



**THE SINGARENI COLLIERIES COMPANY LIMITED
(A GOVERNMENT COMPANY)**

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e -TENDER NOTICE (NIT)

FOR

**Design, Engineering, Supply, Construction,
Erection, Testing & Commissioning of
cumulative capacity of 30 MW (AC) ground
based Solar PV Power Plants at 03
different sites along with 10 years Plant
O&M,
as detailed in the NIT.**

ENQUIRY NO: E0123O0187 Dt.03.09.2023

EMD AMOUNT: Rs.1.00 Crore.

Tender for Design, Engineering, Supply, Construction, Erection, Erection, Testing & Commissioning of cumulative capacity of 30 MW (AC) ground based Solar PV Power Plants along with 10 years Plant O&M at different sites.



**THE SINGARENI COLLIERIES COMPANY LIMITED
(A GOVERNMENT COMPANY)**

CORPORATE MATERIAL PROCUREMENT DEPARTMENT
KOTHAGUDEM COLLIERIES P.O - 507101
DIST: BHADRADRI KOTHAGUDEM - TELANGANA (STATE)
CIN:U10102TG1920SGC000571
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NOTICE INVITING TENDERS (NIT)

Sub: Design, Engineering, Supply, Construction, Erection, Testing & Commissioning of cumulative **30 MW (AC)** ground based Solar PV Power Plants along with 10 years Plant O&M at three (03) sites at SCCL

Enquiry Number	E012300187 Dt:03.09.2023.
Tender ID	455820
Tender Category	Products / Services
Order Type	Rate Contract / Firm Order
Mode of Tendering	e-Tendering /Tender-Cum-Reverse Auction (Critical/ Non-Critical)
Number of Sources	Single source
Mode of enquiry	Open
Tender Stages	Single stage, Two cover (Techno-commercial & price bids), Tender wise
Input Tax Credit	Applicable
Evaluation Type	Item wise / Item rate (Schedule /Tender wise)
Currency Type	INR /Multi-currency
Applicability of EMD	Not applicable / Applicable (4% / fixed amount / partial amount /schedule wise amount)
Tender Due dates	As specified in the TS-Portal against above tender ID.

1. Tenders are invited for Design, Engineering, Supply, Construction, Erection, Testing & Commissioning of cumulative 30 MW (AC) capacity ground based Solar PV Power Plants along with 10 years Plant O&M at different sites at SCCL. Technical specifications (Section-VI) are attached as Annexure.
2. Bidder shall submit an EMD of INR. 1,00,00,000/- (Indian Rupees One crore only) through online utilizing the "Payment Gateway Service on e-Procurement platform". (For other details PI. refer EMD clause). Alternately, Bidders can also submit Bid Security / EMD in the form of a Bank Guarantee for an amount of **INR 1,00,00,000/- (Indian Rupees One Crore only)** as per provisions specified in Bidding documents.
3. **Pre-Bid meeting:** A pre-bid meeting will be held at Singareni Bhavan, Hyderabad as per the date mentioned in the e-portal. The bidders' authorized representatives are invited to attend the pre-bid Conference. Bidders may participate in virtual mode also. The prospective bidders may send their request to join the pre-bid meeting. Non-attendance at the pre-bid meeting will not be a cause of disqualification.

SCCL Helpdesk Numbers for Bid Submission: Numbers: 08744 - 235558/235559/ 235553

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Formalities for participating in the Tender through E-Procurement.

- a) M/s The Singareni Collieries Company Limited is publishing tenders through TS e-Procurement Portal i.e. <https://tender.telangana.gov.in>.
- b) To participate in the e Procurement tender(s), Bidders have to complete the two formalities independent of each other.
 - Obtaining Digital Signature Certificate (DSC): To participate in SCCL Tenders DSC with Dual Pair (Signing and Encryption) is required.
 - Those interested in participating in the tender shall register/create an account in the web site <https://tender.telangana.gov.in> on the home page click on the link Supplier Register for on line registration (Helpdesk Hyd: 040-33762222/23)
- c) Tenders are to be submitted on line after registering in <https://tender.telangana.gov.in>
- d) E-Procurement Transaction Fee
As per GO MS 13 dated 07.05.2006, the bidders should pay E-procurement Transaction Fee @ 0.03% on their quoted value (on landed cost basis) plus GST on the transaction fee. The rate of GST is as per GOI directives. The present rate of GST is 18% on e-procurement transaction fee. Participating bidders shall submit [transaction fee at @ 0.03% + 18% GST on the transaction fee](#) as prescribed on E-Procurement at the time of bid submission.

However, there is a cap on transaction fee of Rs 10,000 in case the quoted value is up to Rs 50 crores and a cap of Rs 25,000 in case the quoted value is more than Rs 50 crores. The GST is over and above the cap value.

There is no exemption towards the payment of E-procurement Transaction fee.

- e) Corpus Fund:
As per GO MS No.4 User departments shall collect 0.04% of ECV/EOV (estimated contract/order value) with a cap of Rs. 10,000 (Rupees ten thousand only) for all goods and services with ECV up to Rs.50 Crores, and Rs. 25,000/- (Rupees twenty-five thousand only) for goods and services with ECV above Rs.50 Crores, from successful bidders.

The successful bidder shall pay the corpus fund electronically to M/s. TSTS, the service provider through "Payment Gateway Service on E-Procurement platform" before entering into agreement / issue of purchase orders (Concerned Purchase Officer will initiate online request for payment of corpus fund through e-Portal against that enquiry).

There shall not be any charge towards e-Procurement fund in case of goods and services with ECV/EOV less than and up to Rs. 10 lakhs.

Further any clarifications, contact 08744-235558/9 from 10.00AM to 5.30PM.

Tender for Design, Engineering, Supply, Construction, Erection, Erection, Testing & Commissioning of cumulative capacity of 30 MW (AC) ground based Solar PV Power Plants along with 10 years Plant O&M at different sites.

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Note: Technical specifications & Scope of work are attached separately.

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2. INVITATION FOR BIDS (IFB)

Subject: DESIGN, ENGINEERING, SUPPLY, CONSTRUCTION, ERECTION, TESTING & COMMISSIONING OF 30 MW (AC) GROUND BASED SOLAR PV POWER PLANTS WITH 10 YEARS PLANT O&M AT SINGARENI COLLIERIES COMPANY LIMITED (SCCL), TELANGANA.

- 1.0 The Singareni Collieries Company Limited (SCCL) is a Government Coal mining Company jointly owned by the Government of Telangana and Government of India in the ratio of 51:49. At present SCCL has 25 Underground mines and 19 Opencast mines and the Company produced 67.13 Mill Ton of coal in the year 2022-23.
- 2.0 SCCL has diversified and entered into power generation by setting-up of 2x600MW Coal based Thermal Power Plant. SCCL is also planning to enhance its thermal power capacity to 2000 MW by adding 1x800MW Super Critical Unit.
- 3.0 Singareni Collieries Company Limited (SCCL), envisages the execution of Green Energy by way of implementing Solar PV Power Plants at SCCL in the State of Telangana. This would not only be a leap towards the use of Green Energy for SCCL but also be means of self-reliant and Economical Energy which would capitalize the abundance of Solar Energy. SCCL has already commissioned Solar power plants of 224 MW capacity at 9 locations of SCCL.
- 4.0 **Total project capacity of 30 MW of 33 KV Evaluation is located at 03 different sites at SCCL as given below:**

Sl.No.	LOCATION	SITE CAPACITY (MW) (AC)
1	Yellandu Area	15 MW
2	Bhupalapalli Area	10 MW
3	Ramgundam-1 Area	5 MW
Total		30 MW

- 5.0 Eligibility conditions set forth in the tender document are as per 30 MW (AC) cumulative capacity basis only. Bidders are required to quote accordingly for the complete cumulative capacity of 30 MW (AC). The total capacity of 30 MW will be awarded to a single successful bidder only selected after e-RA.

However, there will be separate contract agreements based on separate sites with the same successful bidder e-RA will be conducted on the total cumulative capacity of 30 MW only. The total price of EPC and O&M arrived after e-RA, will be converted to the per MW price. Based on the per MW price arrived, the per site project EPC and O&M price will be calculated by multiplying the per MW price with the respective site capacity. In the same way, the respective site O&M prices will be calculated. Accordingly, 02 different EPC and O&M NOA/contracts will be awarded for the respective site to the single successful bidder only.

EMD to be submitted by the bidders for the complete 30 MW project capacity. However, the successful bidder will be required to submit respective separate contract performance securities & advance bank guarantees (if availed) for individual sites as there will be individual contract agreements with the successful bidder based on site capacity. SCCL reserves the option to reduce any of the above-mentioned site capacity from the overall cumulative capacity before/after award of contract agreement. Accordingly, the total project price will be proportionately reduced & the

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final project price arrived as such after reduction will be the final project price of the contract agreement.

6.0 Void.

7.0 Regarding PPP:

W.r.t Ministry of new & renewable energy (MNRE) order no 283/22/2019-grid solar dated 23rd sep 2020 for the public procurement (preference to make in India) including any amendments, to provide for purchase preference (linked with local content) in respect of renewable energy (RE) sector & department for promotion of industry and internal trade (DPIIT) notification no. p-45021/2/2017-PP (BE-LI) dated 4th June, 2020 including any amendments,

The procurement of solar modules & solar inverters for the subject tender will be done from class I local suppliers only, wherein, a class-I local supplier' means a supplier or service provider, whose goods, services or works offered for procurement, has local content equal to or more than 50%, as defined under the above said orders.

8.0 Regarding ALMM:

The provisions as contained in the O.M. dated 10.03.2021 issued by MNRE on the subject "approved models and manufacturers of solar photovoltaic modules (requirement of compulsory registration) order, 2019-implementation-Reg." and its subsequent amendments and clarifications, shall be applicable for this tender. the cells and modules used in the project under this tender shall be sourced only from the models and manufacturers included in the list-I (solar PV modules) of ALMM order, annexure-I of the OM, issued by MNRE on 10th march, 2021 which will be updated by MNRE from time to time. the modules to be procured for this project, shall be from the list-I of the ALMM order applicable on the date of invoicing of such modules. bidders shall also provide a disclosure regarding that they are aware of binding provisions of the ALMM order and the list(s) there under, while quoting for the tender.

9.0 The Bidder selected shall be responsible for the performance of the following scope of work (more detailed in this tender document):

- (i) Design, Engineering, Supply, Construction, Erection, Testing & Commissioning of cumulative 30 MW (AC) ground based Solar PV Power Plants under different packages at Singareni Collieries Company Limited, Telangana, India".
- (ii) Comprehensive operation & maintenance of the Solar PV Power Plants for 10 (Ten) years as mentioned in detailed scope of work, after successful commissioning and performance demonstration, as detailed in technical specification, including supply and storage of all mandatory spare parts, consumables, repairs/ replacement of any defective equipment, etc.

The above scope of work is indicative and the detailed Technical Specifications & scope of work are attached to the Tender.

10.0 EMD BG (if bidder opted for) shall be enclosed in a sealed envelope and shall be submitted in the office of GM (MP) SCCL (offline) whose mailing address is mentioned in NIT.

11.0 Performance Securities as per this tender document shall be furnished by the successful bidder after issuance of Notification of Award (NOA)/ Letter of Intent (LOI)/ Letter of Award (LOA) by SCCL.

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- 12.0 The detailed Qualifying Requirements (QR) are given in this section.
- 13.0 e - Reverse Auction (e-RA) will be conducted as per provisions of **Instructions to Bidders (ITB)** of Tender documents.
- 14.0 SCCL reserves the right to cancel/ withdraw this invitation for bids without assigning any reason and shall bear no liability whatsoever consequent upon such a decision.

The brief details of the tender are as under:

(A)	NAME OF WORK/ BRIEF SCOPE OF WORK/ JOB	<p>Design & engineering, procurement & supply of equipment and materials, 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, erection, testing and commissioning of 30 MW (AC) Grid Interactive ground based Solar PV Power Plants and performance demonstration with associated equipment and materials on turnkey basis at different sites of Singareni Collieries Company Limited (SCCL), in Telangana State along with 10 (Ten) years comprehensive operation and maintenance from the date of commissioning or Operational Acceptance, whichever is later.</p> <p>1. Design, Procurement & Supply, and erection of the following, in all respect:</p> <p>1.1 Solar panels including module mounting structures and fasteners.</p> <p>1.2 All power conditioning systems including junction boxes, Inverters/ PCU, DC and AC circuit breaker(s).</p> <p>1.3 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.</p> <p>1.4 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.</p> <p>1.5 All associated civil works, including design and Engineering, for: Earthwork for Site grading, cutting, filling, leveling & compacting, internal Roads, Storm water drainage in the requisite project land as required for development of this Solar PV Power Plant</p> <p>1.6 Construction of Passage for Cleaning of Solar PV Project</p> <p>1.7 Construction of rainwater drainage, if required</p> <p>1.8 Setting up of a comprehensive Fire Protection system as per the Hazardous area classification for the site</p> <p>1.9 Supply of mandatory spares & special tools and tackles</p> <p>1.10 Demonstration of performance of the plant as per the requirement specified in the bidding documents.</p> <p>1.11 Comprehensive operation & maintenance of the SPV plant for 10 (Ten) 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>1.12 Obtaining all associated statutory and regulatory compliances and approvals for successful construction, commissioning and operation of plant</p> <p>1.13 The detailed scope of work is given in Section T1 & Section T2: Scope of Work, specifications and Drawings of this bidding documents.</p>
(C)	SOURCE OF FUNDS	Debt & Equity

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