

RAJASTHAN ELECTRONICS & INSTRUMENTS LIMITED, JAIPUR**(An ISO 9001 : 2015 & 14001 : 2015 “Mini Ratna” Central Public Sector Enterprise)****2, KANAKPURA INDUSTRIAL AREA, SIRSI ROAD,****JAIPUR-302034**

Tel No: 0141- 2470879 / 0141 - 2470908

website: www.reiljp.com**NIT for “Rate Contract for Survey, Design, Supply, Erection, Testing, Commissioning and Comprehensive Operation and Maintenance for 10 years Grid Connected Rooftop Solar Photovoltaic Power Projects on various Government buildings in Uttar Pradesh State”****TENDER NO.REIL/RE/2025-26/04 Dated 22.05.2025****Important Notes:**

1.	TENDER FEE	Rs. 1,000/- (Rupee One Thousand Only) through Demand Draft / RTGS
2.	EMD	Rs. 9,99,000/- only
3.	Estimated Rate of NIT Rate Contract (including GST)	Rs. 4,99,50,000/- only
4.	LAST DATE OF ONLINE TENDER SUBMISSION	11.06.2025 upto 15:00 HRS
5.	TECHNICAL BIDS OPENING DATE	12.06.2025 upto 15:00 HRS
6.	Pre Bid Meeting (Online)	02.06.2025 at 15:00 HRS Pre bid meeting Link (Google Meet) meet.google.com/cgb-igbt-waw
7.	OFFER VALIDITY	90 Days from the last date of tender submission
8.	CONTACT PERSON(S) FOR TECHNICAL QUERIES	1. Sh. Kuldeep Singh Rathore, Sr. Engineer (RE), Email : kuldeep.rathore@reil.co.in , Contact : +91-7727007749 2. Sh. Deepak Gupta, AGM (RE), Email : deepak.gupta@reil.co.in
9.	CONTACT PERSON(S) FOR TENDER QUERIES & SUBMISSION OF HARD COPY OF TENDER FEE & EMD	1. Sh. Mukesh Gupta, Sr. Engineer (MM), Email : mukesh.gupta@reil.co.in , Contact : +91-8387814090 2. Sh. Arun Kumar Dwivedi, AGM (MM), Email : arun.dwivedy@reil.co.in

Kindly note that only online bid will be considered against this tender

Bidders Details

Information Details	Primary Contract	Secondary Contract
Name		
Designation		
Company Name		
Company Address		
Phone No.		
Mobile No.		
Email		
Website		

RAJASTHAN ELECTRONICS & INSTRUMENTS LIMITED, JAIPUR**NOTICE INVITING TENDER NO.REIL/RE/2025-26/04**

This is a Notice Inviting Tender (NIT) for “**Rate Contract for Survey, Design, Supply, Erection, Testing, Commissioning and Comprehensive Operation and Maintenance for 10 years Grid Connected Rooftop Solar Photovoltaic Power Projects on various Government buildings in Uttar Pradesh State**” as per description and terms & conditions specified hereinafter:

Item Description:

S. No.	Description	Total Rate Contract Cumulative Capacity of this NIT
1.	Rate Contract for Survey, Design, Supply, Erection, Testing, Commissioning and Comprehensive Operation and Maintenance for 10 years Grid Connected Rooftop Solar Photovoltaic Power Projects on various Government buildings in Uttar Pradesh State	1350 kWp

Note:

1. This rate contract shall be valid for a period of One Year. It may be extended further as per requirement.
2. Individual work orders shall be allocated to successful bidders, after received of work order from end customer to REIL. Site Survey (if required by end customer), shall be carried out by successful bidder for submission of feasibility report before issue of work order.
3. The SPV Power Plant capacity on one building shall be in the range of 51 kWp to 1000 kWp.
4. Work shall be split to L-1 & L-2 in the ratio of 70% & 30% at L-1 rate. REIL is authorized to allocate final capacity as per end customer requirements.
5. The total rate contract capacity may vary $\pm 25\%$.

E-Tendering Procedure: The work shall be carried out through submission of online tenders only. No offer in physical form will be accepted and any such offer if received by REIL will be outrightly rejected. Tender documents can be downloaded from our website www.reiljp.com or website of CPPP www.eprocure.gov.in. Final bids are to be submitted on website www.eprocure.gov.in. Any changes modification in the tender enquiry will be intimated through above websites only. Bidder are therefore, requested to visit our website regularly to keep themselves updated.

The bidder should have a valid Digital Signature certificate issued by any of the valid certifying Authorities to participate in the online tender.

The bids shall be uploaded in electronic form only through e-tendering system on website www.eprocure.gov.in.

Note: e- Procurement system does not allow submission of documents after due date of tender. Incomplete form or non-submission of documents to verify details may results into rejection of your offer and no communication shall be done for submission of documents.

Price Bid:-Price Bid format given with tender is to be uploaded after filling all relevant information like basic prices, taxes & duties. The Price bid should be uploaded strictly as per the format available with the tender failing which the offer is liable for rejection (blank or changing format of price sheet will not be accepted by system). **REIL reserve the right to distribute the work.**

The bid shall comprise of technical bid and commercial Bid. The detailed scope of work, terms and conditions etc. are available with the Bid documents.

REIL reserves the right to reject the whole or part of any or all bids received, without assigning any reason.

Addl. General Manager (MM)

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Annexure-I**RAJASTHAN ELECTRONICS & INSTRUMENTS LIMITED, JAIPUR****Process Compliance Form**

(Tenders are required to print on their company's letter head and signed, stamp before uploading).

To

**Addl. General Manager (MM)
M/s Rajasthan Electronics & Instruments Limited
2, Kanakpura Industrial Area, Sirsi Road,
Jaipur-302034**

Sub:- Acceptance to the process related Terms and Conditions for the e-Tendering

Dear Sir,

**This has reference to the Terms & Conditions for e-Tendering mentioned in the TenderNo.:-
REIL/RE/2025-26/04 dated 22.05.2025.**

We hereby confirm the following:-

- 1) The undersigned is authorized representative of the company.
- 2) We have carefully gone through the NIT, Tender Documents and the Rules governing the e-tendering as well as this document.
- 3) We will honor the Bid submitted by us during the e-tendering.
- 4) We undertake that if any mistake occurs while submitting the bid from our side, we will honor the same.
- 5) We are aware that if REIL has to carry out e-tender again due to our mistake, REIL has the right to disqualify us for this tender.
- 6) We confirm that REIL shall not be liable & responsible in any manner whatsoever for my/our failure to access & submit offer on the e-tendering site due to loss of internet connectivity, electricity failure, virus attack problem with the PC, digital signature certificate or any other unforeseen circumstances etc.

With regards

Signature with company seal

Name:

Designation:

E-mail Id:

INSTRUCTION TO BIDDERS

1. The Bid forms containing the Terms and Conditions, the tender and the Schedule of contract, **should be submitted online** failing which the tender shall be liable for rejection. In the event of the space on the Schedule of contract / specifications of items/proforma being insufficient for the required purpose, additional pages may be added. Each such additional page must be numbered consecutively, bearing the Tender Number and be duly signed and stamped by the bidder. In such cases, reference to the additional pages must be made in the Tender Form. If any modification of the schedule is considered necessary, you should communicate the same by means of separate letter sent along with the Tender.

2. PROCEDURE FOR SUBMISSION OF TENDERS / BIDS:

The tender should be submitted in **“TWO BID” SYSTEM**:

PART -1 TECHNICAL BID:

Technical Bid along with tender documents (duly signed on each page) to be uploaded in the e-procurement portal. Technical Bid to be opened by the REIL committee. Board resolution/ Authorization letter for signing of the bid document from the bidder be submitted. Prices / Costs of the items should not be indicated anywhere in the Technical Bid. This should be followed meticulously failing which the bid is liable to be rejected.

All eligibility documents should be submitted with the technical bid.

PART -2 FINANCIAL BID:

Price Bid BOQ given with tender is to be uploaded strictly as per the format available with the tender failing which the offer is liable for rejection (renaming or changing format of BOQ sheet will not be accepted by the system).

Note: e-Procurement system does not allow submission of documents after due date of tender.

Incomplete form or non-submission of required documents may results into rejection of your offer and no Communication shall be done for submission of documents.

1. OPENING OF TENDER:

The **Price/Financial bids** of the bidders whose technical bids are found technically suitable only will be opened later. **The decision of the evaluation committee on technical suitability shall be final and binding.**

2. PRICES:

- i. Prices/Financial bid are to be in BOQ format in Indian Rupees and must be meaningful and measurable in the context.
- ii. Bidders should clearly specify whether prices quoted are inclusive of GST/duties/ statutory charges or such charges as extra. Where no specific mention GST or other duties quoted shall be **deemed to be inclusive of such taxes / charges.**
- iii. Price must be quoted in original sheet of BOQ failing which the same is liable to be rejected.
- iv. Evaluation will be done on total price quote by bidders.
- v. REIL has reserve to right for negotiation with L1 bidder.

3. OFFER VALIDITY: Validity of offer shall be 90 days from tender opening date.

4. EMD:

Interested bidder shall submit Earnest Money (EMD) as per NIT requirement. The EMD amount shall be deposited in form of Demand Draft/RTGS/Bank Guarantee to REIL. EMD should be valid for a period of 45 days beyond the bid validity period (i.e 135 days from last date of submission of bid). The bid shall be treated as non responsive in case of non submission of EMD amount. No interest shall paid towards EMD amount.

EMD shall be forfeited without prejudice to the bidder being liable for any further consequential loss or damage incurred to REIL under following circumstances :-

100% of EMD amount, if a Bidder withdraws/revokes or cancels or unilaterally varies his bid in any manner.

Note: MSE (Micro & Small Enterprises) shall be exempted from payment of Tender Document Fee & EMD. It is mandatory for MSE bidders to declare their UDHYOG AADHAR NUMBER on CPP Portal, failing which such bidders will not able to enjoy the benefits of procurement policy for MSE and also attach the relevant certificate with their bid submission.

5. OTHERS -

- i. Bidder has to submit per kW rates.
- ii. The tender fee and Bid Security as detailed under to be deposited in REIL office in hard copy as per the Bid timeline given in the Bid Information Sheet.

SITE DETAILS, ESTIMATED RATES & EMD REQUIREMENTS

S. No.	State / UT	Total Rate Contract Capacity (in kWp) AC Capacity	Maximum Ceiling Limit in Rs. (per kWp) including GST	Estimated Rate (in Rs.) including GST	EMD (in Rs.)
1.	Uttar Pradesh State	1350	37000	49950000	999000

Note: Maximum ceiling limit has been defined. These values are including O&M for 10 years & also inclusive of GST. Any bid price received higher than mentioned ceiling limit, shall be out rightly rejected

ELIGIBILITY CRITERIA:**A) TECHNICAL ELIGIBILITY CONDITIONS:****Bidder must fulfill following criteria:-**

1. The Bidder should be a Company / Firm / Corporation, incorporated in India under the Companies Act, 1956 or 2013 and having experience in Design, Supply, and Installation & Commissioning of Grid Connected Solar Power Plants.

OR

A Limited Liability Partnership Firm (LLP) registered under section 12 of Limited Liability Partnership Act, 2008 and having experience in Design, Supply, and Installation & Commissioning of Grid Connected Solar Power Plants.

2. Experience of having successfully completed similar works (**Design, Supply, Installation & Commissioning of Grid Connected Solar Power Plants**), during last 7 years ending last day of month previous to the one in which applications are invited should be either of the following:

a) Three similar completed works costing not less than the amount equal to 40% of the estimated cost (Rs. 1,99,80,000/- only including GST).

OR

b) Two similar completed works costing not less than the amount equal to 50% of the estimated cost (Rs. 2,49,75,000/- only including GST).

OR

c) One similar completed work costing not less than the amount equal to 80% of the estimated cost (Rs. 3,99,60,000/- only including GST).

3. Out of above, bidder has to submit satisfactorily O&M report of minimum one year for at least one completed work.

B) FINANCIAL ELIGIBILITY CONDITIONS:-

1. Average Annual Financial Turnover during the last 3 years, ending 31st March of the previous financial year (2023-24), should be at least 30% of the estimated cost (Rs. 1,49,85,000/- only). Turnover of 3 years (2021-22, 2022-23 & 2023-24) is required duly certified by CA alongwith balance sheets.

2. The bidder should have positive net worth @ 10% of the estimated cost (Rs. 49,95,000/- only). Net worth certificate is required duly certified by CA.

3. The bidder should have adequate financial resources or should have sufficient resources audited financial statement to undertake the contract. Below mentioned documents are required:

Letter from a Financial Institution that it is willing to fund the project (estimated project cost to be mentioned in letter).

OR

Declaration on bidder's letter head (in case the bidder wish to use the internal resources for funds / shall be furnished). Estimated project cost to be mentioned in letter.

4. The bid shall be not considered for bidders, who is having prior contract terminations due to non-performance or litigation history against government entities. Annexure-IX is required from bidder duly notarized.

Bidder should submit following documents along with Technical bid:-

1. Company Incorporation Certificate / Company Registration Certificate.
2. Balance sheet & ITR for last three years i.e. 2021-22, 2022-23 & 2023-24.
3. Turnover of last 3 years and Networth value duly certified by CA.
4. Past Experience details as per technical eligibility asked in the NIT. Kindly attach verified documents from customer such as Work Orders, Completion Certificates and O&M Certificate. The technical experience documents should be duly certified by Chartered Engineer.
5. Photocopy of GST Registration no. & PAN no.
6. Any other relevant documents
7. All required annexure in tender

OTHER CONDITIONS:

- a) **Responsibility for executing Contract:** The contractor is to be entirely responsible for The execution of the contract in all respects in accordance with the terms and conditions as specified in the acceptance of tender.
- b) The contractor shall not sublet transfer or assign the contract to any part thereof without the written permission of the Addl. General Manager (MM). In the event of the contract or contravening this condition, Addl. General Manager(MM) be entitled to place the contract elsewhere on the contractors account at his risk and the contractor shall be liable for any loss or damage, which the Addl. General Manager(MM), may sustain in consequence or arising out of such replacing of the contract.
- c) **Document:** The bidder should have a valid **PAN / TAN /GST NO & other statutory document as applicable** and produce attested copies of such certificates along with the tender papers in Technical Bid, failing which the tender is liable to be rejected. Check list be attached.
- d) **Right to accept / reject:** REIL reserves the right to reject any or all tender without assigning any reason whatsoever. Also, the REIL authority reserves the right to **award** any or part or full contract to any successful agency at its discretion and this will be binding on the bidder.
- e) The capacity of SPV Power Plant shown in the tender can be increased or decreased to any Extent depending upon the actual requirement.
- f) **Assistance to contractor:** The contractor shall not be entitled for assistance either, in the procurement of raw materials required for the fulfillment of the contract or in the securing of transport facilities.

Electrical Contractor License

- The work shall be carried out by the contractor, having valid Electrical Contractor License for carrying out installation work under the direct supervision of the persons holding valid certificates of competency issued by the State Government. The same shall be submitted to REIL by successful bidder after placement of work order.
- The successful BIDDER shall furnish the names and particulars of the certificate of competency of supervisor and workmen to be engaged for carrying out this work.

Annexure – III A
DETAILED SCOPE OF WORK OF BIDDER

Annexure-A Particulars	Description
Technology	(Mono-Perc Solar Panel \geq 540Wp). Modules shall comply with MNRE Notification dated 29.04.2024 regarding Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and its amendments issued time to time. Inverters are to be purchased from Class-I local supplier only.
O&M Period	10 Years from the date of Completion of Facilities. However as per requirement, the O&M period may be reduced, and the payment shall be given up to O&M period only.
Completion of facilities	As per Annexure A1
Estimate life of solar PV plant	25 Years
Location/Site Details	
Location(s)	Govt. Buildings in Uttar Pradesh State
Electrical Interconnection Details	
Evacuation Voltage	As per State solar policy/SERC/Discom
Power for Construction	Construction power will be provided at one point of each location. Necessary arrangement including cabling, metering, etc. to draw power at required locations shall be done by bidder within the quoted price. The energy consumed shall be chargeable as per discom rates.
Water	Water shall be provided free of cost for construction and periodical cleaning of modules at one point of each location. Additional connection points may also be allowed subject to feasibility. However necessary arrangement including pipe laying, pumping, metering, etc. to draw water at required locations shall be done by bidder within the quoted price.
Access to Roofs	Bidder has to make permanent MS ladders at buildings wherever access to the Rooftops is not available
Performance Parameters / Guarantees	
Minimum CUF	Minimum 17% CUF is required. The minimum ratio of DC to AC is 1.10:1. However, vendor may increase the same to comply the CUF requirements. Bidder has to install min. 10% extra DC Capacity SPV Modules at site.
Minimum values of PR	75%.
GHI Values	Shall be as per PV Syst Software 7.4.5 version or

	latest version using Meteonorm 8.1 data.
Calculation of penalty in case of Shortfall of PR	In case of shortfall in PR, tariff factor is ₹ 5.00 /kWh for normal category states and shall be calculated as per tender.
calculation of penalty in case of shortfall in equipment performance	In case of shortfall in annual CUF, tariff factor is ₹ 5.00 /kWh for normal category states shall be calculated as per tender.
Special conditions	The capacity at a location shall be arrived based on preliminary assessment of data received from customers and shall be allocated to the vendor as per the allocation strategy stated in the bidding documents. However, if the capacity range changes during detailed engineering, then also same rate for the allocated capacity range shall be applicable.
	Premise/location wise Commissioning of rooftop solar with net metering/ net billing/behind the meter is allowed.
	The installation and O&M rates shall be minimum 30% of total cost, in which O&M rates shall be minimum 10% of total cost.
	The bidding shall be done for RCC Roof and price for RCC Roof shall be multiplied by discount factor 0.96 to arrive at the price for GI roof (including O&M and GST).
	Remote Metering Facility to be provided as per Technical Specifications.
	Contractor shall take Fire and peril insurance policy from the reputed/nationalized agency covering the risk of damage, theft of material/ equipment/ properties after completion of the work(s) throughout the O&M period on replacement cost basis.
	Contractor shall take third party liability insurance for deployed workmen, employees against any damage, loss, injury or death arising out of the O&M work.
	The insurance shall be for the replacement value of the project to ensure guaranteed minimum generation.
	Contractor shall take following insurances: <ol style="list-style-type: none"> 1. Transit insurance till delivery of material at site 2. Work man compensation policy during installation of systems 3. Contractor All Risk Insurance Policy during installation of systems 4. Any other insurance policy required by end customer 5. Liquidation, Death, Bankruptcy etc., shall be the responsibility of Bidder.
BGs to be submitted by bidder	1. During construction period: Contract

	<p>performance bank guarantee for 10% of the total contract amount. It shall be released after completion of Defect Liability Period.</p> <p>2. During O&M period:</p> <ul style="list-style-type: none"> • Equipment performance guarantee for 10% of the energy corresponding to applicable CUF for that year multiplied by the Tariff factor. • O&M performance guarantee for 10% of the O&M amount. 10% of it shall be released every year.
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SCHEDULE A

1. SCOPE OF WORK

- A. The Solar Photo Voltaic (PV) installation on Rooftop of various/multiple buildings of the government/private buildings in the state of Uttar Pradesh, shall be carried out preferably on shadow free area in such a way that the generation is maximized on each building suitable for installation of Solar PV power plants. The final plant capacity shall be as per the detailed engineering and approved design of each of the building's rooftops solar. Permanent MS Staircase/ladder of minimum width 1.0m & finished with primer & weather resistant enamel paint for roof top access must be provided for each building where the Roof Top Solar PV panels are to be installed and roof access is not available.
- B. The successful bidder shall be exclusively responsible for design, engineering, testing and all other relevant activities like preliminary visual assessment of roof, water arrangements, electricity, security and determining optimal capacity for setting up of Solar PV Plants and O&M activities for 10 years.
- C. The project site shall be handed over to the bidder on as is where is basis. The bidder should inspect and examine the site and its surroundings and should satisfy himself as to the nature of the roof, the quantities and nature of work, materials necessary for completion of the work and their availability, means of access to site and in general shall himself obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect his offer.
- D. Design, engineering, supply, installation, testing and Commissioning of the Project as per standard design and specifications and connecting to existing Mains / ACDB and interfacing internal electrical loads of Project's License's network/electrical loads. The bidder would have to take approval for the interfacing of the Project with Grid/Electrical Loads from distribution licensee/ CEIG. The bidder shall be responsible for commissioning the project along with Net metering/Net Billing/ Group Net Metering/Behind the meter as per State Regulations.
- E. Commissioning of the system shall refer to the date on which the System at each location / premise starts generating electric energy for continuous Five (05) hours using instruments and meters including Net metering/ net billing/behind the meter.
- F. All materials, manpower, scaffolding materials, machinery, tools, and tackles, transportation & loading/unloading, packaging and unpackaging, safe storage, watch and ward, etc. all inclusive, shall be arranged by the bidder within the quoted price. Scope shall cover all type of transportation of materials inside the working site and manpower etc. required to execute and complete the work. Underground cabling work, if required to evacuate solar project to the consumer's panels shall also be in the scope of bidder.