



**Office of the Executive Engineer Lake Division No. 1<sup>st</sup>.**  
**J&K Lakes and Waterways Development Authority Srinagar**

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**N.I.T No. LD- 1<sup>st</sup>. / 24 of 2020-21(e).**

For and on behalf of the LT. Governor, Jammu & Kashmir UT, Expression of Interest is invited from venders empanelled with (JKEDA) for Repair/ Replacement of Existing Grid connected Rooftop solar Power Plants Scheme, including its three years Comprehensive Maintenance Contract in double cover system as under:-

Sr. No.	Name of the work	Earnest Money Rs.	Tender fee (Rs)
01.	Repairs/ Replacement of existing damaged parts for complete Restoration of Solar Off Grid Generation Plants installed at Head office Building at Miskeen Bagh and Sub-Divisional office of Inlake and Rehab-Sub-Division at Dalgate, Srinagar including its Comprehensive Maintenance Contract (CMC) for a period of three years.	5000.00	500.00

**Online bidding schedule:**

01.	Date of issue of tender Notice.	13.02.2021
02.	Start date for downloading of bidding documents.	15.02.2021 (10.00 AM)
03.	Pre Bid Meeting	25.02.2021 (11.30 A.M in the office Chambers of Vice Chairman J & K Lakes & Waterways Development Authority Miskeen Bagh Khanyar Srinagar)
04.	Bid submission start date	27.02.2021 ( 10.00 a.m)
05.	Bid submission end date	10.03.2021 (04.00 P.M)
05.	Date and time of opening of bids (Technical & Financial) on line.	11.03.2021 (2.00 P.M)
06.	Tender inviting authority.	Executive Engineer Lake Division No: 1st J&K LDA Miskeen Bagh Srinagar.
07.	Tender opening/receiving authority.	Vice Chairman, J&K Lakes and Waterways Development Authority, Srinagar
08.	Earnest Money (CDR/FDR) to be pledged in favour of.	FA & CAO J & K Lakes & Waterways Development Authority Miskeen Bagh Khanyar Srinagar)
09.	Tender fee to be drawn in favour of.	<b>Tender fee to be deposited into account No. CDG/01850102 00 00 0004, JK Bank Upper Sathu through E-challan / treasury receipt/Pay in Slip.</b> <b>Note:NIT No. and S.No. of the work shall be mentioned on paying slip while depositing the fee. The fee must be deposited between publishing date of NIT and bid submission end date. No before or after-wards shall be entertained.</b>

**Details of Off Grid Solar Plants installed in the year 2018.**

S.No.	Name of the office complex	Capacity	Brand
01.	Head office complex Miskeen Bagh	6 Units of 5.5 KVA capacity	<i>Exide and Luminous</i>
02.	Vice Chairman's office along with AC	01 Unit of 7.5 KVA	
03.	Inlake Sub-Division and Rehab-Inlake Sub-Division at Dal Lock gate	2 unit of 5.5 KVA	
04.	Law Officers Office at Miskeen Bagh and Stores Sub-Division	01 Unit of 10 KVA	
05.	Laboratory Building	01 Unit of 7.5KVA and 01 unit of 5.5 KVA	
	<b>Total</b>	<b>74.50 KVA</b>	



**General Conditions:**

In the 1<sup>st</sup> instance the successful bidder has to Repairs/ replace existing damaged parts for complete Restoration of Solar Off Grid Generation Plants. The damaged parts are to be repaired/ replaced with original parts of the same brand and specification. After complete restoration CMC shall start for a period of three years on following terms and conditions:-

1. The intending bidder are requested to inspect the existing off grid solar plants for assessment of damages before casting of tenders.
2. The CMC shall remain valid for a period of three years from the date of completion of repairs and replacement after placing of the order in favour of the firm.
3. During the CMC period starting from the date of actual completion of repairs and replacement work, the contractor has to ensure uninterrupted smooth supply 24x7 .

**Job Description:**

4. During the Comprehensive Annual Maintenance Contract period the contractor has to maintain, repair, restore, and replace damaged parts as and when required to ensure 24x7 smooth supply at his own cost. No extra payment shall be made for such replacement. The intending bidder shall have quote rate for CMC accordingly.

**5. Completion Period:**

The Item 1 of the BOQ shall have to be completed within 15 days from the date of issue of LOI/allotment order. The CMC shall be effective from the date of satisfactory completion of all the repairs/replacement works and subsequent testing and commissioning of the Solar Off Grid Generation Plant duly verified by the concerned AEE.

The CMC shall be Valid for Three (03) Years from the date of completion of all the repairs/replacement work.

**A. Care for panels:**

- The panels are cleaned at least once every five days.
- Any bird droppings or spots should be cleaned immediately.
- Use water and a soft sponge or cloth for cleaning.
- Do not use detergent or any abrasive material for panel cleaning.
- Isopropyl alcohol may be used to remove oil or grease stains.
- Do not spray water on the panel if the panel glass is cracked or the back side is perforated.
- Wipe water from module as soon as possible.
- Use proper safety belts while cleaning modules at inclined roofs etc.
- The modules should not be cleaned when they are excessively hot.
- Early morning is particularly good time for module cleaning.
- Check if there are any shade problems due to vegetation or new building. If there are, make arrangements for removing the vegetation.
- Ensure that the module terminal connections are not exposed while cleaning; this poses a risk of electric shock.
- Never use panels for any unintended use, e.g. drying clothes, chips etc.
- Ensure that cats or any other animals do not damage the panels.

**B. Care for CABLES AND CONNECTION BOXES**

- Check the connections for corrosion and tightness.
- Check the connection box to make sure that the wires are tight, and the water seals are not damaged. There should be no vermin inside the box.
- Check the cable-insulating sheath for cracks, breaks or burns.
- If the insulation is damaged replace the wire.
- If the wire is outside the building, use wire with weather-resistant insulation.



- Make sure that the wire is clamped properly and that it should not rub against any sharp edges or corners.
- If some wire needs to be changed, make sure it is of proper rating and type.

**C. Care for INVERTER**

- The inverters installed should be checked for ventilation.
- Remove any excess dust in heat sinks and ventilations. This should only be done with a dry cloth or brush.
- Check that vermin have not infested the inverter. Typical signs of this include spider webs on ventilation grills or wasps' nests in heat sinks.
- Check functionality, e.g. automatic disconnection upon loss of grid power supply, at least once a month. Verify the state of DC/AC surge arrestors, cable connections, and circuit breakers.
- The maintenance is to be conducted through expert hands while observing all standard safety measures and equipments required for the job.

**C. Restoration and Replacement of Damaged parts:**

If any part damages during the CMC the same shall have to be replaced by the contractor which must be to the conforming to the relevant specification of and must be of the same company's original product. The damaged parts are to be replaced under the supervision of the designated officer of the Authority.

- The Damaged parts are to be returned to the Department under proper receipt.
- In case the successful bidder fails to provide satisfactory services the contract shall be terminated immediately and retendered at his risk and cost besides debarring him for tendering in future and his deposits shall be forfeited.

**Tendering shall be online on double cover system as under:**

**6. "Cover A" Technical Bid Comprising of following documents must be uploaded.**

- Registration Empanelment/LOA of the firm issued by JAKEDA with proof of successful commissioning certificate with minimum cumulative capacity of 50kwp (Govt. Experience only).
- Registration of FIRM.
- GST.
- PAN.
- Earnest Money Deposit EMD.
- Proof of tender fee TENDER Fee deposited.
- Bids uploaded without prescribed documents shall not be entertained at all.
- List of the items/parts to be repaired/replaced.
- Cover "B" of only qualified bidders shall be opened.

**7. Cover B" Price Bid.**

- The rates are to be quoted in the BOQ for complete jobs in the BOQ.
- The rates quoted must be inclusive of all taxes.

**8. Payment:**

- a) 90% of the payment of the allotted cost shall be released against item 1 of the BOQ after verification of the bills by the concerned AEE.
- b) 10% of the balance payment against the allotted cost of the item 1 shall be released after 6 months of satisfactory performance.
- c) 95% payment of allotted cost (distributing the total annual allotted cost on monthly basis) on monthly shall be released against item 2 of the BOQ in the first year.
- d) 95% payment of allotted cost ( distributing the total annual allotted cost on monthly basis) on monthly shall be released against item 2 of the BOQ in the 2<sup>nd</sup> year.



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J&K Lakes and Waterways Development Authority Srinagar**

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- e) 95% payment of allotted cost ( distributing the total annual allotted cost on monthly basis) on monthly shall be released against item 2 of the BOQ in the 3rd year.
- f) Balance 5% payment retained from the running monthly bills shall be released against satisfactory performance at the end of each year.
- The tenders must be addressed to the Superintending Engineer, J&K Lakes and Waterways Development Authority, Miskeen Bagh Khanyar Srinagar.
9. The NIT Consisting of qualifying information, eligibility criteria, specifications, bill of quantities (B.O.Q), set of terms and conditions of contract and other details can be seen/downloaded from the Departmental website [www.jktenders.gov.in](http://www.jktenders.gov.in) upto said bidding schedule.
10. The bids shall be deposited in electronic format on the departmental website [www.jktenders.gov.in](http://www.jktenders.gov.in) upto said bidding schedule.
11. The complete bidding process will be on line.
12. To participate in bidding process, bidders have to get "Digital Signature Certificate (DSC) as per information Technology Act-2000. Bidders can get digital certificate from any approved vendors.
13. Bidders may contact office of the undersigned for any guidance for getting DSC or any other relevant details in respect of e-tendering process.
14. Conditional tender of any type or tender volatile of NIT conditions shall out-rightly be rejected, even if the rates quoted are lowest.
15. The tenderers shall not be entitled to any claim towards expenses incurred for/or incidental to the submission of tenderers.
16. Tender shall be valid for a period of 120 days.
17. The Tender receiving authority reserves the right to any tender or all without assigning any reasons thereof.

No: LD-I/6723-38  
Dated: 13.02.2021

Sd/-  
Executive Engineer,  
Lake Division NO. 1<sup>st</sup>.  
JKLWDA Srinagar.

**Copy to the:**

- 1/- Vice Chairman, J&K Lakes and Waterways Development Authority, Srinagar. *This is w.r.t this office letter no: LD-1/5941-43 dt: 30.12.2020.*
- 2/ The District Development Commissioner Srinagar.
- 3/- Superintending Engineer J&K Lakes and Waterways Development Authority Sgr.
- 4/- Financial Advisor and CAO J&K LDA Srinagar for information.
- 5/- Joint Director P & S H&UD for uploading NIT on Departmental web site as per HUD/Plan/53/2014-AF dated: 01.01.2015.
- 6/- The Deputy Director Information Department, Srinagar with the request to have the NIT notice published in the two leading local dailies (Urdu/ English) on top priority preferably in Greater Kashmir, Aftab, Sgr. Times or Kashmir Images before the last date fixed for issuance of tender documents
- 7/- Director AIR Srinagar through SABA advertising Agency Abdullah Bridge Srinagar for broadcasting the NIT on AIR once during prime time broadcasts.
- 8-9/- Executive Engineer, lake Division No. II nd,
- 10/- Executive Engineer Mechanical Division, LWDA.
- 11/- The In charge R&M J&K LWDA for inf.
- 12/- The Watershed Manager Watershed Management Division J&K LWDA for inf.
- 13-14/-The Asstt. Executive Engineer, Inlake/ Rehabilitation Sub-Division for information.
- 15-16/-The Asstt. Accounts Officer/ Head Draftsman Divisional Office for information.
- 17/- Notice Board.