

NOTICE INVITING TENDER (NIT)

FOR

Request for Proposal for Selection of EPC Contractor for Design, Supply, Installation, Testing & Commissioning including 10 years Comprehensive O&M of 60 MW (AC) Solar PV Project at Village Samraj & Ashukhedi in Madhya Pradesh, India

(SINGLE STAGE TWO ENVELOPE BIDDING FOLLOWED)

ELIGIBILITY CONDITIONS SET FORTH IN THE TENDER DOCUMENT ARE AS PER TOTAL 60 MW (AC) CUMULATIVE CAPACITY BASIS. BIDDERS ARE REQUIRED TO QUOTE ACCORDINGLY FOR THE COMPLETE CUMULATIVE CAPACITY OF 60 MW (AC). THE TOTAL CAPACITY OF 60 MW WILL BE AWARDED TO A SINGLE SUCCESSFUL BIDDER ONLY ON THE TOTAL CUMULATIVE CAPACITY OF 60 MW ONLY.

- 1.0 **Indore Municipal Corporation** is selected for Solar PV Project under RFS for selection of solar Power project in India (Tranche-II) under CPSU Phase-II Scheme (Government producer scheme): Letter of Acceptance for allocated capacity of 100MW (Project ID: SPD-CPSU-T2-IMC-100MW)
- 2.0 The selection of the Contractor for the “Design, Engineering, Supply, Construction, Testing & Commissioning of 60 MW (AC) Solar PV Project including comprehensive 10 years plant O&M at Madhya Pradesh, India” will be carried out by **Indore Municipal Corporation** having its Registered Office Narayan Sing Saput Marg, Shivaji Market, Nagar Nigam Square, Indore, Madhya Pradesh 452007 (hereinafter referred to as ‘**IMC**’ or EMPLOYER or OWNER).
- 3.0 IMC, therefore, invites bids from eligible bidders to participate in the tender for Design, Engineering, Supply, Construction, Testing & Commissioning of 60 MW (AC) Solar PV Project including comprehensive 10 years plant O&M at Madhya Pradesh, India as per the aforementioned details.
- 4.0 The complete Bidding Documents are available at Tenders Madhya Pradesh portal <https://www.mptenders.gov.in>. However, for the purpose of participation, the official copy of the bidding documents shall only be downloaded from <https://www.mptenders.gov.in> as per the provisions available therein. Accordingly, the online bid also has be uploaded by the respective bidders at <https://www.mptenders.gov.in> only.
- 5.0 Interested bidders have to necessarily register themselves on the portal <https://www.mptenders.gov.in> to participate in the bidding under this invitation for bids. It shall be the sole responsibility of the interested bidders to get themselves registered at the aforesaid portal for which they are required to contact Tenders Madhya Pradesh to complete the registration formalities. The address of M/s IMC is mentioned on the Bid Information Sheet. All required

60 MW (AC) Solar PV Power Project in Madhya Pradesh, India	NIT No: 35 /IMC/ 2022-23; Date:09.03.2023	<u>Signature of Bidder</u>
---	--	-----------------------------------

Request for Proposal for selection of EPC Contractor for Design, Supply, Installation, Testing & Commissioning including 10 years Comprehensive O&M of 60 MW (AC) Solar PV Project in Madhya Pradesh, India (Third Call)

documents and formalities for registering on Tenders Madhya Pradesh are mentioned in the subsequent bidding documents.

Interested bidder may obtain further information regarding this NIT from the registered office of IMC at the address given on the Bid Information Sheet from 10:00 hours to 17:00 hours on all working days till the last date of the Bid Submission.

For proper uploading of the bids on the portal namely <https://www.mptenders.gov.in> (hereinafter referred to as the 'portal'), it shall be the sole responsibility of the bidders to apprise themselves adequately regarding all the relevant procedures and provisions as detailed in the portal as well as by contacting IMC directly, as and when required, for which contact details are also mentioned on the Bid Information Sheet. The Employer in no case shall be responsible for any issues related to timely or properly uploading/ submission of the bid in accordance with the relevant provisions of Section II - ITB of the Bidding Documents.

- 6.0 A Single Stage Two Envelope Bidding Procedure will be adopted and will be processed as detailed in the Bidding Documents. Bidding will be conducted through the competitive bidding procedures as per the provisions of ITB and the contract shall be executed as per the provisions of the Contract. It shall be noted that the respective rights of the Employer and the Bidder/ Contractor shall be governed by this Bidding Documents and Contract signed between the Owner and the Contractor for the package.
- 7.0 Bidders should submit their bid proposal online complete in all aspect on or before last date and time of Bid Submission as mentioned on Portal of Madhya Pradesh Tender at <https://www.mptenders.gov.in> and as indicated in the Bid Information Sheet.
- 8.0 Bidder shall submit bid proposal along with non-refundable Tender Processing Fees, Earnest Money Deposit (EMD) if applicable/ Bid Securing Declaration complete in all respect as per the Bid Information Sheet. Techno-Commercial bids will be opened as per the Bid Information Sheet in offline/ online presence of authorized representatives of bidders who wish to be present offline/ online. Bid proposals received without the prescribed Tender Processing Fees and Earnest Money Deposit (EMD, if applicable) or Bid Securing Declaration will be rejected. In the event of any date indicated is a declared Holiday, the next working day shall become operative for the respective purpose mentioned herein.
- 9.0 Tender documents which include Eligibility Criteria, Technical Specifications, various Conditions of Contract, and Forms & Formats etc. can be downloaded from Portal of Madhya Pradesh Tender at <https://www.mptenders.gov.in>. It is mandatory to download official copy of Tender Document from Madhya Pradesh Tender Portal to participate in the Tender. Any amendment(s)/ corrigendum(s)/ clarification(s) with respect to this Tender shall be uploaded on <https://www.mptenders.gov.in>. The Bidder should regularly check for any Amendment(s)/ Corrigendum(s)/ Clarification(s) on the above mentioned <https://www.mptenders.gov.in> website.

60 MW (AC) Solar PV Power Project in Madhya Pradesh, India	NIT No: 35 /IMC/ 2022-23; Date:09.03.2023	<u>Signature of Bidder</u>
---	--	-----------------------------------

Request for Proposal for selection of EPC Contractor for Design, Supply, Installation, Testing & Commissioning including 10 years Comprehensive O&M of 60 MW (AC) Solar PV Project in Madhya Pradesh, India (Third Call)

- 10.0 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, Testing & Commissioning of 60 MW (AC) Solar PV Project at Village Samraj & Ashukhedi in Madhya Pradesh, 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 equipment, etc.
 - (iii) The above scope of work is indicative and the detailed scope of work is given in the Scope of Work and Technical Specification (Section - VII) of the Tender Documents.
- 11.0 EMD/Bid Securing Declaration/ Tender Cost/ Bid Processing fee shall be submitted in online mode only.
- 12.0 Performance Securities as per this tender document shall be furnished by the successful bidder after issuance of Letter of Acceptance (LOA) by the Owner.
- 13.0 The detailed Qualifying Requirements (QR) are given in the section, "Annexure to BDS".
- 14.0 The Employer shall evaluate the bid as per provisions of Instructions to Bidders (ITB) of Tender documents.
- 15.0 Employer/ Owner reserves the right to cancel/ withdraw this NOTICE INVITING TENDER without assigning any reason and shall bear no liability whatsoever consequent upon such a decision.

INTERPRETATIONS

1. Words comprising the singular shall include the plural & vice versa.
2. An applicable law shall be construed as reference to such applicable law including its amendments or re-enactments from time to time.
3. A time of day shall save as otherwise provided in any agreement or document be construed as a reference to Indian Standard Time.
4. Different parts of this contract are to be taken as mutually explanatory and supplementary to each other and if there are any differences between or among the parts of this contract, they shall be interpreted in a harmonious manner so as to give effect to each part.
5. The table of contents and any headings or subheadings in the contract has been inserted for case of reference only & shall not affect the interpretation of this agreement.

BID INFORMATION SHEET

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, Electrical & Mechanical works, and associated services, approvals, permits, licences, installation and incidentals, insurance at all stages, erection, testing and commissioning of Solar PV Project of 60 MW (AC) including interconnected transmission lines with 132 kV Power Evacuation Equipment at Village Samraj & Ashukhedi and performance demonstration with associated equipment and materials on turnkey basis with 10 (Ten) years comprehensive operation and maintenance (including material, consumables, Insurance etc.) from the date of Operational Acceptance.</p> <p>Long term Open Access application, Permission & Approval for captive consumption of Power generated from 60 MW solar power project (for total life of solar plant) at Jalaud Pumping Station, Bhaklai Filtration plant and HT consumers at IMC shall be in Contractor scope.</p> <ol style="list-style-type: none"> 1. Design, Procurement & Supply and erection of the following, in all respect: <ol style="list-style-type: none"> 1.1. Solar panels (DCR solar Module) including module mounting structures and fasteners. 1.2. All power conditioning systems including String Monitoring Box, Inverters/ PCU, DC and AC circuit breaker(s), WMS & SCADA System. 1.3. All associated electrical works and equipment required for interfacing line/ cable i.e. transformer(s) – Inverter Duty Transformers, power transformers and auxiliary transformers, breakers, isolators, lightning arrestor(s), earthing, street light, LT/other panels, protection system, cables, metering etc., but not limited to above, as per technical specifications. 1.4. Design, supply, erection, testing & commissioning defined in scope of work/ Technical Specification as per project requirement and associated switchgear equipment and metering equipment, Switchyard and transmission line as per technical specification and state regulations. 1.5. All associated civil works, including design and
-----	---	---

60 MW (AC) Solar PV Power Project in Madhya Pradesh, India	NIT No: 35 /IMC/ 2022-23; Date:09.03.2023	<u>Signature of Bidder</u>
---	--	-----------------------------------

Request for Proposal for selection of EPC Contractor for Design, Supply, Installation, Testing & Commissioning including 10 years Comprehensive O&M of 60 MW (AC) Solar PV Project in Madhya Pradesh, India (Third Call)

		<p>Engineering for: Earthwork for site grading, cutting, filling, levelling & compacting, internal roads, storm water drainage, module cleaning system 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 Panels</p> <p>1.7. Construction of rain water 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 VII: Scope of Work, specifications and Drawings of this bidding documents.</p> <p>1.14. Any and all that is required to execute the job as per the scope in understanding within the battery limits and upto the substation (s), including construction of bay is to be considered by the bidder.</p>
(B)	TENDER NO. & DATE	NIT No: 35 /IMC/2022-23; Dated: 09.03.2023
(C)	TYPE OF TENDER	“Single Stage Two Envelope “online Bidding system.
(D)	BIDDERS ELIGIBLE FOR BIDDING	This bid is open to bidders from India Only
(E)	COMPLETION/ CONTRACT PERIOD	As mentioned in Special Conditions of Contract (SCC).
(F)	COST OF BIDDING DOCUMENTS	Rs. 50,000/- (Fifty Thousand Rupees Only)
(G)	TENDER PROCESSING FEE	Amount: INR 50,000/- (Indian Rupees Fifty Thousand only) + Portal Fee as applicable
(H)	EARNEST MONEY DEPOSIT (EMD)	INR. 1,50,00,000/- (Indian Rupees One Crore Fifty Lakh only)

60 MW (AC) Solar PV Power Project in Madhya Pradesh, India	NIT No: 35 /IMC/ 2022-23; Date:09.03.2023	<u>Signature of Bidder</u>
--	---	----------------------------

Request for Proposal for selection of EPC Contractor for Design, Supply, Installation, Testing & Commissioning including 10 years Comprehensive O&M of 60 MW (AC) Solar PV Project in Madhya Pradesh, India (Third Call)

(H)	CONTRACT PERFORMANCE SECURITY	As per SECTION V- SCC Clause 1: 3% of the Contract Value
(I)	Bid Validity Period	120 Days
(K)	TECHNICAL QUERIES CONTACT DETAILS	Mr. Sunil Dubey Executive Engineer IMC, Indore Mob .07247760701 Mr. Kapil Nama, IMC, Indore, Mob No. 07247760703
(L)	CONTACT DETAILS OF E-Tender

60 MW (AC) Solar PV Power Project in Madhya Pradesh, India	NIT No: 35 /IMC/ 2022-23; Date:09.03.2023	<u>Signature of Bidder</u>
---	--	-----------------------------------