constitution of the Contracting Agency	42
32.	Canvassing in Tender.....	42
33.	Notification of award and Signing of Agreement:.....	42
34.	Bid Validity.....	43
35.	Modification and Withdrawal of Bid	43
36.	Postponement of scheduled date(s).....	44
37.	Contract Agreement Document(s)	44
38.	Sub-letting of Work	44
39.	Prohibition of Child Labour engagement	45
40.	Implementation of CMPF/EPF	45
41.	Splitting up of the work	45
42.	Settlement of Disputes	45
43.	Restrictions on Procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries.	45
44.	Integrity Pact (applicable for above 2 crore).	47
45.	Insurance:	48
46.	Various Types of Insurance to be taken by Contractor during Construction & O&M period:	49
47.	Mobilization Advance (Optional):.....	54
	SECTION -II: GENERAL TERMS AND CONDITIONS OF CONTRACT	56
1.0	DEFINITIONS:	57
2.0	CONTRACT DOCUMENTS:	61

3.0	DISCREPANCIES AND ADJUSTMENTS THEREOF:	63
4.0	Performance Guarantee/security Deposit:	64
5.0	DEVIATIONS/ VARIATIONS IN QUANTITIES:	69
6.0	LIQUIDATED DAMAGES FOR DELAY IN COMPLETION	71
7.0	QUALITY ASSURANCE:	72
8.0	MEASUREMENT AND PAYMENT:	72
9.0	TERMINATION, SUSPENSION, CANCELLATION & FORECLOSURE OF CONTRACT:	74
10.0	CONTRACT PRICE	78
11.0	CHANGED QUANTITY	78
12.0	DEDUCTIONS FROM CONTRACT PRICE	78
13.0	PACKING, FORWARDING AND SHIPMENT	79
14.0	DEMURRAGE, WHARFAGE, ETC.	79
15.0	LIABILITY FOR ACCIDENTS AND DAMAGES	79
16.0	FORCE MAJEURE	80
17.0	EXTENSION OF DATE OF COMPLETION	80
18.0	PAYMENT	87
19.0	SETTLEMENT OF DISPUTES WITH THE CONTRACTOR	88
20.0	A Settlement of Disputes through Arbitration	89
21.0	LIMITATIONS OF LIABILITIES:	91
	SECTION – III: SPECIAL CONDITIONS OF CONTRACT (SCC)	93
	SECTION – IV: FORMAT OF FORMS AND ANNEXURES	112
	Annexure-I: FORMAT FOR LETTER OF BID	113
	Annexure-II PROFORMA FOR UNDERTAKING	115
	Annexure-III: MANDATE FORM FOR ELECTRONIC FUND TRANSFER / INTERNET BANKING PAYMENT	117
	Annexure- IV: PROFORMA FOR CIPP	119
	Annexure- V: PROFORMA OF BANK GURANTEE FOR CONTRACT PERFORMANCE SECURITY	124
	Annexure- VI : PROFORMA OF BANK GUARANTEE FOR MOBILISATION/LUMP -SUM ADVANCE	129
	Annexure-VII : PROFORMA OF JOINT VENTURE AGREEMENT	131
	Annexure-VIII: PRE-CONTRACT INTEGRITY PACT	137

Annexure-IX: PROFORMA FOR EXECUTION OF AGREEMENT	146
Annexure-X: PROFORMA FOR UNDERTAKING.....	149
ANNEXURE – X A.....	152
Annexure-XI: ILLUSTRATIVE COMPUTATION OF EVALUATED BID VALUE (EBV) .	154
Annexure-XII: FORMAT FOR DETAILED PROJECT SCHEDULE.....	157
Annexure-XIII: NO CLAIM CERTIFICATE	158
Annexure-XIV : PROFORMA FOR BANK GUARANTEE AGAINST RELEASE OF RETENTION MONEY DEDUCTED FROM RUNNING ON ACCOUNT BILLS.....	159
Annexure-XV: FORMAT FOR PRE-BID QUERIES.....	165
Annexure-XVI: GUIDELINES ON DEBARMENT OF FIRMS FROM BIDDING	166
Annexure-XVII(a): Details of Applicant’s experience for Route-I.....	169
Annexure-XVII(b): Details of Applicant’s experience for Route-II	171
SECTION – V: SAFETY CODE.....	173

SECTION – I: NOTICE INVITING TENDER (NIT)

कोल इंडिया लिमिटेड (भारत सरकार का उपक्रम) सौर विभाग परिसर सं.-04 एम.ए.आर., प्लॉट नं.-ए.एफ.-III, एक्शन एरिया- 1A, न्यू टाउन, राजरहाट, कोलकाता-700156 फोन: 033 23244024, फैक्स: 033 23244082 वेबसाइट: www.coalindia.in			Coal India Limited (A Government of India Enterprise) Solar Division Premises No. 04 MAR, Plot No. AF-III, Action Area 1A, New Town, Rajarhat, Kolkata-700156 Phone: 033 23244024, Fax: 033 23244082 Website: www.coalindia.in
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Ref. No.: CIL/HQ/SOLAR/Raj/875/2025/11

Dated:21.07.2025

1. E-TENDER NOTICE

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:

A	Scope of Work	<p>Design & engineering, procurement & supply of equipment and materials (including PV modules), testing at manufacturers works, multi – level inspections, packing and forwarding, supply, receipt, unloading and storage at site, associated civil works, services, permits, licenses, installation and incidentals, insurance at all stages (Including Insurance of PV Modules), erection, testing and commissioning of 875 MW (AC) Grid connected ground mounted Solar PV Power Plant along with DC Overloading and performance demonstration with associated equipment and materials on turnkey basis at RVUNL's 2000 MW Solar Park in Pugal, Bikaner District, Rajasthan, along with 2 (Two) years comprehensive operation and maintenance from the date of commissioning or Operational Acceptance, whichever is later.</p> <p>Design, Procurement & Supply, and erection of the following, in all respect:</p>
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		<ul style="list-style-type: none"> i. Supply, Packing and Forwarding, Transportation of PV Modules up to Project site including Transit insurance of crystalline Solar PV Modules with nominal wattage and dimensions as mentioned in scope of supply for 1500V System Voltage including DC overloading and mandatory spares. ii. The Total capacity of PV modules to be procured under this tender, excluding mandatory spares is 1182 MWp (minimum). iii. Module mounting structures and fasteners. Installation, Erection, Testing and Commissioning of Modules along with demonstration of the performance parameters. iv. All power conditioning systems including junction boxes, Inverters/ PCU, DC and AC circuit breaker(s). v. All associated electrical works and equipment required for interfacing line/ cable (i.e., transformer(s) – power and auxiliary, breakers, isolators, lightning arrestor(s), LT/other panels, protection system, cables, metering etc., but not limited to) as per technical specifications. vi. Design, supply, erection, testing & commissioning defined in scope of work/ TS as per project requirement and associated switchgear equipment and metering equipment as per technical specification and state regulations. vii. All associated civil works, including design and Engineering, for: Earthwork for Site grading, cutting, filling, levelling & compacting, internal Roads, Storm water drainage in the requisite project land as required for development of this Solar PV Power Plant viii. Construction of Passage for Cleaning of Solar PV Project ix. Construction of rainwater drainage, if required x. Setting up of a comprehensive Fire Protection system as per the Hazardous area classification for the site xi. Supply of mandatory spares & special tools and tackles xii. Demonstration of performance of the plant as per the requirement specified in the bidding documents.
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		<p>xiii. Comprehensive operation & maintenance of the ground mounted SPV plant for 2 (Two) years as mentioned in detailed scope of work from the date of commissioning or Operational Acceptance, whichever is later, as detailed in technical specification, including supply and storage of all spare parts, consumables, repairs/ replacement of any defective equipment etc.</p> <p>xiv. Obtaining all associated statutory and regulatory compliances and approvals for successful construction, commissioning and operation of plant.</p>
B	Capacity Utilization Factor (CUF) or Minimum Net Electrical Energy Generation Guarantee (Minimum NEEGG)	<p>Minimum CUF= 25% at delivery point $CUF = \text{plant output in kWh} / (\text{installed plant capacity in kW} * 365 \times 24)$ Minimum NEEGG = 1,916,250,000 Units (for 1st year)</p>
C	Tender ID. and date	As per Portal
D	Source of Fund	Owner as defined in the Bid Data Sheets (BDS) intends to finance the package through domestic funding and own resources
E	Type of Tender	"Single Stage Two Part "online Bidding system.
F	Bidders Eligibility Criteria	It's a "Domestic Competitive Bidding" and hence this bid is open only for bidders registered within the Owner's country.
G	Scheduled Completion/ Contract Period	<p>1. Commissioning period of 24 month from the date of commencement of work.</p> <p>2. SCOD will stand auto extended up to 06 month or actual COD of Associated Transmission System of RVPN whichever is earlier. However, if there is any further delay in commissioning of transmission line, the SCOD will stand auto extended up to 30 days from such commissioning and no LD will be deducted,</p> <p>3. Date of commencement shall be reckoned from the expiry of 30 days from the issue of Letter of Acceptance/ 07 days from Site Handover for the first activity as per PERT network chart whichever is later. and</p> <p>4. The O&M Contract Period is for 02 years from the Commercial Operation Date (COD) of the project.</p>

H	Cost of Bidding Document	Free of Cost
I	Tender Processing Fee	Free of Cost
J	Earnest Money Deposit (EMD)	Rs.50 Lakhs.
K	Contract Performance Security	Applicable as per NIT

Tender inviting authority (on behalf of CIL-RVUNL JV)	Contact Person(s)/Tender Officer(s)	Dealing
Anil Kumar GM (MM)/Solar Solar Dept. Coal India Limited hodsolar.cil@coalindia.in Contact No.: 033 23244342	1. Jitendra Kr. Singh , Sr. Manager (E&M) Solar Dept. singh.jitendra@coalindia.in Contact No.: 033 23244342 2. Rajnesh Meena Deputy Manager (E&M) Solar Dept. rajnish.meena@coalindia.in Contact No.: 033 23244201	
For any Portal related queries please call at 24 x 7 Help Desk Number- 0120-4001 002, 0120-4001 005, 0120-4493 395 Email: support-eproc@nic.com		

2. Time Schedule of Tender

1	Date of issuance of Tender	As per Portal
2	Last Date and Time for submission of pre-bid clarifications	
3	Date and Time of pre- bid meeting	
4	Last Date and Time for downloading the NIT	
5	Start Date and Time for Online Tender submission	
6	Last Date and Time for Online Tender submission	
7	Date and Time of Technical Bid opening (Cover-I)	
8	Date and time of Opening of Financial Bid (Cover-II)	

Note:

- a. The auto extension of submission of bid shall be applicable as per details mentioned in clause no.21 of NIT.
- b. In case there is any change in date and time of price opening, the same shall be communicated to the technically acceptable bidders through portal.

3. EARNEST MONEY DEPOSIT (EMD) / Bid security

- 3.1 The Bidder shall furnish, as part of his bid, a Bid Security/Earnest Money of the amount as shown in e-tender notice and in the form as deliberated below:

The Bidder will have to make the payment of EMD through ONLINE mode only. No Offline mode of Payment of EMD/Bid security shall be applicable and acceptable.

In online mode the Bidder can make payment of EMD either through net banking from designated Banks/s or through NEFT/RTGS from any scheduled Bank.

Net banking: In case of payment through net-banking the money will be transferred to CIL/ Subsidiary designated Account.

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

Bidder will be allowed by the system to submit the bid only when the EMD is successfully received in CIL/Subsidiary designated account and the information flows from Bank's Server to e-Procurement portal.

The Earnest Money/ bid security for the unsuccessful Bidder shall be refundable as promptly as possible. The EMD shall bear no interest.

No Bid will be accepted unless accompanied by requisite Bid Security/ Earnest Money Deposit as stated above.

- 3.2 Any Bid not accompanied by an acceptable Bid Security/EMD shall be rejected by the employer as non-responsive unless otherwise exempted in the Bid document.
- 3.3 The EMD of rejected Bidders will be refunded at any stage directly to the account from where it had been received (except the cases where EMD is to be forfeited).
- 3.4 The Bid Security / EMD of successful Bidder may be retained and adjusted with Performance Security / Security Deposit at Bidder's option.
- 3.5 The Bid Security/Earnest Money may be forfeited:

- a) if the Bidder withdraws the Bid after the end date of Bid submission during the period of Bid validity / extended validity with mutual consent; or
- b) in the case of a successful Bidder, if the Bidder fails within the specified time limit to furnish the required Performance Security Deposit;

Additionally, the Company shall debar such defaulting Contractor from participating in future bids for a minimum period of 12(twelve) months.

However, debarment shall be done as per Guidelines for Debarment of firms from Bidding.

3.6 The Bid Security/ EMD deposited with the Employer will not carry any interest.

3.7 No claim from the Bidders will be entertained for non-receipt of the refund in any account other than the one from where the money is received.

3.8 If the refund of EMD is not received by the Bidder in the account from which the EMD has been made due to any technical reason, then it will be paid through conventional system of e-payment. For this purpose, Bidder should submit e-Mandate form as per Annexure during bid submission.

3.9 In case the tender is cancelled then EMD of all the participating Bidders will be refunded unless it is forfeited by the Department.

If the Bidder withdraws the bid online (i.e. before the end date of submission of tender) then the EMD will be refunded automatically after the opening of tender.

4. Pre-bid Meeting

The pre-bid meeting will be held in hybrid mode (physical as well as through VC) 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. 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