

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

NOTICE INVITING TENDER
TENDER NO. REIL/RE/24-25/07 Dated 09.11.2024

**“Supply of BoS, Storage, Packaging, Transportation (Except SPV Modules), Installation & Commissioning and
5 years CMC of Solar Street Lighting Systems at various districts/shrines in J&K”**

1.	ESTIMATED TENDER VALUE	Rs. 468.00 Lakh only plus GST
2.	TENDER FEE	Rs. 1000/- (Rupee One Thousand Only) through Demand Draft / RTGS
3.	LAST DATE OF ONLINE TENDER SUBMISSION	30.11.2024 UP TO 17:00 Hrs
4.	TENDER OPENING DATE	02.12.2024 UP TO 17:00 Hrs
5.	OFFER VALIDITY	90 Days from the last date of tender submission
6.	CONTACT PERSON(S) FOR TECHNICAL QUERIES	Sh. Himanshu Sharma, Sr. Engineer (RE), himanshu.sharma@reil.co.in
7.	CONTACT PERSON(S) FOR TENDER QUERIES	Sh. Praveen kumar, Dy. Manager (MM), Email: praveen.kumar@reil.co.in Sh. Sanjay Gupta, AGM (MM-BOS) Email : sanjay.gupta@reil.co.in
8.	EARNEST MONEY DEPOSIT (EMD)	Rs. 9.36 Lakh (2% of estimated value in form of Demand Draft /Bank Guarantee/RTGS)

Note: MSE 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 be able to enjoy the benefits of procurement policy for MSE and also attach the relevant certificate.

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 **TENDER NO. REIL/RE/24-25/07 Dated 09.11.2024**

This is a Notice Inviting Tender (NIT) for “Supply of BoS, Storage, Packaging, Transportation (Except SPV Modules), Installation & Commissioning and 5 years CMC of Solar Street Lighting Systems at various districts/shrines in J&K” as per description and terms & conditions specified hereinafter:

Item Description:

S.No.	Description	QTY (approx.)
1.	Supply of BoS, Storage, Packaging, Transportation (Except SPV Modules), Installation & Commissioning and 5 years CMC of Solar Street Lighting Systems at various districts/shrines in J&K (as per NIT specification)	4,000 Nos.

1.2 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 out rightly rejected. Tender documents can be downloaded from our website www.reilip.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. Tenderer 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 (remaining or changing format of price sheet will not be accepted by system). REIL reserve the right to distribute the work.

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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 tender No.:- REIL/RE/24-25/07 Dated 09.11.2024

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 honour 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:

Designat

ion: E-

mail Id:

RAJASTHAN ELECTRONICS & INSTRUMENTS LIMITED, JAIPUR**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 BOQ 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) equal to 2% of estimated tender cost. The EMD amount shall be deposited in forum of Demand Draft/RTGS/Bank Guarantee to REIL .the 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 JAKEDA under following circumstances :-

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

5. WORK ALLOCATION :-

After opening of financial bid, the lowest quoted price shall be declared as L1 bidder. L1 bidder may invite for further negotiation. The work may be distributed between L1 and L2 bidders on L1 rate in 70:30 ratio after acceptance of L1 rate by L2 party. 100% work may awarded to L1 bidder in case of non acceptance by L2 bidder. REIL reserves the right to allocate specific site capacity distribution.

6. SECURITY DEPOSIT

Security Deposit amounting to 5% of the total contract value is to be submitted within 7 days from the date of issue of LOI/Work order by successful bidder. Security deposit shall be refunded on completion of Supply , Installation – Commissioning and handover the Solar Street Lighting systems to concern authority within completion period mentioned in tender. Security deposit may submit in fourm of Bank Guarantee/RTGS/Demand Draft. Bank Guarantee shall be issued by nationalize bank approved from RBI only. Security deposit may also be considered for PBG after completion of project within stipulated time as per NIT. Balance amount shall be released to

successful bidder after completion of project. REIL reserves the right to forfeit the security deposit in case bidder fails to complete the project within stipulated completion period.

If bidder fails to execute the work, the bidder may be blacklisted and debarred by REIL.

7. PERFORMANCE BANK GURANTTEE:-

Successful bidder shall submit PBG equal to 5% of total Contract Value within 15 days after installation –Commissioning of System in the form of BG/RTGS valid upto 66 months from date of commissioning. Bank Guarantee shall be issued by nationalize bank approved from RBI only.

8. PROJECT INSPECTION

The project shall be monitored by REIL/Authorized Agency and the projects shall be inspected for quality at any time during commissioning or after the completion of the project either by officer(s) from REIL/Authorized Agency. REIL/Authorized Agency may also nominate a technical person(s)/agency(ies) /body(s) for inspection, third party verification, monitoring of system installed to oversee the implementation as per required standards and also to visit the manufactures facilities to check the quality of products as well as to visit the system integrators to assess their technical capabilities as and when required. The cost of Inspection shall be borne by the Bidder only.

9. Pre-dispatch Inspection

The material shall be dispatched only after Pre-dispatch inspection by Third Party Inspection /Monitoring Agency (TPIA) through designated agencies accredited by Quality Council of India (QCI)/NABL/MNRE Approved labs.

The bidder may choose to furnish multiple inspection reports for small lots as per the work orders or a single inspection report for the full allotted quantity as per the BOQ. **Material Inspection by REIL/Authorized Agency** Shall be conducted when key project components including solar panels, Pole, Battery and Luminaries are delivered at site.

10. Test Report

Successful bidder shall submit test report in the Name of REIL for the complete SSL system (including SPV Module of REIL make) from NABL accredited/BIS approved test centers within 15 days from date of award of work and prior to supply of system.

ELIGIBILITY CRITERIA

Bidder must fulfill following criteria:-

Following are required for considering responsiveness of the bidders.

Basic Requirement	Specific requirement	Documents requirement
Legal Entity	The bidder should be a Company / Firm / Corporation / LLP in India having experience in Installation, Commissioning & maintenance of SPV Systems.	<ol style="list-style-type: none"> 1. In case bidder is a company: - Certified copy of the Certificates of Incorporation for companies issued by the registrar of Companies and Memorandum & Articles of Association. 2. In case the bidder is a corporation: - Authenticated copy of the parent statute. 3. In case the bidder is a Partnership/ Proprietor ship Firm: - Certified copy of the deed/ Registration Certificate.
Turnover	Minimum Annual Average Turnover (MAAT) of the bidder during three financial years (2021-22 , 2022-23 & 2023-24) should be at least 30% of estimated cost of tender.	<ol style="list-style-type: none"> 1. Audited Balance Sheets, Profit and Loss Account along with CA Certificate with CA's Registration Number and Seal. 2. Turnover and net worth value duly certified by CA. 3. The last Three years Income Tax Return.
Solvency Certificate	The bidder should have adequate financial resources. Bidders shall submit Solvency certificate equal to 40% of estimated tender cost issued by Nationalize bank approved by RBI, Govt. of India.	Solvency certificate equal to 40% of estimated tender cost issued by Nationalize bank approved by RBI, Govt. of India should be submitted by bidder.

<p>Technical Experience</p>	<p>Experience of having successfully completed similar work during last 7 Financial years ending last day of month previous to the one in which applications are invited should be either of the following:-</p> <p>Three similar completed works costing not less than the amount equal to 40% of the estimated cost.</p> <p style="text-align: center;">or</p> <p>Two similar completed works costing not less than the amount equal to 50% of the estimated cost.</p> <p style="text-align: center;">or</p> <p>One similar completed work costing not less than the amount equal to 80% of the estimated cost.</p> <p>(Similar nature of work means Supply of, Installation & Commissioning and CMC of Solar Street Lighting Systems in any central/state govt. department/PSUs. Copy of work order and Commissioning certificate should be attached with bid)</p>	<p>1. Copy of work order along with Commissioning certificate issued by any central/state govt. department/PSUs/ should be attached with bid</p>
<p>Tax Registration Certificates</p>	<p>i. The bidder should have a valid registration number of :</p> <ol style="list-style-type: none"> 1. GST where his business is located. 2. PAN Number <p>The bidder should have cleared his GST dues, if any to the State Government/Central Government."</p>	<ol style="list-style-type: none"> 1. Copies of relevant registration certificates of GST and PAN. 2. Certified copy of the last GST return filed reflecting that no GST is due to the State Government / Central Govt.

Others	<p>A. The Business Associate shall not be under a declaration of ineligibility for corrupt or fraudulent practices or blacklisted with any of the Government agencies as on the due date for submission of bid.</p> <p>B. Bidder shall give an undertaking as per Annexure-VIII regarding satisfactory completion of work and shall also furnish undertaking as per Annexure-XI regarding certificate towards Legal / Contractual Disputes.</p> <p>C. Integrity pact shall be signed and submit along with bid. Successful bidder shall submit the Integrity pact as per Annexure-XVII on appropriate value non judicial stamp paper with dully signed and sealed.</p> <p>D. Declaration that firm is not blacklisted by any government department/ PSU as per Annexure-IX</p>	<ol style="list-style-type: none"> 1. Submit undertaking on bidder's Letter Head 2. Undertaking as per Annexure-VIII should submit by bidder 3. Integrity pact as per Annexure-XVII should submit with seal and sign of bidder 4. Declaration as per Annexure-IX should submit by bidder
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All MSEs notified as per GFR 2017 clause no. 1.10.4 shall be exempted from payment of tender document fee and Bid Security/Earnest Money Deposit/ For claiming this exemption, MSE must along with their offer, provide proof of their being registered as MSE (indicating the terminal validity date of their registration) for the item tendered, with any agency mentioned in the notification of Ministry of MSME. However looking to nature of project, MSME/Start Up bidder has to abide with the experience and submit their sole required experience certificates.

Annexure-IV

PRICE SCHEDULE

The bidder shall quote their rates / costs Supply of BoS, Storage, Packaging, Transportation (Except SPV Modules), Installation & Commissioning and 5 years CMC of Solar Street Lighting Systems at various districts/shrines in J&K including all taxes etc. in format as per **online only**. It will be mandatory for Bidders to quote their prices.

S N	Item Description	Qty.	Units	Basic rate per system (in Rs.)	GST amount per system equal to 18% of basic rate (in Rs.)	Total Cost per system
1.	Supply of BoS, Storage, Packaging, Transportation (Except SPV Modules), Installation & Commissioning and 5 years CMC of Solar Street Lighting Systems at various districts/shrines in J&K	1	No.			
	Total Cost of Project					

The above quantity may decrease/increase as per field situation/customer requirement.

The defect liability period shall be 5 years from date of commissioning of systems including **consumables**. If the prices are quoted anywhere in Cover-I and/or Cover-II (Technical Bid) by any bidder, their offer will be summarily rejected.

Annexure-V**COMPLETION PERIOD**

REIL proposes to take up work of Supply of BoS, Storage, Packaging, Transportation (Except SPV Modules), Installation & Commissioning and 5 years CMC of Solar Street Lighting Systems at various districts/shrines in J&K under this programme as detailed at section-1 . Supply, Installation-Commissioning with handing over of SSLs shall be carried out by successful bidder within **90 days** from the date of issue of Work Order/Site Clearance. The extension of time period for implementation of the programme is solely on the discretion of the tendering authority.

SCOPE OF WORK

Annexure-VI

Supply of BoS, Storage, Packaging, Transportation (Except SPV Modules), Installation & Commissioning and 5 years CMC of Solar Street Lighting Systems at various districts/shrines in J&K conforming to technical specification of tender documents.

SCOPE OF SUPPLY:

List of items (per system) to be supplied by bidder:

S. No.	DESCRIPTION	MAKE	QTY.
1	MS Hot Dip Galvanized Module Mounting Pole Structure		1 No.
2	Minimum 360 Wh Lithium Ferro Phosphate battery.12.8 V, 30Ah		1 No.
3	12W LED Fixture		1 No.
4	Pole mounted 5 meters above the ground level and 1 mtr below the ground.		1 No.
5	1.5 sqmm 2 Core Copper cable approx. 5 Meter alongwith tags/lugs, complete in all respect.		1 set

***above items should be as per specification mentioned in NIT.**

REIL shall supply 1 No. 75Wp SPV Module. Any other item to complete the system should be provided by the bidder.

Detailed scope of work is given here under:-

- (i) Establish a Central Store in Jammu/Sri Nagar for material Storage purpose.
- (ii) Establishing after "sales service centre" in concerned area for cater maintenance needs of beneficiary.
- (iii) Supply of materials to Sites after inspection done by REIL/authorized agency.
- (iv) Safety and storage of materials at site.
- (v) Collect material receipt by concern department/beneficiary.
- (vi) Installation & Commissioning of SSLs at proposed location.
- (vii) Collect handing over certificate from customers.
- (viii) O&M of SSIs system during O&M period.
- (ix) Giving training to Nominated person for routine maintenance and monitoring of Systems.
- (x) CMC shall be for five years for free replacement warranty on spare parts (including consumable items) against manufacturing defects for five years.
- (xi) Providing Maintenance services to customer for O&M period (i.e 5 years).

PROJECT COST

The Project cost shall include all the costs related to above Scope of work. Bidder shall quote for the entire facilities on a "single responsibility" basis such that the total Bid Price shall cover the obligations mentioned in the Bidding Documents in respect of Supply of BoS, Storage, Packaging, Transportation (Except SPV Modules), Installation & Commissioning and 5 years CMC of Solar Street Lighting Systems at various districts/shrines in J&K. The Bidder has to take all permits, approvals and licenses, insurance etc., provide training and such other items and services required to complete the scope of work mentioned above.

The price quoted is on lump sum turnkey basis including all taxes & duties applicable and the bidder is responsible for the total scope of work described as above.

The project cost shall remain firm and fixed and shall be binding on the Successful Bidder till completion of work. No escalation will be granted on any reason what so ever. The bidder shall not be entitled to claim any additional charges, even though it may be necessary to extend the completion period for any reasons what so ever.

The cost shall be inclusive of all duties and taxes, insurance etc. The prices quoted by the firm shall be complete in all respect and no price variation/adjustment shall be payable.

The Project cost shall be specified by the successful Bidder" quote @ Rs per system for each project. The project cost shall be in accordance with all terms, conditions, specifications and other conditions of the Contract as accepted by the REIL and incorporated into the Rate Contract order.

The Vendor shall be responsible and take an Insurance Policy for transit- cum- storage-cum-erection for all the materials to cover all risks and liabilities for supply of materials on site basis, storage of materials at site, erection, testing and commissioning.

The Vendor shall also take insurance for Third Party Liability covering loss of human life, engineers and work men and also covering the risks of damage to the third party / material/ equipment/ properties during execution of the Contract. Before commencement of the work, the Successful bidder will ensure that all its employees and representatives are covered by suitable insurance against any damage, loss, injury or death arising out of the execution of the work or in carrying out the Contract. Liquidation, Death, Bankruptcy etc., shall be the responsibility of Successful bidder.

Each pole should be marked with JAKEDA/FY-2024-25/Toll Free No. and specific pole numbers in sequence and the Pole No. must have been captured by REIL's / Agency's Web based Application at the time of installation at site. During the time of PDI of each component, test report of equipment's, warranty certificates and calibration certificates should be provided by the bidder.

A. Installation &Commissioning:

Bidder has to obtain handing over certificates/ installation completion letters/ certificates from respective State agency. Successful bidder should submit the Certificate and photographs of each system installed which must show complete installation setup with beneficiary, Pole number etc.

Successful bidder shall ensure that the project gets completed within the stipulated time frame. A

Project Monitoring Report shall be submitted to REIL / Agency during the execution of the project and Impact report to be submitted after completion of the constituency.

After installation/commissioning, the System will be handed over to State Nodal Agency and as the case may be and submit the handing over certificates to REIL / Agency within 15 days from the date of installation (in the prescribed format of REIL / Agency).

B. Operation & Maintenance(O&M):

Bidder has to submit an Operation, Instruction and Maintenance Manual, in English and the local language, should be provided with each Solar LED Street Lighting System to the beneficiary. The following minimum details must be provided in the Manual:

- Basic principles of Photovoltaic.
- A small write-up (with a block diagram) on Solar LED Street Lighting System - its components, PV module, battery, electronics and luminaries and expected performance.
- A simple single line diagram (SLD) depicting the electrical circuits and control mechanism
- Type, Model number, Voltage & capacity of the battery, used in the system.
- The make, model number, country of origin.
- About Charging and Significance of indicators.
- Clear instructions about erection of pole and mounting of PV module (s) and lamp housing assembly on the pole.
- Clear instructions on regular maintenance and trouble-shooting of the Solar LED Street Lighting System.
- Preventive maintenance schedule
- Detail information about warranty coverage
- DO's and DONT's.
- Name and address of the contact person for repair and maintenance, in case of non-functionality of the solar LED street lighting system.
- Description of frequent faults of PV module, battery and panel and its remedy.
- Minimum 10 hard copies (to be printed in booklet form) kept at each service center. Also, to be provided to REIL / Agency as and when required.

The Operation & Maintenance (O&M) cost of the system is in-built in the system cost. The bidder shall provide AMC of the system for 5years.

It is mandatory for the bidder to open an authorized service center in each concerned District and sufficient spare parts i.e., driver, luminary, glass, battery etc. to be maintained at each service center The successful bidder should share the O&M report on monthly basis.

In case bidder fails to inform to REIL/ Agency about any change (contact detail/address) in the service center, REIL / Agency will take severe action against the bidder and bidder may not be able to participate any future tender of REIL / Agency.

Successful bidder shall depute sufficient service personnel at each service center to make routine maintenance. The maintenance shall include thorough testing & replacement of any damaged parts.

Any complaint registered/ service calls received / faults notified , the same should be attended within stipulated timeline and the system should be repaired/ restored/ replaced within 3 days from the date of complaint received/informed to the bidder.

C. INSURANCE:

The Goods supplied under the Contract shall be fully insured in Indian Rupees against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery. For delivery of goods at site, the insurance shall be obtained by the Contractor, for an amount not less than the Contract Price of the goods from “warehouse to warehouse” (final destinations) on “All Risks” basis including War risks and strikes.,

TECHNICAL SPECIFICATIONS FOR 12 W WHITE- LED BASED SOLAR STREET LIGHTING SYSTEM

A complete set of BOS with specific make should get approved from REIL prior to supply. REIL reserves the right to get the sample tested by MNRE / NABL approved lab.

Sr. No.	Components	Specification for Solar street Light Fitting
1.	PV Module	75 Wp Under STC
2.	Battery	12.8 V, 30 Ah Lithium Ferro Phosphate battery (During series & parallel combination the manufacturer should ensure that the minimum capacity of an individual cell shall be 15AH and all the individual cells are of same voltage rating. Also there shall not be more than 2 parallel strings. Further, the bidder has to furnish a certificate from the battery manufacturer for providing of warranty for a period of five years. BIS certified batteries only allowed. Battery pack should have proper 'Battery management System' (BMS))
3.	Light Source	White light emitting Diode (W-LED) 12 Watt, W-LED luminaire, dispersed beam, shooting to eyes with the use of proper optics and diffuser. LED Chip should be compliance to IES: LM-80 (APPROVED Method for Measuring Lumen Maintenance of LED Light Sources and LED lumen depreciation time to L70). Test report for same should be submitted. (The number of LEDs in the luminaire shall not exceed 12).
4.	Light Out put	The luminaire must use high efficacy W-LED with minimum 135 lumens per watt (and UV free). {A certificate to be submitted by the System supplier to the Test Lab during certification} For single light level: Minimum 24 Lux when measured at a point 4 meters below the light. The illumination should be uniform without dark bands or abrupt variations, soothing to the eye. Higher light output will be preferred. For Multiple Light levels: The luminaire should have two levels of light to take care of different lighting needs during the night. Minimum 24 Lux when measured at a point 4 meters below the light (at" High" illumination level). The illumination Should be uniform without dark bands or abrupt variations. Minimum 12 Lux at lower illumination level (Higher light output will be preferred) The luminaire shall be tested for electrical, Photometry and Color

		<p>parameter as per IES LM-79:2008 or IS: 16106:2012 for following performance parameters like:</p> <ol style="list-style-type: none"> 1) Total luminous flux: ≥ 1500 lm. 2) Luminous efficacy (efficacy (i.e. system efficacy): ≥ 125 lm/W. 3) Color Temperature: Between 5500 K to 6500k. 4) CRI ≥ 70 <p>Luminous intensity distribution should follow the batwing patterns in polar curves.</p> <p>Require validation report using .ies file, which is generated during luminous intensity distribution test and using maintenance factor 0.9 and pole height of 4m., Road width 5m and Pole span 15m. The average luminance level and uniformity should comply with requirement as per IS 1944, wherever applicable.</p> <p>The luminaire should be tested for all type of tests as per IS10322 Part 5 Sect 3 or IEC 60598-2-3 standards.</p>
	Mounting of Light	Pole height 5m above the ground level and 1m below the ground. Luminaire shall be at least 4.5 m above the ground level. Cement bottoming of the pole should be carried out as per norms.
	Electronics Efficiency	Overall total Efficiency of the Electronics should be Minimum 90% .
	Duty Cycle	Dusk to dawn: First 4 Hours full light (Min. 24 Lux), rest of the time at lower light (50%, Min. 12 Lux) level. (Higher light output will be preferred)
	Autonomy	3 days or minimum 36 operating hours per permissible discharge with fully charged Lithium-Ferro Phosphate Battery.
	Ingress Protection - IP	Optical and Control gear compartment - IP 65 / IP 66
	Impact resistance of casing	\geq IK 08
	Radiated Emission Test	As per CISPR-15
	ESD (Electro Static Discharge) and Radiated susceptibility Test	As per IEC 61547

TECHNICAL DETAILS:

PV MODULE

- i. Indigenously manufactured PV module should be used.
- ii. The PV module should have crystalline silicon solar cells and must have a certificate of testing conforming to IEC 61215 Edition II / BIS 14286 from an NABL or IECQ accredited Laboratory.
- iii. The power output of the module under STC should be a minimum of 75Wp.
- iv. The module efficiency should not be less than 14 %.
- v. The terminal box on the module should have a provision for opening it for replacing the cable, if required.
- vi. There should be a Name Plate fixed inside the module which will indicate:
 - a. Name of the Manufacturer or Distinctive Logo.
 - b. Model Number.
 - c. Serial Number.
 - d. Year of manufacture.
- vii. A distinctive serial number must be engraved on the frame of the module or screen printed on the Tedlar sheet of the module.
- viii.

BATTERY

- i. Minimum 12.8V, 30 AH capacity Lithium Ferro Phosphate Battery.(Only two parallel strings are allowed)
- ii. ii. Battery pack should have proper ‘Battery management System’ (BMS) for cell balancing, over charge and over temperature protection.
- iii. iii. Battery should conform to the latest BIS standards.
- iv.
- v.

LIGHT SOURCE

- vi. The light source will be a white LED type.
- vii. The colour temperature of white LED used in the system should be in the range of 5500oK -6500oK. W-LEDs should not emit ultraviolet light.
- viii. The light output from the white LED light source should be constant throughout the duty cycle.
- ix. The lamps should be housed in an assembly suitable for outdoor use.
- x. The temperature of heat sink should not increase more than 20°C above ambient temperature during the dusk to dawn operation.
- xi. The luminaire should possess dimming facility.

ELECTRONICS

- i. The total electronic efficiency should be at least 90%.
- ii. Charge controller should be MPPT Type.
- iii. Electronics should operate at an appropriate voltage suitable for proper charging of the battery.
- iv. No Load current consumption should be less than 20 mA.
- v. The PV module itself should be used to sense the ambient light level for switching ON and OFF the lamp.
- vi. The PCB containing the electronics should be capable of solder free installation and replacement.
- vii. Necessary lengths of wires/cables, switches suitable for DC use and fuses should be provided.

ELECTRONIC PROTECTIONS

- i. Adequate protection is to be incorporated under “No Load” conditions e.g. when the lamp is removed and the system is switched ‘ON’ .
- ii. The system should have protection against battery overcharge and deep discharge conditions.
- iii. The System should have protection against short circuit conditions.
- iv. Protection for reverse flow of current through the PV module(s) should be provided.

- v. Adequate protection should be provided against battery reverse polarity.
- vi. Load reconnect should be provided at 80% of the battery capacity status.

MECHANICAL COMPONENTS

- i. A corrosion resistant metallic frame structure should be fixed on the pole to hold the SPV module.
- ii. The frame structure should have provision so that the module can be oriented at the suitable tilt angle.
- iii. Pole should be Hot dip galvanized steel pipe weighing not less than 24Kgs excluding weight of other allied items like arm bracket etc.
- iv. Pole height 5 m above the ground level and 1 m below the ground. Luminaire shall be at least 4.5 m above the ground level.
- v. The pole should have the provision to hold the luminaire.
- vi. The battery shall be either included in the luminaire enclosure, which should be water proof (IP 65) and corrosion resistant or outside the luminaire enclosure in a vented, acid proof and corrosion resistant, hot dip galvanized metallic box (IP 65) with anti-theft locking arrangement for outdoor use.

INDICATORS

- i. The system should have two indicators, green and red.
- ii. The green indicator should indicate the charging under progress and should glow only when the charging is taking place. It should stop glowing when the battery is fully charged.
- iii. Red indicator should indicate the battery "Load Cut Off" condition.

QUALITY AND WARRANTY

- i. The Solar Devices (including the battery) will be warranted for a period of five years from the date of supply, I&C.
- ii. The PV module(s) will be warranted for a minimum period of 25 years from the date of supply. The PV modules must be warranted for their output peak watt capacity, which should not be less than 90% at the end of Ten (10) years and 80% at the end of Twenty five (25) Years.

LABELING OR TAGGING:

To effectively differentiate solar street lights based on the aspects of Agency, Financial year and toll free number, vendors have to implement a clear and consistent nomenclature system. This system involves labeling or tagging the pole of each street light with information that highlights these key aspects.

Tag on Pole: "JAKEDA/FY-2024-25/Toll free Number or Service Contact No....."

List of BIS standards applicable for components of Solar PV Applications

Sl. No. (1)	Product (2)	Indian Standard Number (3)	Title of Indian Standard (4)
1.	Crystalline Silicon Terrestrial Photovoltaic (PV) modules (Si wafer based)	IS 14286	Crystalline Silicon Terrestrial Photovoltaic (PV) modules - Design Qualification and Type Approval
2.	Thin Film Terrestrial Photovoltaic(PV) Modules (a-Si, CiGs and CdTe)	IS 16077	Thin-Film Terrestrial Photovoltaic (PV) Modules - Design Qualification and Type Approval

3.	PV Module (Si wafer and Thin film)	IS/ IEC 61730 (Part 1) IS/ IEC 61730 (Part 2)	Photovoltaic (PV) Module Safety Qualification Part 1 Requirements for Construction Photovoltaic (PV) Module Safety Qualification Part 2 Requirements for Testing
4.	Power converters for use in Photovoltaic power system	IS 16221 (Part 1) IS 16221 (Part 2)	Safety of Power Converters for use in Photovoltaic Power Systems Part 1 General Requirements Safety of Power Converters for use in Photovoltaic Power Systems Part 2 Particular Requirements for Inverters
5.	Storage batteries	IS 16270 IS 16046	Secondary Cells and Batteries For Solar Photovoltaic Application General Requirements and Methods of Test Standard for Lithium ion battery

TERMS & CONDITIONS

THE WORK OF SUPPLY OF BOS, STORAGE, PACKAGING, TRANSPORTATION (EXCEPT SPV MODULES), INSTALLATION & COMMISSIONING AND 5 YEARS CMC OF SOLAR STREET LIGHTING SYSTEMS AT VARIOUS DISTRICTS/SHRINES IN J&K

- i. At any time or at the end of agreement cost of damaged items not got repaired as per norms and laps of services during warranty period reported as default will be deducted from performance security on risk and cost basis.
- ii. The time specified for delivery and completion of work in the contract tender shall be deemed to be the essence of the contract and the successful Bidder/Empanelled Vendor (s) shall arrange to complete work within the period on receipt of order from REIL.
- iii. If bidder does not comply to his proposed schedule, REIL may reallocate the remaining work to any/all other interested firm, so as to achieve the targets.
- iv. If the successful bidder(s) fail to complete the work in the period specified in the authorization letter / contract, the REIL may at its discretion to allow an extension in time of completion, subject to recovery from the Vendor an agreed liquidated damages a sum equal to the following percentage from the amount payable by REIL
 - (a) **Delay up to 1/4 period of the prescribed completion period -2.5%.**
 - (b) **Delay exceeding 1/4 period but not exceeding 1/2 period of the completion period – 5%**
 - (c) **Delay exceeding 1/2 period but not exceeding 3/4 period of the prescribed completion period – 7.5%**
 - (d) **Delay exceeding 3/4 period to the prescribed completion period – 10%**
- v. Fraction of a day in reckoning the period of delay in supply shall be treated one full day.
- vi. If the Successful bidder requires an extension of time in completion of contractual supply on account of occurrence of any hindrance, he shall apply in writing to the purchasing authority for the same immediately on occurrence of the hindrance but not after the stipulated date of completion of supply.
- vii. Delivery period may be extended with or without liquidated damages if the delay in supply of goods is on account of hindrances beyond the control of the bidder.
 - a. No price escalation on account of any statutory increase in or fresh imposition of customs duty, excise duty, sales tax or duty liveable in respect of the systems authorized to be installed, shall be applicable.
 - b. The benefit on account of decrease in taxes etc. shall be availed by the REIL if accrued during the stipulated / extended delivery period.

The bidders are required to study carefully the conditions of the tender document, the enclosed specifications and the relevant provision of the relevant BIS/MNRE specifications wherever necessary before submitting the proposal. Technical particulars of the material offered must comply with the enclosed specifications and the relevant provisions of the BIS/ISS/MNRE as far as possible. In case tenders are called for „ISI marked stores, the material

„ISI marked only shall be accepted.

Any changes in the constitution of the firm/company shall be notified forth with by the Successful bidder in writing to the Corporation and such change shall not relieve the tenderer from any liability under the contract.

Bidder will have to submit GST registration certificate number and GST clearance certificate from the competent authority concerned along with the proposal without which proposals may not be considered provided that the

purchasing authority has reason to believe (to be recorded in writing) that the bidder has not been able to submit clearance certificate of GST on bona-fide grounds, the authority may consider the tender asking the bidder to furnish the certificate later on but in any case before the execution of the agreement by the successful bidder.

The bidder shall sign on each page at the end in token of acceptance of all the terms and it would be attached /uploaded with the proposal along with the declaration. He should also sign at the bottom of each of the pages of his tender.

The authorization for installing SPV system can be repudiated at any time by the REIL if the systems are not supplied and installed to its satisfaction. The reasons for repudiation shall be recorded by REIL. In case of non-performance in any form and shape of the terms & conditions of the agreement the REIL has power to cancel the authorization pertaining to the supply and installation of systems.

If a bidder imposes conditions, which are in addition to/or in contravention with the conditions mentioned herein, his tender is liable to be summarily rejected. In any case none of such conditions will be deemed to have been accepted unless specifically mentioned in the letter of authorization issued by REIL.

- (i) The systems offered shall be warranted (including consumables) by the Successful bidder for use and services for a period of five years from the date of commissioning.
- (ii) Comprehensive Maintenance Services for 5 years should be provided by the Successful bidder. Quarterly Report for maintenance and Servicing as per Annexure should be prepared and submitted to REIL after providing necessary services.

PAYMENT TERMS

Payment Schedule	Milestone
80% payment against Supply of materials on pro rata basis	Payment shall be released after <ol style="list-style-type: none"> 1. after receipt of supplies on pro rata basis at the District/Tehsil/Block Headquarters/Destination Points along with submission of materials receipt dully signed by beneficiary and furnishing of Pre-dispatch report & completing other formalities as per NIT 2. Release of REIL's Payment against Supply of Materials.
20% payment against completion of installation and commissioning of the solar street lights	Payment shall be released after <ol style="list-style-type: none"> 1. after the successful Installation, Commissioning, along with submission of Completion report dully signed by REIL/beneficiary. with Geo Tagged pictures 2. Release of REIL's Payment against I&C of Plant. 3. Submission of PBG equal to 5% of total Contract Value in the form of BG/RTGS valid upto 66 months from date of commissioning

Warranty Clause:-

- a. The systems offered shall be warranted (including consumables) by the Successful bidder for use and services for a period of five years from the date of commissioning.
- b. Comprehensive Maintenance Services for 5 years should be provided by the Successful bidder.
- c. The time specified for delivery and completion of work in the contract tender shall be deemed to be the essence of the contract and the successful Bidders shall arrange to complete work within the period on receipt of order from REIL.

OTHER CONDITIONS:

1. **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.

The contractor shall not sublet transfer or assign the contract to any part thereof without the written permission of the Addl. General Manager (MM-BoS). In the event of the contractor contravening this condition, Addl. General Manager (MM-BoS) 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-BoS), may sustain in consequence or arising out of such replacing of the contract.

2. **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.

3. **Right to accept / reject:** REIL reserves the right to reject any or all tender without assigning any reason whatsoever. Also, the REIL authority reserve 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.

The quantity of the SPV Systems shown in the tender can be increased or decreased to any extent depending upon the actual requirement.

4. **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.

5. **Required document/format:** REIL shall provide the required documents/format/certificate/agreement draft at the time of issue of allocation of work.

6. **Service Center:**-Service center is mandatory at district level in J&K for providing quick O&M support. bidders shall submit the list of Service center detail with complete address and contact details. Bidders should also submit the undertaking to establish division level service center alongwith bid. Successful bidder shall submit the service center detail after issuing of work order.

GENERAL TERMS & CONDITIONS OF THE CONTRACT

1. AMENDMENT

Except as otherwise provided herein, no addition, amendment to or modification of the Contract shall be effective unless it is in writing and signed by and on behalf of both parties.

2. SEVERABILITY

In the event that any or any part of the terms conditions or provisions contained in the Contract shall be determined invalid, unlawful or unenforceable to any extent such term, condition or provision shall be severed from the remaining terms, conditions and provisions that shall continue to be valid and enforceable to the fullest extent permitted by law.

3. CONFIDENTIAL TREATMENT

It is understood and agreed that data, know-how and other such proprietary information that was provided or will be provided by either party, will remain confidential.

4. RELATIONSHIP OF THE PARTIES

REIL relationship with Vendor will be that of a Business Associate, and nothing in this Contract shall be construed to create a relationship, joint venture, partnership.

5. INDEMNITY

REIL and the Vendor will indemnify, defend, and hold harmless each other and its divisions, successors, subsidiaries and affiliates, the assigned of each and their directors, officers, agents and employees from and against all liabilities, claims, losses, and damages of any nature, including, without limitation, all expenses (including attorney's fees), cost, and judgments incident there to REIL and REIL's obligations under this indemnity will survive the expiration, termination, completion or cancellation of this Contract or an order hereunder.

6. FORCE MAJURE

REIL and the Vendor shall not be under any liability to each other or to any other party in any way whatsoever for the destruction, damage, delay or any other matters of the nature arising out of reasons beyond the control of either party, including but not limited to a war, rebellion, civil commotion, strikes, lock-outs and industrial disputes; fire, explosion, earthquake, Act of God, flood, drought, bad weather, requisitioning or other act or order by any government department, council or other constituted body, and similar other reasons.

7. RESTRICTIN ON EMPLOYMENT

Both the parties have agreed that they will not recruit any members of staff of other party directly or indirectly.

8. ARBITRATION

The parties agree to use their best efforts to resolve any dispute that may arise under the Agreement through good faith negotiations. No party shall commence any litigation in relation to this Agreement unless it has first invited the Chief Executive of the other party (or any person duly authorized to action his behalf) to meet with its own Chief Executive (or any person duly authorized to act on his behalf) for the purpose of endeavoring to resolve the dispute on mutually acceptable terms. Any dispute arising under this Agreement which cannot be settled by negotiation/mediation between the parties, or their respective representatives shall be submitted to the competent court of law. The courts situated at Jaipur only shall have the jurisdiction.

9. RISK AND COST

In the event of failure on the part of the contractor in the supply, installation and commissioning of goods and services, which is required in view of the pending orders, REIL shall be entitled to cancel the remaining order and procure the outstanding quantity through other sources at risk and costs of the contractor.

10. TERMINATION OF CONTRACT:

REIL shall be entitled to terminate this Contract, in the event of any or all or any of the following events, with a written notice of 15 days with due consent of the Vendor:-

has abandoned the Contract

has without valid reason failed to complete the projects in respect of the contract.

persistently fails to execute the Contract in accordance with the Contract or persistently neglects to carry out its obligations under the Contract without just and proper cause.

11. DURATION OF CONTRACT

This contract shall take effect on the day of execution of this contract and shall endure for the period of 5 year from date of commissioning and hand over the Power Plant(s) to beneficiary and renewable as per mutual agreement.

12. GOVERNING LAW

This contract and its validity, interpretation and performance will take effect and be governed under the laws of India. Venue in any action in law or equity arising from the terms and conditions of this contract shall be the court of appropriate jurisdiction in Jaipur, Rajasthan (India)

13. PREFERENCE TO MSE

Preference to MSE will be given and procurement from SC/ST and Women Entrepreneurs shall be done as per the government guidelines. Start Ups are exempted from condition of prior turnover and prior experience subject to meeting of quality and technical specifications as per clause mentioned in Eligibility Condition page no. 11.

14. CONTRACT:

Before execution of the work, security deposit be submitted and a contract agreement for execution of the work shall be signed by the Vendor with REIL within 7 days of LOI from REIL. In case agreement is not executed within the stipulated time, earnest money will be forfeited.

15. FORCE MAJEURE:

Notwithstanding the provisions contained in the Bidding Documents; the Contractor shall not be liable to forfeit (a) Bid Security for delay and (b) termination of contract; if it is unable to fulfill its obligation under this Contract due to force majeure conditions.

For purpose of this clause, "Force majeure" means an event beyond the control of the Contractor and not involving the Contractor's fault or negligence and not foreseeable, either in its sovereign or contractual capacity. Such events may include but are not limited to Acts of God, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes etc. Whether a "Force majeure" situation exists or not, shall be decided by REIL and its decision shall be final and binding on the Contractor. REIL may extend the date of completion for a further period corresponding to the period of force majeure.

If a force majeure situation arises, the Contractor shall notify REIL in writing promptly, not later than 7 (seven) days from the date such situation arises. The Contractor shall notify REIL not later than 3 days of cessation of force majeure conditions. After examining the cases, REIL shall decide and grant suitable additional time for the completion of the work, if required.

16. GENERAL;

Compliance with Regulations and Indian Standard:- All works shall be carried out in accordance with relevant regulations, both statutory & those specified by the Indian standard related to the works covered by this specification. In particular the equipment and installation will comply with the following:-

- A. Work man"s compensation act.
- B. Minimum wages Act.
- C. Payment wages Act.
- D. Contact Labour regulation & abolition Act.
- E. ESI, PF & Bonus Act.
- F. Regulation under Indian Electricity Rules,
- G. Safety & electrical Standard as applicable i
- H. Watch & Ward:-

- The Vendor shall supply material (including REIL SPV Modules) from his godown for installation work at site, shall continue to be responsible for their safe custody till they are installed in position, tested, commissioned and handed over to beneficiaries as per format provided by REIL.
- Vendor shall arrange for compliance with statutory provision of safety regulation and departmental requirements of safety codes in respect of labour employed on the work by the Vendor. Failure to provide such safety requirements would make the Vendor liable for penalty. The department will make arrangement for the safety requirements at the cost of the Vendor & recover the cost thereof from him.
- Company shall not be held liable or responsible for any illness and for physical harm sustained by the Vendor authorized representative during the execution of this agreement as they will not be deemed in any manner as employee of the company.
- The Vendor authorized representative shall take due care in handling the SPV system under this contract. Unwarranted activities, if found any, the company shall be authorized to recover the same from the Vendor
- Correction, over-writing and alteration should be initialed and dated by the Vendor otherwise the bid is liable to be rejected. The bid shall be typed or written in ink. Unit rates should be mentioned in the specified format failing which the bids are not likely to be considered.
- All Vendors shall therefore, furnish declaration that their firm is not involved in any litigation that may have an impact of affecting or compromising the delivery if services as required under this assignment. It is also to be declared that their firm has not been black listed by any Central/State/ Public Sector Under takings in India. The declaration should be verified by the Notary Public.
- The Vendor shall sign these conditions on each page at the end in token of acceptance of all the terms and it would be attached with the bid along with the declaration mentioned in above. He should also sign at the bottom of each of the pages of his bid to be submitted.
- The company reserves the right to visit and inspect any site under this contract at any time and if defects are noted, payments may be stopped / recovered from Vendor. The company reserves the right to terminate this contract without giving any notice, if in the opinion of the company, the performance of the Vendor is not found satisfactory and according to terms stipulated by this contract.
- The company shall be fully absolved from the third party claims and damages during the execution of the contract.
- The contract agreement shall be executed at Jaipur and shall be subject to Jaipur court jurisdiction alone. The company shall deduct the TDS as per the Income Tax Act.
- The Vendor shall be fully responsible for all repairs of the defects in maintenance during the period under contract.

Annexure – XII

(On bidder's letter head and signed, stamp before uploading)

COVERING LETTER

Tender ref.: REIL/RE/2024-25/07

No.

Date:.....

Addl. General Manager (MM-BoS),

**Rajasthan Electronics & Instruments Limited, 2, Kanakpura Industrial Area,
Jaipur-302034 Rajasthan**

Sub: NIT for Supply of BoS, Storage, Packaging, Transportation (Except SPV Modules), Installation & Commissioning and 5 years CMC of Solar Street Lighting Systems at various districts/shrines in J&K

Dear Sir,

We hereby submit our offer in full compliance with terms & conditions of the above e-tender.

We confirm that, we have the capability for work for "Supply of BoS, Storage, Packaging, Transportation (Except SPV Modules), Installation & Commissioning and 5 years CMC of Solar Street Lighting Systems at various districts/shrines in J&K". (Supporting document in proof of capacity should be attached).

Regards,

Signature with company seal Name- Designation

(On bidder's letter head and signed, stamp before uploading)

AUTHORIZATION CERTIFICATE

Date

To

Addl. General Manager (MM-BoS),
Rajasthan Electronics & Instruments Limited,
2,Kanakpura Industrial Area,
Jaipur-302034
Rajasthan

Dear Sir,

We M/s.....are authorizing Mr.....to submit tender document in reference to your tender no **REIL/RE/24-25/07 Dated 09.11.2024** for work for "Supply of BoS, Storage, Packaging, Transportation (Except SPV Modules), Installation & Commissioning and 5 years CMC of Solar Street Lighting Systems at various districts/shrines in J&K" on our behalf. He is authorized to carry out communication and negotiations on our behalf.

On behalf of company.....

Name and Designation

Signed and sealed (who has signed the tender)

CERTIFICATE TOWARDS COMPLETION OF WORKS

To

Addl. General Manager (MM-BoS),
Rajasthan Electronics & Instruments Limited,
2, Kanakpura Industrial Area,
Jaipur-302034 Rajasthan

Dear Sir,

We M/s do hereby confirm that we have completed all the works awarded by REIL in last 5 financial years. No work is pending as on date, which was awarded by REIL

On behalf of company

Name and Designation

CERTIFICATE FOR NON BLACK LISTING
(Bidder must submit it on Letter Head of the firm)

Date.....

To

Addl. General Manager (MM-BoS),
Rajasthan Electronics & Instruments Limited,
2, Kanakpura Industrial Area,
Jaipur-302034(Rajasthan).

Ref: NIB No.

Dear Sir,

We M/s. _____ confirm that we are not blacklisted in any PSUs / Government /
Semi Government / Quasi Government department in India, as on date of submission of bid. This undertaking
is submitted to the best of my knowledge. If at any stage it is found wrong, then REIL may take necessary
action against us.

On behalf of company

Name and Designation

Tender ref.: REIL/RE/2024-25/07

CERTIFICATE TOWARDS LEGAL / CONTRACTUAL DISPUTES

Date.....

To

Addl. General Manager (MM-BoS), Rajasthan
Electronics & Instruments Limited, 2,
Kanakpura Industrial Area,
Jaipur-302034
Rajasthan

Dear Sir,

We M/s do hereby confirm that we do not have any legal /contractual disputes with REIL or any other PSU.

On behalf of company

Name and Designation

Annexure-XVIII

MANUFACTURER'S AUTHORIZATION FORM (MAF)
(on letterhead of OEM)

To,

Addl. General Manager (MM-BoS),
Rajasthan Electronics & Instruments
Limited,2, Kanakpura Industrial Area,
Jaipur-302034
Rajasthan

Ref:- **REIL/RE/2024-25/07**

Dear Sir,

WHEREAS

We M/s....., who are Original manufacturers ofhaving factories at(address of manufacturer) do hereby authorize to M/s for submit a Bid relation to the invitation for Bids indicated above, the purpose of which is to provide the following Goods, manufactured by us and to subsequently negotiate and sign the contract.

- 1.
- 2.
- 3.
- 4.
- 5.

we hereby extend our full guarantee and warranty upto O&M period as per NIT and agree to provide spares in accordance with the General conditions of contract, with respect to the Goods offered by the above firm in reply to this invitation for Bids. We hereby declare that we have read the NIT and agree on above terms & condition.

For M/s

Date:

Place:

Signature:

Name of the Authorized person

Annexure-XIX

Commercial Terms & Conditions

S/N	Terms	Terms status	Description	Offer status
				Complied / Not Complied
1.	Terms of Delivery	Required	FOR Site (Inclusive of Freight, Insurance, Packing & Forwarding and unloading)	
2.	GST	Required	Please specify the current rate.	
3.	Terms Of payment	Required	As per Payment terms clause.	
4.	Submission by Associated Firms	Required	Two associated firms can not submit offer in same tender for same item. If at any stage it is found that offer of both parties will not be considered.	
5.	GST No:	Required	GST no is essential for participating in this Tender. Kindly provide your GST No:	
6.	Corrigendum and extension	Required	Corrigendum and extension if any will be hosted on the following website(https://eprocure.gov.in/) only. Please check regularly for further information update.	
7.	Backout Clause	Required	After opening of price bid or on release of PO, if party backsout to supply the material, such party will be debarred from participating in future tenders for same / similar item.	
8.	Udhyam Registration	Required	As per recent Government guide line, manufacturer / Service provider has to take Udhyam registration to avail benefit of MSE. Attach your copy of Udhyam Registration with tender.	
9.	Legal or arbitration issues	Required	Bidder having any legal or arbitrary issues pending with REIL directly or indirectly are not eligible to quote in the tender.	
SIGNATURE WITH STAMP				

Note :- 1. Offer Status is to be mentioned in form of Complied or Not Complied. If it is not complied then please mention deviation in deviation column.

Tender ref.: REIL/RE/2024-25/07

Annexure-XX

UNDERTAKING FOR SERVICE CENTER

(ON LETTER HEAD OF BIDDER)

To,

Addl. General Manager (MM-BoS),
Rajasthan Electronics & Instruments Limited,
2, Kanakpura Industrial Area, Jaipur-302034
Rajasthan

Dear Sir,

We undertake that we will establish Service center in allocated district in J&K. We will also depute our technician/trained manpower with required spares at service center to cater O&M related issues.

For M/s

Date:

Place:

Signature:

Name of the Authorized person

INTEGRITY PACT

Between

Rajasthan Electronics & Instruments Limited (REIL), a company registered under the Companies Act 1956 and having its registered office at 2, Kanakpura Industrial Area, Jaipur-302012 (India) hereinafter referred to as "The Principal", which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the ONE PART

and

_____, (description of the party along with address), hereinafter referred to as "The Bidder/ Contractor" which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the OTHER PART

Preamble

The Principal intends to award, under laid-down organizational procedures, contract/s for _____ . The Principal values full compliance with all relevant laws of the land, rules and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder(s)/ Contractor(s).

In order to achieve these goals, the Principal will appoint Independent External Monitor(s), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section 1 - Commitments of the Principal

- 1.1 The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:-
 - 1.1.1. No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
 - 1.1.2. The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
 - 1.1.3. The Principal will exclude from the process all known prejudiced persons.
- 1.2 If the Principal obtains information on the conduct of any of its employees which is a penal offence under the Indian Penal Code 1860 and Prevention of Corruption Act 1988 or any other statutory penal enactment, or if there be a substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions.

Section 2 - Commitments of the Bidder(s)/ Contractor(s)

2.1 The Bidder(s)/ Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

2.1.1 The Bidder(s)/ Contractor(s) will not, directly or through any other person or firm, offer, promise or give to the Principal or to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material, immaterial or any other benefit which he / she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

2.1.2 The Bidder(s)/ Contractor(s) will not enter with other Bidder(s) into any illegal or undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

2.1.3 The Bidder(s)/ Contractor(s) will not commit any penal offence under the relevant IPC/ PC Act; further the Bidder(s)/ Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

2.1.4 The Bidder(s)/ Contractor(s) of foreign origin shall disclose the name and address of the agent(s)/ representative(s) in India if any. Similarly the Bidder(s)/ Contractor(s) of Indian Nationality shall furnish the name and address of the foreign principal(s) if any. Further details as mentioned in the "Guidelines on Indian Agent of Foreign Suppliers" shall be disclosed by the Bidder(s)/ Contractor(s). Further as mentioned in the guidelines all the payments made to the Indian Agent/ Representative have to be in Indian Rupees only.

2.1.5 The Bidder(s)/ Contractor(s) will, when presenting his bid, disclose any and all payments he has made, and is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

2.2 The Bidder(s)/ Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3 - Disqualification from tender process and exclusion from future contracts

If the Bidder(s)/ Contractor(s), before award or during execution has committed a transgression through a violation of Section 2 above, or acts in any other manner such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidders(s)/ Contractor(s) from the tender process or take action as per the separate "Guidelines for Suspension of Business Dealings with Suppliers/ Contractors" framed by the Principal.

Section 4 - Compensation for Damages

4.1 If the Principal has disqualified the Bidder(s) from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/ Bid Security.

4.2 If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages equivalent to 5% of the contract value or the amount equivalent to Security Deposit/Performance Bank Guarantee, whichever is higher.

Section 5 - Previous Transgression

5.1 The Bidder declares that no previous transgressions occurred in the last 3 years with any other company in any country conforming to the anti-corruption approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.

5.2 If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

Section 6 - Equal treatment of all Bidders/ Contractors/ Sub-contractors

6.1 The Bidder(s)/ Contractor(s) undertake(s) to demand from his sub-contractors a commitment in conformity with this Integrity Pact. This commitment shall be taken only from those sub-contractors whose contract value is more than 20% of Bidder's/ Contractor's contract value with the Principal.

6.2 The Principal will enter into agreements with identical conditions as this one with all Bidders and Contractors.

6.3 The Principal will disqualify from the tender process all bidders who do not sign this pact or violate its provisions.

Section 7 - Criminal Charges against violating Bidders/ Contractors Subcontractors

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the same to Vigilance Office.

Section 8 -Independent External Monitor(s)

8.1 The Principal appoints competent and credible Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.

Ms. Arundhaty Ghosh has been appointed as IEM for this contract. His address is as below.

CG 151 ,1st Floor, Sector II, Salt Lake, Kolkata - 700091

E- Mail : arundhatyg@gmail.com

8.2 The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the MD, REIL.

8.3 The Bidder(s)/ Contractor(s) accepts that the Monitor has the right to access without restriction to all contract documentation of the Principal including that provided by the Bidder(s)/ Contractor(s). The Bidder(s)/ Contractor(s) will grant the monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his contract documentation. The same is applicable to Sub-contractor(s). The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/ Contractor(s) / Sub-contractor(s) with confidentiality.

8.4 The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the contract provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.

8.5 As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The Monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.

8.6 The Monitor will submit a written report to the MD, REIL within 8 to 10 weeks from the date of reference or intimation to him by the Principal and, should the occasion arise, submit proposals for correcting problematic situations.

8.7 If the Monitor has reported to the MD, REIL, a substantiated suspicion of an offence under relevant IPC / PC Act, and the MD, REIL has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Office, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.

8.8 The word 'Monitor' would include both singular and plural.

Section 9 - Pact Duration

9.1 This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the respective contract and for all other Bidders 6 months after the contract has been awarded.

9.2 If any claim is made / lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified as above, unless it is discharged/ determined by the MD, REIL.

Section 10 - Other Provisions

10.1 This agreement is subject to Indian Laws and jurisdiction shall be registered office of the Principal, i.e. Jaipur.

10.2 Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.

10.3 If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.

10.4 Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

10.5 Only those bidders/ contractors who have entered into this agreement with the Principal would be competent to participate in the bidding. In other words, entering into this agreement would be a preliminary qualification.

For & On behalf of the Principal
(Office Seal)

For & On behalf of the Bidder/ Contractor
(Office Seal)

Place-----

Date-----

Witness: _____
(Name & Address) _____

Witness: _____
(Name & Address) _____
