

PUNJAB STATE POWER CORPORATION LTD.

Regd. Office: PSEB Head Office, The Mall, Patiala-147001
Corporate Identification Number (CIN): U40109PB2010SGC033813
Website: www.pspcl.in

NOTICE INVITING TENDER

RFS No.49/IPC/RTS/2023-24 dated 13.02.2024

Punjab State Power Corporation Limited invites e-bids from eligible bidders to participate in Request for Selection (RFS) of bidder for Site Survey, Design, Supply, Installation, Testing, Commissioning including Warranty and 5 years of Comprehensive Maintenance of Roof Top Solar PV Power Systems of various capacities at various office buildings, 66 kV grid sub-stations, hydel projects and thermal projects of PSPCL at different locations under 7 no. packages (Package no. 1- DS North zone Jalandhar, Package no. 2- DS West zone Bathinda, Package no. 3- DS Centre Zone Ludhiana, Package no. 4- DS South zone Patiala, Package no. 5- DS Border Zone Amritsar, Package no. 6- GHTP Lehra Mohabat, Package no. 7-GGSSTP, Ropar) under CAPEX Model through E-tender web Portal of State e-procurement Portal (<https://eproc.punjab.gov.in>)

The bidding process is for 7 no. packages for the aggregate capacity and locations shown against each package. The locations/addresses of buildings, tentative rooftop area, and proposed solar plant capacity for all 7 no. packages is given in Section III.

Package no.	Name of Package	Total number of sites/ buildings	Total capacity (kW)	Estimated project cost in Rs (@ Rs 50072/ kW)
Package no.1	North Zone under CE DS /North, Jalandhar	199	5112.84	256010124.48
Package no. 2	West Zone under CE DS / West, Bathinda	255	7409.72	371019499.84
Package no. 3	Centre Zone under CE DS / Centre, Ludhiana	92	3018.73	151153848.56
Package no. 4	South Zone under CE DS / South, Patiala	242	5823.10	291574263.20
Package no. 5	Border Zone under CE DS / Border, Amritsar	185	5141.11	257425659.92
Package no. 6	Guru Hargobind Thermal Plant Lehra Mohabat, Distt. Bathinda	30	4075.92	204089466.24
Package no. 7	Guru Gobind Singh Super Thermal Plant, Ropar	10	788.94	39503803.68
	Total	1013	31370.36	1570776665.92

- 1) The NIT consists of 7 no. of packages and prospective bidders shall upload documents/bids (technical & financial bids in a single .pdf file) separately for each package in which the bidder intends to participate.
- 2) If any vendor submits its bid for more than one package then the financial eligibility criteria must be fulfilled by such Bidder for the sum total of the packages being offered by

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it in its Price Bids failing which all such bids shall be rejected at the time of techno-commercial evaluation.

- 3) The bidder is required to thoroughly go through the Bidding Document, BOQ & Scope of Work uploaded by PSPCL before quoting its bid. Any modification/ withdrawal of bid after opening of tender enquiry is not permissible.
- 4) The bidders are required to submit their queries (in writing) before due date of pre-bid meeting. Clarifications (if any) after pre-bid meeting shall not be entertained. In case of any dispute at any later stage, the decision of PSPCL shall be final and binding on the bidders.
- 5) In the price schedule (Price bid) sheet, the bidders are required to fill relevant details in the highlighted cells (i.e. total supply/material amount, total commissioning/labour amount and total AMC amount), while keeping in view the package-wise BOQ and package-wise scope of work uploaded by PSPCL.
- 6) Post bid changes shall not be permitted on contract conditions, technical specifications, scope of work etc.
- 7) After opening of package-wise price bid, Reverse Auction shall be held on the Package-wise Lowest Gross Total Amount quoted by the participating bidders.
- 8) Bidder shall submit bid proposal along with non-refundable tender document fee and refundable EMD as per the Bid Information Sheet. Techno-Commercial bids will be opened online as per the Bid Information Sheet in presence of authorized representatives of bidders who wish to be present online. Bid proposals received without the prescribed bid tender document fees and EMD shall automatically be rejected. In the event of any date mentioned in bid information is declared a Holiday, the next working day shall become operative for the respective purpose mentioned herein.
- 9) Bid documents which include Eligibility criteria, "**Technical Specifications**", various conditions of contract, formats, Annexures etc. can be downloaded from <https://eproc.punjab.gov.in>. Only the documents submitted at the time of Bid Submission shall be used in evaluation process. Bidders are advised to ensure that all supporting documents are submitted at the time of Bid Submission as no further clarification/amendments would be entertained in this regard.

Important events and their schedule for this E-Bid are as under:

S. No.	Particulars	Date and time	Place
1	Online Bid submission Deadline	Date: 14.03.2024 Time: 02:00 PM	O/o Superintending Engineer/ Investment Promotion Cell,
2	Physical submission of documents	Date: 14.03.2024 Time: 05:00 PM	PSPCL, T8, IPC, Thermal Design, Shakti Vihar, PSPCL, Patiala.
3	Date of Technical bids opening	Date: 15.03.2024 Time: 11.30 AM	Online, O/o Superintending Engineer/ IPC, PSPCL, T8, IPC,
4	Date of Price bids opening	Date: 12.04.2024 Time: 11.00 AM	Thermal Design, Shakti Vihar, PSPCL, Patiala.

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SCOPE OF WORK:

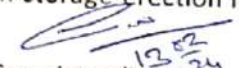
The scope of work shall essentially cover but not be limited to:

Site Survey, design, supply, erection, testing and commissioning including warranty and 05 years of comprehensive maintenance contract (CMC) of grid-connected rooftop solar PV plants. For the purpose of this tender, the components of a Grid Connected Rooftop Solar PV System shall essentially comprise but not be limited to ALMM compliant Mono-crystalline or bifacial solar PV Panels/modules of required number, Inverters/PCU, module mounting structures of minimum 300 mm ground clearance at the lowest point from the roof surface, total Cable/wiring, cable conduits, required array junction boxes, DC distribution box, AC distribution box, various connectors, nut-bolts, civil and mechanical works, Protection-Earthing, lightning, surges, drawing & manual and other miscellaneous works.

Execution of the work shall be carried out in an approved manner as per the technical specification of RFS. In case of any dispute, relevant MNRE/ BIS/ ISI/ NABL/ ISO/ IEC/ IS specification shall be followed and work shall be carried out to the reasonable satisfaction of the engineer in charge.

The vendor shall complete the work of Design, supply, civil work, erection, testing and commissioning of SPV grid connected Power Plant within one year from the issuance of the work order by PSPCL. In event of failure to install and commission the RTS system within the mentioned timeframe, the entire EMD/ Security deposit will be forfeited and may also lead to disqualification of the vendor at the sole discretion of Punjab State Power Corporation Limited.

All the material required for the installation of solar power plant as per the work order issued shall be kept at site in custody of the bidder, Punjab State Power Corporation Limited shall not be responsible for any loss or damage of any material during the installation. The bidder shall be responsible and take an insurance policy for transit-cum-storage-erection for all the materials.


13.02.24
Superintending Engineer/
Investment Promotion Cell, PSPCL Patiala

Bid Information Sheet:

Bid Description	Site Survey, Design, Supply, Installation, Testing, Commissioning including Warranty and 5 years of Comprehensive Maintenance of Roof Top Solar PV Power Systems of various capacities at various office buildings, 66 kV grid sub-stations, hydel projects and thermal projects of PSPCL at different locations under 7 no. packages (<i>Package no. 1- DS North zone Jalandhar, Package no. 2- DS West zone Bathinda, Package no. 3- DS Centre Zone Ludhiana, Package no. 4- DS South zone Patiala, Package no. 5- DS Border Zone Amritsar, Package no. 6- GHTP Lehra Mohabat, Package no. 7-GGSSTP, Ropar</i>) under CAPEX Model.					
Downloading of RFS document	The Bid Document can be downloaded from the https://eproc.punjab.gov.in from 14.02.2024 to 14.03.2024 (02:00 pm).					
Pre-Bid Conference/ Clarification meeting (online)	Bidders interested to participate in the pre-bid meeting are required to get themselves registered on or before <u>23.02.2024</u> by sending an email to Superintending Engineer/ IPC at rts-ipc@pspcl.in with name, designation and mobile numbers of persons interested to participate. Further, Interested Bidders are requested to forward their queries (if any) as per format to PSPCL through email/letter along with soft copy. Pre-bid meeting will be held online on 23.02.2024.					
Site visit	Prospective Bidders are advised to visit the site to study the actual conditions and go through the plans/ drawings connected to the present scope of work etc.					
Online Bid submission Deadline	Date: 14.03.2024 Time: 02:00 PM					
Physical submission of documents	Date: 14.03.2024 Time: 05:00 PM					
Technical bid opening	Date: 15.03.2024 Time: 11.30 AM					
Financial bid opening	Date: 12.04.2024 Time: 11.00 AM					
Validity of Bid	Validity of bid shall be minimum 120 days from the last date of bid submission.					
Cost of Tender document	Nil					
EMD	Package no.	Name of package	Total number of sites/buildings	Total capacity	Estimated project cost in Rs	EMD (Rs) @ of 2% of project cost subject to max. 20 Lakh

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	Package-1	North Zone under CE DS /North	199	5112.84	256010124.48	20,00,000
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	Package-3	Centre Zone under CE DS / Centre	92	3018.73	151153848.56	20,00,000
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Bid Process	Two Part (Techno-Commercial Bid & Price Bid) on https://eproc.punjab.gov.in . There will be reverse bidding as per procedure given in clause 16.2 of Part A under Section I. Reverse Auction shall be held on the Package-wise Lowest Gross Total Amount quoted by the participating bidders.					
Name, Designation, Address of Tender Inviting Authority	Superintending Engineer/ Investment Promotion Cell, PSPCL, T8, IPC, Thermal Design, Shakti Vihar, PSPCL, Patiala Mob: 96461-23332, 96461-29246 Email: rts-ipc@pspcl.in					
Important Note: Prospective bidders are requested to remain updated for any notices/amendments/clarifications etc. to the RFS document through the website: www.pspcl.in and https://eproc.punjab.gov.in . No separate notifications will be issued for such notices/ amendments/ clarification etc. in the print media or individually. All the information related to this RFS shall be updated in the website.						


 13/02/24
 Superintending Engineer /Investment Promotion Cell,
 PSPCL, Patiala
