

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

Tender

DocumentFor

**Design, Engineering, Procurement & Supply, Construction & Erection, Testing,
Commissioning, Associated Transmission System and Comprehensive O&M for 5 Years of
20MW (AC) Solar PV Power Plant at**

Dugdha Washery Area, BCCL

Dhanbad, Jharkhand, India.

**(Only through limited e-Tender mode for the CIL Empaneled EPC Contractors for Solar
Projects)**



CIL Navi Karniya Urja
Limited 7th Floor, Coal Bhawan,
Premises

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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.

Bharat Coking Coal Limited (BCCL) is the wholly owned subsidiary Company of CIL. BCCL intends for Development of **20 MW (AC)** Grid Connected SolarPV Project at one location of Dugdha Washery area, BCCL, Dhanbad, India. CNUL has been awarded the job of providing PMC service for developing the 20 MW project through engagement of EPC Contractor.

The generated solar power from the proposed solar project will be utilized by BCCL for captive consumption. CNUL endeavors to reduce energy charge of the Subsidiary by installing the proposed solar project.

About the Project

The envisaged 20 MW (AC)/ 28 MW(DC) Solar Power plant will be established through EPC contractor at one location of Dugdha Washery area, BCCL, Dhanbad, India.

- BCCL has planned to evacuate the Power generated from the Solar Plant at Dugdha to the nearest DVC Sub-station, namely: Chandrapura Super Thermal Power Station (CSTPS) – which is at a distance of 6 km from the project site at 33 kV. BCCL will obtain necessary permission/ approval from DVC for evacuation arrangement.
- Installation, Testing and Commissioning of the 20 MW (AC)/ 28 MWp(DC) Solar Plant along with Transmission line / cable from plant take off point to the interconnecting substations and bay(s) at substations shall be **in the scope of EPC Contractor**. The EPC Contractor will also maintain the OHTLs during O&M period of 5 years at the cost of EPC Contractor. Safety, security, maintenance and operation of the said transmission line upto 5 years O&M period will be the sole responsibility of the EPC Contractor.
- Any other statutory approval, if required to be taken during execution of the project, will be taken by the EPC Contractor at it's own cost. BCCL and CNUL shall extend required help to the EPC Contractor for obtaining such statutory approval.
- 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 for providing award recommendation 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. CNUL will provide PMC service during commissioning period as per the agreement between BCCL and CNUL.