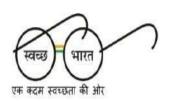
SECTION- I

e-TENDER NOTICE





सेंट्रलकोलफील्ड्सलिमिटेड (कोलइंडियाकीअनुषंगीइकाई) दरभंगाहाउसरांची- 834 029

CENTRAL COALFIELDS LIMITED (A Subsidiary of Coal India Limited)

E&M DEPARTMENT

DARBHANGA HOUSE, RANCHI 834 029

दूरभाष/Phone : 0651-2360788/2365500

वेबसाइट/Website : www.centralcoalfields.in

Dated: 15.06.2022

Email Id- gmenm.ccl@coalindia.in

NIT No.: GM(E&M)/e-tender/20MW Solar/22/3505

e-TENDER NOTICE

1. Digitally signed and encrypted e-Tenders are invited under Two Part system on the website https://coalindiatenders.nic.in from the reputed and experienced contractors for the following work:

| Description of work | Location | Estimated Value (₹) | Earnest Money (₹) | Period of Completion (In Days) |
|---------------------|-----------|---------------------|-------------------------|-----------------------------------|
| DEVELOPMENT | CHP/CPP | 138.35 Crores | | Total contract period: |
| OF 20 MW | PIPARWAR, | (Including GST | 50,00,000.00 | 2095 days (270 days + |
| SOLAR PV | JHARKHAND | and O&M cost for | | 1825 days) |
| PROJECT AT | | 5 Year) for 46.75 | | |
| CENTRAL | | MU | | a) Construction of plant |
| COALFIELDS | | Maximum | | including successfully |
| LIMITED (CCL) | | generation | | trial run, :270 days |
| CHP/CPP | | | | |
| PIPARWAR, | | | | (b) Operation & |
| JHARKHAND | | | | Maintenance of Plant: |
| | | | | 1825 days |

Note: The bid documents will be available on the website https://www.coalindiatenders.nic.in_ & www.centralcoalfields.in_ and can be downloaded by the bidder up to the bid submission end date. The details of the tender will be mirrored on the Central Public Procurement Portal (CPP) of Govt. of India (https://eprocure.gov.in). There is no Application Fee.

2.0 BRIEF SCOPE OF WORK

Design, Engineering, Manufacturing, Supply, Packing and Forwarding, Transportation, Unloading, Storage, Installation and Commissioning of grid connected 20MW Ground Mounted Solar PV Project at CCL CHP/CPP Piparwar, Jharkhand.

The broad scope of work under this package shall include Civil Structural and architectural works related to but not limited to the following areas, System, Structures / Substructures, Buildings and Facilities:

- i. Design, engineering, manufacturing, supply, packing and forwarding, transportation, unloading storage, installation, testing and commissioning of Solar Photo Voltaic Plant based on Open category PV modules and cells.
- ii. Site levelling & Grading and clearing/removal of vegetation.
- iii. Providing power supply and water supply for construction purposes.
- iv. Construction of Central Monitoring and Control Station (CMCS) with switchgear room, with all electrical fitting and furniture, security cabin etc.
- v. Construction of Inverter room/Pre Engineered Building (PEB) as per bidder's proposal.
- vi. SCADA system for remote monitoring and including control of Inverters with all hardware & software.
- vii. Design, construction and fabrication of Module Mounting Structures and its Foundations.
- viii. Design and construction of Internal Roads and Pathways as per Bidder's proposed General Layout.
- ix. Design and construction of Drainage system as per General Layout and Topography.
- x. Construction of Prestressed precast Boundary wall and Main gate as per approved design.
- xi. Design and construction of a Module Washing System. Water supply arrangement for washing including supply and installation of Module Washing System.
- xii. Construction of Store Room.
- xiii. Design and construction of Sewerage System for any facility/ Room /building.
- xiv. Cable laying works
- xv. All associated electrical and civil works required for interfacing with grid (i.e. breakers, isolators, panels, protection system, cables/ overhead line).
- xvi. Construction of Overhead 33kV double circuit line and integration with CCL existing outdoor 33kV Central Switching Station (CSS), Piparwar Area including construction of two numbers of new 33kV Bay at CSS with all required control and protection system.