

**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 25 MW (AC) Solar PV  
Power Plant at

**Bhojudih Coal Washery, BCCL**  
**Purulia District, West Bengal, India.**

(Through e-Tender mode)



CIL Navi Karniya Urja Limited  
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New Town, Rajarhat,  
Kolkata (WB) – 700156  
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## 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 **25 MW (AC)** Grid Connected Solar PV Project for **Bharat Coking Coal Limited (BCCL)** at **Bhojudih Coal Washery, BCCL, Purulia District, West Bengal, 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)/ 37.5 MW (DC) solar Power plant will be established through EPC contractor at **Bhojudih Coal Washery, BCCL, Purulia District, West Bengal, India.**
- The produced energy will be utilized for captive consumption **of the different Consumer Points located at Jharkhand State. The total 25MW may be connected to DVC owned 132/33 KV substation at Patherdih, Chasnalla, Jharkhand which is around 15 Km from the proposed project site. M/s DVC has already given consent for connectivity in this regard.**
- 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 BCCL) 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 **BCCL** after awarding work by **BCCL**. 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 **BCCL's** scope.

## CONTENTS

<b>SECTION</b>	<b>TITLE</b>	<b>FROM</b>	<b>TO</b>
1	e-TENDER NOTICE	5	22
2	GENERAL TERMS AND CONDITIONS OF CONTRACT	23	56
3	ADDITIONAL TERMS AND CONDITIONS OF CONTRACT	57	57
4	GENERAL TECHNICAL CONDITIONS	58	71
5	ERECTION CONDITIONS OF CONTRACT	72	93
6	SPECIAL CONDITIONS OF CONTRACT	94	125
7	SAFETY CODE	126	131
8	BID SUBMISSION CHECKLIST	132	132
APPENDIX 1	FORMAT OF LETTER OF BID	133	134
APPENDIX 2	DETAILS OF SITE	135	135
APPENDIX 3	FORMAT FOR BANK GUARANTEE	136	139
APPENDIX 4	PRE-CONTRACT INTEGRITY PACT	140	147
APPENDIX 5	ILLUSTRATIVE COMPUTATION OF EVALUATED BID VALUE (EBV)	148	150
APPENDIX 6	FORMAT FOR PRE-BID QUERIES	151	151
APPENDIX 7	MANDATE FORM FOR EFT	152	153
APPENDIX 8	FORMAT FOR POWER OF ATTORNEY	154	155
APPENDIX 9	PROFORMA FOR EXECUTION OF AGREEMENT	156	157
APPENDIX 10	PROFORMA OF MEMORANDUM	158	158
APPENDIX 11	TECHNICAL SPECIFICATIONS	159	159
APPENDIX 12	BID SECURING DECLARATION	160	160
APPENDIX 13	PROFORMA FOR WRITTEN CONSENT FOR ARBITRATION CLAUSE	161	163
APPENDIX 14	PROFORMA FOR UNDERTAKING	164	165
APPENDIX 15	FORMAT FOR DETAILED PROJECT SCHEDULE	166	166
APPENDIX 16	VALID DIGITAL SIGNATURE CERTIFICATE	167	167
APPENDIX 17	GUIDELINES FOR BANNING OF BUSINESS	168	169
APPENDIX 18	NO DEMAND CERTIFICATE	170	170
APPENDIX 19	PROFORMA OF BANK GUARANTEE FOR MOBILISATION	171	171

**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 <b>25 MW (AC) Solar PV Power Plant at Bhojudih Coal Washery, BCCL, Purulia District, West Bengal, India.</b>	<b>Rs. 141,91,00,000.00</b>  (inclusive of Supply cost, Work Cost and NPV of O&M cost for 5 years)	<b>Rs. 50,00,000</b>	<b>Total contract period: 2190 Days</b>  <b>a) From date of commencement to COD: 12 Months (i.e. 365 days)</b>  <b>b) Operation and Maintenance of Project: 1825 Days (i.e. 5 years) from COD</b>

**Guaranteed Energy and CUF Requirement:**

Sl No.	Parameter	Value
1.	Net Electrical Energy Guaranteed Generation (NEEGG)	50.78 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)	23.18% for first year with allowable degradation of 0.7% in subsequent year w.r.t. immediate last year.

Tender inviting authority	Contact Person(s)
<b>C S Singh, CEO-CNUL,</b> Tel: +91-9051617100 Email: <a href="mailto:ceo.cnul@coalindia.in">ceo.cnul@coalindia.in</a>	<b>B.K. Panda</b> <b>GM(E&amp;M)</b> Tel: +91-8249931609 <a href="mailto:Bkpanda.cil@coalindia.in">Bkpanda.cil@coalindia.in</a>  <b>Jitendra Singh</b> <b>Manager (E&amp;M), Solar Cell</b> Tel: +91-9955991706 Email: <a href="mailto:singh.jitendra@coalindia.in">singh.jitendra@coalindia.in</a>

Tender inviting authority	Contact Person(s)
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	23.05.2022	11:00 hrs
b.	Document download start date	23.05.2022	11:00 hrs
c.	Document download end date	02.06.2022	17:00 hrs
d.	Bid Submission start date	24.05.2022	11:00 hrs
e.	Bid submission end date	02.06.2022	17:00 hrs
f.	Start date for seeking Clarification on-line	23.05.2022	11:00 hrs
g.	Last date for seeking Clarification on-line	26.05.2022	17:00 hrs
i.	Bid opening date	03.06.2022	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 well ahead of time to ensure that the EMD amount is transferred to CIL/ Subsidiary account before submission of bid.

**NOTE 1:** After successful payment of EMD either through Net Banking or NEFT/RTGS, bidder is advised to log on to <https://coalindiatenders.nic.in> and click