

CIL Navikarniya Urja Limited
(A Subsidiary Company of Coal India Limited)

Tender Document

For

**Design, Engineering, Procurement & Supply, Construction & Erection, Testing, Commissioning,
Associated Transmission System and Comprehensive O&M for 5 Years of 15 MW (AC) Solar PV
Power Plant at**

**Jamunia, PENCH area, WCL
Madhya Pradesh, India.**

(Through e-Tender mode)



CIL Navi Karniya Urja Limited

7th Floor, Coal Bhawan, Premises

No-4 MAR Action Area – 1A,

New Town, Rajarhat,

Kolkata (WB) – 700156

Email: ceo.cnul@coalindia.in

About the Company

CIL Navikarniya Urja Limited (CNUL), a wholly owned subsidiary company of Coal India Limited was incorporated on 16th of April, 2021 to venture into new business area of New and Renewable Energy (Non-Conventional) segment including Solar, Wind, Small Hydro, Biomass, Geo-Thermal, Hydrogen, Tidal, etc., along with other prevalent technologies/emerging technologies for development of non-conventional/clean & renewal energy Business.

Parent company 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 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 Navikarniya Urja Limited (CNUL) intends for Development of **15 MW (AC)** Grid Connected Solar PV Project for **Western Coalfields Limited (WCL)** at **Jamunia, Pench Area, WCL, Madhya Pradesh, India**. The generated solar power from the proposed solar project will be utilized by the client/Subsidiary for captive consumption and the surplus power may be fed to the grid. CNUL endeavors to reduce energy charge of the Subsidiary by installing the proposed solar project.

About the Project

- The envisaged 25 MW (AC)/ 19.5 MW (DC) solar Power plant will be established through EPC contractor at **Jamunia, Pench Area, WCL, Madhya Pradesh, India.**
- Power generated from the proposed Solar PV power plant is to be evacuated from MPPKVVCL 33/11 kV Tendukheda substation (8 MVA & 5 MVA transformer) through 33 kV single circuit transmission line. The approximate transmission line length is 16 km. Right of Way for 33 kV transmission line is in the scope of the plant EPC contractor's scope. Although no spare bay is available at the substation, land is available for bay extension. Connectivity approval shall be obtained from MPPKVVCL for connecting 15 MW (AC) Solar PV power plant at 33 kV level of Tendukheda 33/11 kV substation by the EPC contractor. WCL shall sign Long Term Open Access (LTOA) agreement with MPPKVVCL and MPMKVVCL for consuming the power at its load points.
- All approvals, permits and clearances required for setting up of the Project (including transmission infrastructure, connectivity and addition of bays including all accessories and land registration if required) 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 shall entirely be of the Successful Bidder.
- CNUL (on behalf of WCL) now issues this Tender for selection of EPC-cum-O&M contractor for the entire EPC work for the Project as well as O&M of the Project for 5 years after the project Commissioning date (COD) (to be executed through **WCL** after awarding work by **WCL**. CNUL will be responsible up to the award of the work to the selected EPC Contractor. Post-award activities, such as signing of contract agreement, contract execution, payment and other activities will be under **WCL's** scope.

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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)
Design, Engineering, Procurement & Supply, Construction & Erection, Testing, Commissioning, Associated Transmission System and Comprehensive O&M for 5 Years of 25 MW (AC) Solar PV Power Plant at Jamunia, Pench, WCL, Madhya Pradesh, India.	Rs. 88,19,00,000.00/- (INR 88.19 Cr) (inclusive of Supply cost, Work Cost and NPV of O&M cost for 5 years)	Rs. 50,00,000/- (INR 50 Lakh)	Total contract period: 2095 Days a) From date of commencement to COD: 09 Months (i.e. 270 days) b) Operation and Maintenance of Project: 1825 Days (i.e. 5 years) from COD

Guaranteed Energy and CUF Requirement:

Sl No.	Parameter	Value
1.	Net Electrical Energy Guaranteed Generation (NEEGG)	31.98 MU for first year with allowable degradation of 0.7% in subsequent year's w.r.t. immediate last year.
2.	Capacity Utilization Factor (CUF)	24.34 % for first year with allowable degradation of 0.7% in subsequent year w.r.t. immediate last year.

Tender inviting authority	Contact Person(s)/Tender Dealing Officer(s)
C S Singh, CEO-CNUL, Tel: +91-9051617100 Email: ceo.cnul@coalindia.in	Manoj Kumar Ade Chief Manager(E&M), WCL Tel: +91-7757046503 Email: manojkumarade@coalindia.in

Tender inviting authority	Contact Person(s)/Tender Dealing Officer(s)
	Jitendra Singh Manager (E&M), Solar Cell Tel: +91-9955991706 Email: singh.jitendra@coalindia.in
	Abhinav Kumar Dy. Manager (E&M), Solar Cell Tel: +91-9433031045 Email: abhinavk.cil@coalindia.in
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:**

Sl. No	Particulars	Date	Time
a.	Tender e-Publication date	07.06.2022	17:00 hrs
b.	Document download start date	07.06.2022	17:00 hrs
c.	Document download end date	17.06.2022	17:00 hrs
d.	Bid Submission start date	07.06.2022	17:00 hrs
e.	Bid submission end date	17.06.2022	17:00 hrs
f.	Start date for seeking Clarification on-line	08.06.2022	17:00 hrs
g.	Last date for seeking Clarification on-line	11.06.2022	17:00 hrs
h.	Pre Bid meeting date	10.06.2022	11:00 hrs
i.	Technical Bid (Cover I) opening date	20.06.2022	11:00 hrs

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

3. **Earnest Money Deposit:**

The bidder will have to make the payment of EMD through ONLINE mode only.

- 3.1** 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(s).

NET-BANKING: In case of payment through net-banking the money will be immediately transferred to CIL/ Subsidiary's designated Account.

NEFT/RTGS: In case of payment through NEFT/RTGS from any scheduled bank(s), the bidder will have to make payment as per the Challan(s) generated by system on e-Procurement portal. The payment of EMD through NEFT/RTGS mode should be made