

**Tender**

**For**

Appointment of Third Party Inspection Agency for verification of RFID tags for Solar Photovoltaic Modules installed at different Solar Power Projects located in Rajasthan.

**Tender No: MSEDCL/CE/RE/SOLAR RFID/2021/38  
Dated: 09.09.2021**



**The Chief Engineer (Renewable Energy), Maharashtra State Electricity  
Distribution Co. Ltd**

**CIN:U40109MH200SSGC153645, Regd. & Corporate Office,  
5<sup>th</sup> Floor, "Prakashgad", Plot No. G-09, Bandra (E), Mumbai-400051**

**MAHARASHTRA-INDIA**

**Phone: 022-26474211**

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**INSTRUCTION TO THE BIDDERS**

Online tenders are invited from reputed consultants:

Particular	Tender No.	Earnest Money (Rs.)
Appointment of Third Party Inspection Agency for verification of RFID tags for Solar Photovoltaic Modules installed at different Solar Power Projects located in Rajasthan.	<b>MSEDCL/CE/RE/SOLAR RFID/2021/38 Dated: 09.09.2021</b>	50000/-

**Tender Schedule:-**

Sr. No.	Description	
1	Date of publication of Tender	09/09/2021
2	Tender No.	MSEDCL/CE/RE/SOLAR RFID/2021/38
3	Sub:-Appointment of Third Party Inspection Agency for verification of RFID tags for Solar Photovoltaic Modules installed at different Solar Power Projects located in Rajasthan.	
4	<b>Tender Document Fee in Rs. (non-refundable)</b>	Rs. 1000/-
5	<b>Earnest Money Deposit (EMD) amount in Rs.</b>	Rs. 50,000/- (Considering Rs. 10,000/- per project)
6	Last date of submitting bid document	01/10/2021
7	Date & time of opening bids	04/10/2021

Chief Engineer (Renewable Energy)  
MSEDCL

## **1. GENERAL**

### **1.1. Scope of Bid**

- 1.1.1. The Maharashtra State Electricity Distribution Company Ltd. (MSEDCL), represented by the Chief Engineer (RE) (hereinafter referred to as "the Employer"), wishes to receive bids for 'Appointment of Third Party Inspection Agency for verification of RFID tags for Solar Photovoltaic Modules installed at different Solar Power Projects located in Rajasthan.
- 1.1.2. The detailed scope of work is attached as Annexure-1.
- 1.1.3. The details of the projects to be verified are provided in the Annexure-2. MSEDCL at its own discretion may increase or decrease the capacity of the projects offered for inspection as per its requirements. The price offered on per module basis shall remain same for reduced/increase project capacity.
- 1.1.4. The contract period is for a period of 2 months. The entire work under this contract shall be completed within a period of 30 days from the date of issue of Letter of Award.

## **2. BIDDING DOCUMENTS**

### **2.1. Content of Bidding Documents**

- 2.1.1. The bidding documents are those stated below, and should be read in conjunction with any Addenda issued.
- 2.1.2. The bidder is expected to examine carefully the contents of the bidding documents. Bids which are not substantially responsive to the requirements of the bidding documents will be rejected.

### **2.2. Clarification of Bidding Documents**

- 2.2.1. A prospective bidder requiring any clarification of the bidding documents may notify MSEDCL in writing till 20.09.2021 by mail at the address indicated in the Bidding Data. MSEDCL will respond to any request for clarification which it receives earlier than 07 (Seven) days prior to the deadline for submission of bids.

### **2.3. Amendment of Bidding Document**

- 2.3.1. At any time prior to the deadline for submission of bids, the Employer may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bidding documents by issuing addendum.

### **2.4. Bid Price**

2.4.1. Bidder shall quote per project (list of projects are given in Annexure-2) fee for the entire service on a 'single responsibility' basis as per the entire scope of work such that the total bid price covers all obligations mentioned there in the tender.

2.4.2. Bidder shall quote price bid inclusive of all costs, taxes and levies etc. but exclusive of GST. GST shall be paid extra.

2.4.3. Price quoted by the Bidder shall be fixed and not subject to adjustment during the performance of the contract.

### **2.5. Bid Validity**

2.5.1. Bids shall remain valid for the period of 90 days after the date of bid opening.

### **2.6. Earnest Money Deposit**

2.6.1. Each Tender shall be accompanied with earnest money of Rs. 50,000/- (considering Rs. 10000/- per project) that shall be submitted through Demand Draft in favour of Maharashtra State Electricity Distribution Co. Ltd.

2.6.2. Any bid not accompanied by an acceptable bid security shall be rejected by the Employer as non-responsive.

2.6.3. The earnest money shall be returned:

- a. To the unsuccessful bidders after finalization & issue of LOA to successful bidder.
- b. In case bidding process is terminated by MSEDCL for any reason.

2.6.4. The EMD of the successful bidder shall be extended to keep as a security deposit and returned when the bidder has successfully completed the entire work.

2.6.5. The EMD of the successful bidder shall be forfeited, if it fails within the specified time to complete the entire work.

## **3. OPENING AND EVALUATION OF TECHNICAL AND PRICE PROPOSAL**

### **3.1. Opening of Bids**

3.1.1. The Employer will open the Bids at the date and time designated in the Tender Notice.

### **3.2. Evaluation of Technical Proposals and Determination of Responsiveness**

3.2.1. The Employer will examine the bids to determine whether they are complete, whether the documents have been properly signed, whether the required security is included, and whether the bids are generally in order. Any bids found to be non-responsive for any reason or not meeting the minimum levels of the performance or other criteria specified in the

bidding documents will be rejected by the Employer and will not be included for further consideration.

3.2.2.A substantially responsive bid is one which conforms to all the terms, conditions and requirements of the bidding documents without material deviation or reservation.

**3.3. Opening of Price Proposal**

3.3.1.The Price proposals for the technically qualified bidders will be opened on the notified date and time and reviewed to determine whether the price proposals are substantially responsive. Bids that are not substantially responsive are liable to be disqualified at MSEDCL’s discretion.

**3.4. Award of Contract**

3.4.1.Work shall be awarded on L1 basis i.e. the successful bidder, who have quoted least price in the Price Proposal.

3.4.2.Prior to expiration of the period of bid validity prescribed by the Employer, the Employer will notify the successful bidder by email, that its bid has been accepted.

3.4.3.The Employer reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award of Contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for the Employer’s action.

**3.5. Terms of Contract**

3.5.1.The contract shall be valid for a period of 2 months and the successful bidder shall complete the work and submit a detailed report that compares claimed vs actual in terms of module numbers, module capacity, type, make, and country of origin etc. within 30 days from the date of LOA for the specific project.

**3.6. Ceiling Rate**

3.6.1.The maximum acceptable price bid is Rs. 1.2 Lakh per project.

**3.7. Payment Terms**

3.7.1.The assignment has to be completed within 30 days from the date of award of the contract.

The timeline along with deliverables for the assignment is given below:

Sl. No.	Deliverables	Timeline	Payment Schedule
1.	Mobilisation Advance (on providing equivalent Bank Guarantee)	Within 7 days of LOA	25% of the quoted price

2.	Submission of Final Report	30 days from the date of LOA of specific project's inspection	65% of the quoted price
3.	Acceptance of report	-	10% of the quoted price

**Note:**

1. The fees shall include all costs, taxes, duties, etc. GST shall be paid extra at the applicable rate.
2. Payments shall be done only for the sample size (i.e. 500 modules per site) of the project as mentioned in the scope of work.

**3.8. Deviation**

3.8.1. The Tender/Bid must comply with the Tender specification and all terms and conditions of contract. No deviation in the Terms & Conditions of the Contract shall be entertained unless specifically mentioned by the bidder in the bid and accepted by MSEDCL.

**3.9. Reporting**

3.9.1. The successful bidder shall submit the progress report after every week from the date of LOA, towards the module verification done against total scope of 500 module verification for each project location.

**SECTION 2**  
**FORM OF TECHNICAL PROPOSAL**  
**&**  
**FINANCIAL PROPOSAL & PRICE BID FORMAT**

FORM OF TECHNICAL PROPOSAL  
(On Bidder's Letterhead)

TENDER NO.: MSEDCL/CE/RE/SOLAR RFID/2021/38 dated 09.09.2021

TENDER - Appointment of Third Party Inspection Agencies for verification of RFID tags for Solar Photovoltaic Modules installed at different Solar Power Projects located in Rajasthan.

To: Maharashtra State Electricity Distribution Company Ltd.

Represented by the:

Chief Engineer (RE)

Maharashtra State Electricity Distribution Co. Ltd.

Prakashgad, 5th Floor, Prof. Anant Kanekar Marg, Bandra (East)

Mumbai 400 051, India

Sir,

We have examined the bid documents for Appointment of Third Party Inspection Agencies for verification of RFID tags for Solar Photovoltaic Modules installed at different Solar Power Projects located in Rajasthan. We have understood and checked these documents and have not found any errors in them. We accordingly offer to provide Services as defined in the bid document, fit for its purpose in conformity with these documents and the enclosed Proposal.

We hereby declare that we accept all the terms, conditions, and all other matters set forth in Instructions to Bidders, Scope of Work; Form of Technical & Price Proposal, Declaration by Bidder and Sample Forms and agree that these will form a part of the Contract if we are selected for Award of Contract.

We have submitted complete details of our technical and financial capabilities for establishing our eligibility to undertake contract. However, we hereby confirm that we accept that the Employer's decision on our eligibility to undertake the works in accordance with the requirements set out in the Invitation for Bids will be final and binding on us, and that we will not raise any objection should the Employer decide to reject our Bid for the grounds that we do not satisfactorily meet the minimum qualifying criteria.

This Bid and your written acceptance shall be the basis for Contract. We understand that you are not bound to accept the lowest or any bid you receive or assign any reason thereof for the rejection.



We agree to keep this bid open for acceptance for a period of 90 days from the date of opening thereof and also agree not to make any modification in the terms and conditions on our own accord. We further agree to sign Contract to abide by the Conditions of Contract and carry out all works according to specific clauses.

We accept that in case of dispute the same will be settled amicably with the Employer.

Yours faithfully

Signature \_\_\_\_\_

in the capacity of \_\_\_\_\_ duly authorized to sign bids for and on behalf of \_\_\_\_\_ on this day of \_\_\_\_\_ 2021.

Bidders Name & Address: \_\_\_\_\_

Bidder's Signature:

\_\_\_\_\_

(Seal)

FORM OF PRICE PROPOSAL

(On Bidder's Letter head to be uploaded separately as Price Bid Document)

TENDER NO.: MSEDCL/CE/RE/SOLAR RFID/2021/38 Dated 09.09.2021

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To: Maharashtra State Electricity Distribution Company Ltd.

Represented by the:

Chief Engineer (RE)

Maharashtra State Electricity Distribution Co. Ltd.

Prakashgad, 5th Floor, Prof. Anant Kanekar Marg, Bandra (East)

Mumbai 400 051, India

Sir,

We have examined the bid documents and the matters set out therein. We have understood and checked these documents and have not found any errors in them. We accordingly offer to execute and complete and guarantee the said Contract and remedy any defects, fit for its purpose in conformity with these documents and the enclosed proposal. The price quoted by us is per module fee including all costs, taxes and levies, except GST if any for the entire service on a 'single responsibility' basis as per the entire scope of work such that the total bid price covers all obligations mentioned therein in accordance with the requirements of the bid documents.

We agree to abide by this Bid until \_\_\_\_\_, 20\_\_ [insert the date 90 days after the date of opening of the Technical Proposal], and it shall remain binding upon us and may be accepted by employer at any time before the date.

If our Bid is accepted, we will sign contract agreement, commence the Works immediately after receipt of Letter of Award, and complete the services as per the requirements of Employer.

Unless and until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.

Yours faithfully

Signature \_\_\_\_\_

in the capacity of \_\_\_\_\_ duly authorized to sign bids for and on behalf of  
\_\_\_\_\_ on this day of \_\_\_\_\_ 2021.

Bidders Name & Address: \_\_\_\_\_

Bidder's Signature:

\_\_\_\_\_

(Seal)

PRICE BID FORMAT

Price Bid

(Should be uploaded separately as Price Bid Document)

**TENDER NO. : MSEDCL/CE/RE/SOLAR RFID/2021/38 Dated 09.09.2021**

I/We hereby offer Price Bid for the above Tender:

Sl.No.	Description of service	Unit	Price Per project
1	Inspection Agency for verification of RFID tags for Solar Photovoltaic Modules installed at different Solar Power Project located in Rajasthan	1 Project	

**Note:**

The Price Bid shall be in compliance with 3.6.1 regarding the ceiling to the price bid.

*The quoted price shall include all costs, taxes and levies, except GST and shall be in Indian Rupees only.*

**Signature of Bidder:** \_\_\_\_\_  
(Seal)

**Name and Designation:** \_\_\_\_\_

**Bidder Information Sheet**

(To be completed by the Bidder)

<b>Bidder Information</b>	
<b>Bidder's Registered Name</b>	
<b>Bidder's actual or Intended year of constitution</b>	
<b>Bidder's Registered Address</b>	
<b>Bidder's authorized representative</b> (name, address, telephone numbers, fax numbers, e-mail address)	

## Annexure-1

### Scope of Work:

The following is the scope of services of the consulting firm:

1. Size of sample for each project shall be 500 modules.
2. Technical specifications sheets of all the sample modules are to be visually inspected to check Module make, Module Model, Rating and country of origin to ensure it is as per the invoices and the RFID submitted.
3. Photographs of specification sheets of all the inspected modules shall be taken and saved as JPEG/JPG or any other format approved by MSEDCL for records.
4. A sample video shall be taken in every project that shows 10 samples under each manufacturer of imported modules.
5. The applicant shall submit a detailed report to MSEDCL that compares claimed vs actual in terms of numbers, type, make, and country of origin of modules, and compare the field inspection data with all invoices data.

**Annexure-2****Details of the projects to be verified**

<b>Sr. No.</b>	<b>Developer</b>	<b>Project Capacity (MW)</b>	<b>Location</b>
1	ACME Chittorgarh Solar Energy Pvt. Ltd.	250	Village Harisinghnagar, Akkadhana, Khetusar, Ranjeet Nagar, Bagada, Rawara and Ranari, Tal. Bap, Dist. Jodhpur, State –Rajasthan
2	ReNew Solar Power Pvt. Ltd.	250	Village Lalsar and Jamsar, Tal. Bikaner, Dist. Bikaner, State –Rajasthan
3	Adani Renewable Energy Ltd.	200	Village Rawra, Bhiv Ji Ka Gaon and Hanuwant Nagar, Tal. Bap, Dist. Jodhpur, State - Rajasthan
4	Tata Power Renewable Energy Pvt. Ltd.	150	Village -Chhayan-1,Tal. Pokaran, Dist. Jodhpur, State –Rajasthan
5	Azure Power India Pvt. Ltd.	130	Village Hari Singh Nagar and Bagtawar Nagar, Tal. Bap , Dist. Jodhpur, State – Rajasthan