

**OFFICE OF THE DEPUTY COMMISSIONER/CHIEF EXECUTIVE OFFICER,
LADAKH AUTONOMOUS HILL DEVELOPMENT COUNCIL, LEH.**

**NIT NO: 40
DATED: 19-09-2011**

Sealed tender/offers duly affixed with Revenue Stamps worth Rs.5/= (Rupees Five Only) are invited by Deputy commissioner/Chief Executive Officers, LAHDC, Leh on behalf of the Governor of Jammu & Kashmir for **"Supply & Installation of 2250Nos Solar Dish Cooker in the Leh District of Jammu & Kashmir"**.

The detail tender documents containing broad specification and schedule of works can be had from the office of the Project Director, Ladakh Renewable Energy Development Agency (LREDA), Leh on payment Rs. 1000 (Rupees One Thousands only). The tender documents can also be downloaded from <http://www.leh.nic>, or www.ladakhenergy.org but payment should be made then and only then tender shall be accepted.

The tender documents duly completed in all respects addressed to the Deputy Commissioner/Chief Executive Officer, LAHDC, Leh should reach this office on or before 17-10-2011 upto 1.00 P.M, which shall be opened 18-10-2011 on the same day or any other day convenient to the members of the committee in presence of the tenderers/their authorized representative who may like to be present at the time of opening.

The Deputy Commissioner/Chief Executive Officer, LAHDC, Leh reserves the right to accept or reject any tender without assigning any reason thereof.

sdf
**Deputy Commissioner/
Chief Executive Officer,
LAHDC-Leh.**

Dated: 23/09/2011

NO:-DCL/Acctts./LREDA/(108)

Copy to the :-

1. Project Director, LREDA,Leh for information.
2. Technical Director, NIC, Leh with the request to put the NIT on official website.
3. Joint Director, Information, J&K Srinagar/Jammu with the request to kindly publish the NIT in one leading National and one state English News Paper.
4. Notice Board, Deputy Commissioner Office, Leh.
5. _____ for information.

Shermy
**Account Officer,
Deputy Commissioner/CEO,
LAHDC-Leh**

OFFICE OF THE DEPUTY COMMISSIONER/ CHIEF EXECUTIVE OFFICER
L.A.H.D.C, LEH-LADAKH.

NIT NO: 40

For and on behalf of the Governor of J&K sealed tenders affixed with Rs.5/= revenue stamps are invited from reputed MNRE approved Solar Cooker manufacturers/their authorized dealers for supply of Solar Dish cooker(Domestic) in the Leh District. The Company must have manufacturing facilities for Solar cooker in India. The tenders should be addressed to the **Deputy Commissioner/C.E.O, L.A.H.D.C, Leh, Ladakh J&K** and should reach the office of the same on or before **17-10-2011 till 1:00p.m** as per the following terms/conditions and specifications.

S.No.	Particulars	Nos	Earnest Money	Cost of Tender Document	Last date for issue of Tender
1.	Solar Dish Cooker (Domestic)	2250	2,70,000	1000/-	16-10-2011

1. Minimum criterion for bidding

The bidder must have following minimum criterion for bidding:

- a. The successful bidder must establish his service/spare parts centre in Leh.
- b. The bidder must be total integrated system designer and manufacturer.
- c. The bidder must be from MNRE enlist of suppliers/manufacturers.
- d. Bidder must submit a sample of Solar cooker along with the tender. The tender without the sample will not be entertained.
- e. Product must be approved or tested from Regional Test Centres of MNRE.
- f. The bidder must have annual turnover of Rs 1 million in last financial years.
- g. All information of the tender shall be in English, information in any other language will be accompanied with its translation in English. Failure to comply with this may disqualify the tender.

Experience of the Bidder

A comprehensive list of past projects implemented, by the bidder in India or abroad, indicating clients, dates, size of projects and any other relevant material should be included in the offer.

Documentation

One set of installation manual / user manual shall be supplied along with the each system. The manual shall include complete system details of operation, maintenance, schematic of the system and working principle etc. Step by step maintenance and troubleshooting procedures shall be given in the manuals.

I. INSTRUCTIONS, TERMS AND CONDITIONS:

1. The tender should be in three parts viz. **part I, part II part III** as described in clause 2 below should be in a separate envelope duly super scribed as **part I, part II and part III** , **NIT No:-** and due date. Sealed envelopes containing all the three parts should then be placed in a bigger envelope, which should be sealed, and super scribed by the given **NIT No:-40**, due date and name of the tendered.

Clause 2.

2. **PART I:** - Part I of the tender should be super scribed as “**part I, technical details for NIT No:-40**” and should contain

Technical Details in accordance with the Annexure I:

- a) The bidder must have solar cooker manufacturing facility in India necessary certificate to be enclosed.
- b) The bidder must have experience of supplying, installing and commissioning of solar cooker for last one years in India and may given preference those companies who have successfully installed such solar cooker in India. List & Purchase order copy & performance certificate must be enclosed.
- c) The successful bidder must establish his service/spare parts centre in Leh. Details of service center to be submitted before finalizing the supply order.
- d) The bidder must be total integrated system designers and manufacturer. Necessary document to be enclosed.
- e) The bidder must be from MNRE enlist of suppliers/manufacturers.
- f) Product must be approved or tested from Regional Test Center of MNRE.

3. **PART II:** Part II of the tender should be superscribed as “**Part II, Commercial bids for NIT NO:-40**” and should contain

To qualify for award of contract each bidder should submit their certificates of prequalification documents (Commercial bids) in a separate envelope. The same shall be opened first; missing of any certificate shall not be entertained for bidding purpose. The envelope should content the following certificates and proof.

- a. Registration card.
 - b. Audit balance sheet for last financial year.
 - c. Proof of earnest money.
 - d. The bidder must have annual turnover of Rs.1 million in last financial years, proof of the same to be enclosed.
 - e. All the above certificates/documents shall be submitted by the firm duly signed with the seal and should be duly attested from gazzeted officer.
4. **PART III:** Part III of the tender should be super cribed as “**Part III, price bid for NIT NO:-40**” in accordance with the Annexure-II and should contain the price bit for the product as per the bill of material for each solar cooker, & strictly as per the price bid format given in the NIT.

5. Authorized dealers of the company can also be participate in the tender.

6. The tender is for **RATE CONTRACT** and the rates **F.O.R. LREDA OFFICE, Leh** District shall be approved. Work orders from time to time as per beneficiary demand and requirement will be awarded from Offices of LREDA to any firm so approved at the approved rates and should be addressed to **The Deputy Commissioner/Chief Executive Officer, LAHDC Leh**. Both inner and outer covers duly sealed and super scribed and sent either under registered cover or cast in the box kept in the office of the **Deputy Commissioner/CEO, LAHDC Leh**.
7. The tenderer shall ensure timely receipt of tender in the office of the **Deputy Commissioner/CEO, Leh**, the tenders received by hand or by post after due date of receipt of tenders shall not be entertained even if the tender has been posted/ dispatched much before the due date of receipt.
8. The tenders will be opened on **18-10-2011** in the office of the **Deputy Commissioner/CEO Leh**, on the date of opening of the tenders only the technical and the commercial parts (part-I & part-II) shall be opened in the presence of the tenderers who may be present, the price bid (part-III) shall be opened only in case of such tenderers who on scrutiny of part-I & part-II of their offer are found to have qualified for opening of the price bid on the same day at the D.C's office or any other day at the discretion of the purchasing committee. In case the due date of opening of the tenders falls on a holiday being declared subsequently, the tenders will be opened on the next working day.
9. Tenders must be complete in all respects; all the terms and conditions of tender including the technical specifications should be carefully studied for the sake of submitting complete and comprehensive tender documents. Failure to comply with any of terms and conditions or instructions of the offer with insufficient particulars which is likely to render fair comparison of tender as a whole impossible may lead to rejection even if otherwise it is a competitive offer/tender.
10. Telegraphic tenders or the tenders of such tenderers who have not purchased tender document shall not be entertained. Any request by post or by hand or telegraphically for any modification addition or deletion etc. in the tenders shall not be considered.
11. The tenders shall be prepared in a formal manner with all quotations written both in figures & words. The tenders shall be typed or written in ink, any tender written by pencil shall be rejected. There shall be no erasures or overwriting and if corrections are made the same shall be neatly done and attested. A systematic form of totaling shall be adopted to avoid any ambiguity. The detailed description of the equipment offered shall be given Rank charge, if any shall be debited to the account of the tenderer.
12. The tenderer shall furnish an affidavit duly attested by notary that design of their equipment is free from legal encumbrances and that no legal case of any kind of litigation regarding the patent design is pending in any court of law.
13. No tenderer unless otherwise specified in these specifications, terms and conditions shall be exempted from depositing earnest money.

14. The successful bidder/tenderer must establish full fledged service center with sufficient stock of components for immediate replacement/repair.
15. No claim shall be laid against the department either in respect of interest or depreciation in value for the amount of security deposit and or earnest money. In the case of bank deposits the department shall not be responsible for any loss on account of failure of the bank.

II. SPECIAL INSTRUCTIONS:

- a. Tenders not submitted on the lines indicated above are liable to be rejected without any correspondence.
- b. Request for extension in last date of receipts of tenders is likely to be ignored.
- c. The purchaser reserves the right to order additional quantity or reduce the quantity of the material, advertised at the time of placement of order for which the quoted rate shall be valid.
- d. All legal proceedings in connection with the order tender will be subject to the jurisdiction of local court of Jammu and Kashmir State alone.
- e. The purchaser reserves the right to divide the target between two or more tenders for 100% achievement.
- f. In case of any doubt, dispute or differences arising out of the contract, the same shall be referred to the F.C Planning and Ladakh Affairs Department J&K Government for the decision under J&K State Arbitration Act.
- g. The purchaser shall not be bound to accept the lowest or any tender and reserves to itself the right of accepting the whole or a portion of any of the tender, as it may deem fit, without assigning any reason thereof.
- h. Any form of canvassing by the tenderers to influence the consideration of their tender shall liable to summery rejection.
- i. In order to avoid delay caused by postal correspondence and to expedite the process, the purchaser may require the successful tenderer to hold technical & commercial negotiations and convey the decision/acceptance on behalf of the tenderer, with the Purchase Committee.
- j. The condition hereafter deal with systems details and supplementary conditions of the contract in addition to those stipulated in foregoing clauses which along with schedules and annexure, shall be deemed to form part of detail specification for equipment. The tenderer are advised to study and familiarize themselves with the terms & conditions of the tender.
- k. All material shall be of the best quality in the market and be capable of satisfactory operation when exposed to the local atmospheric conditions (winter temperature of -35Degree).
- l. The tenderer is required to submit a statement of facts in details as to their previous experience in performing a similar or comparable work and business and technical similar or comparable work and business & technical organization. Financial resources and manufacturing facilities available to be used in performing the contract.
- m. Force major clause shall apply.
- n. No other conditions except those mentioned above will be acceptable.

III. EARNEST MONEY:

- a. Tenders other than those indicated at the clause '2' above shall be accompanied with the earnest money **Rs.2,70,000.00(Rupees Two lakh seventy thousand only)** in the form of CDR/FDR/DD/BG from J&K Bank or State Bank of India pledged to the **PROJECT DIRECTOR,LREDA-LAHDC ,LEH-LADAKH .**
- b. Tenders not accompanied with the required amount of earnest money will be rejected and their price bid shall not be opened.
- c. The earnest money of the tenderers shall be forfeited if they withdraw their tender or raise the prices of their offer within the validity period. The earnest money shall also be forfeited in case of the tenderers who do not comply with the purchase order placed on them within the validity period of the offer or violate any terms and conditions contained herein for this, purchase order shall be deemed to have been placed from the due date of letter of intent.
- d. Earnest money deposit shall be released in favour of the unsuccessful tender(s) within one month after the final acceptance of the tender.

IV. SECURITY DEPOSIT:

- a. The successful tenderer(s) shall be required to furnish security deposit equivalent to 10% of the value of the contract in the CDR/FDR/bank guarantee from J&K Bank or State Bank of India pledged to the **PROJECT DIRECTOR LREDA-LAHDC, Leh** for the period of warranty i.e. 2 years from the date of receipt.
- b. Security deposit shall be furnished within one month from the date of detailed purchase order. Failure to do so within the stipulated period will make the contract liable for cancellation together with forfeiture of EMD at the discretion of chairman purchase committee LAHDC, Leh. The EMD of the successful tenderer(s) equivalent to Rs 2,70,000.00 of the contract shall be released after the 2 years of the warranty period.

V. WARRANTY:

- a. The Solar cooker(Reflectors) supplied shall be warranted for a minimum period of five years and that of frame and structure must be of twenty years from the date of supply of the system.
- b. The supplier shall be responsible to replace free of cost (including transportation and insurance expenses) to the purchaser whole or any part of supply which under normal and proper use become dysfunctional within one month of issue of any such complaint by the purchaser during the two years of warranty period.
- c. In case the supplier fails to rectify/replace the defective/damaged equipment including transit damage, shortages within one month from the date of intimation of such shortage/damage, they shall have to pay interest to **PROJECT DIRECTOR, LREDA-LAHDC,Leh-Ladakh** @3% per month on the value of such materials.

VI. MAINTENANCE CONTRACT:

The Supplier shall be responsible for the maintenance of the systems for a period of 2 years of warranty period from the date of commissioning of the systems. The price quoted by the supplier should include the warranty/maintenance for 2 years.

Scope of maintenance contract:

Replacement/repairing of all defective components if any during the 2 years of Warranty period should be free of cost. Necessary spares to be maintained at Leh for smooth operation of the solar cooker.

VII. TAXES ETC:

- a. The rates offered by the tenderer for supply and installation of the equipment should be F.O.R LREDA Office Leh.
- b. Income tax and service tax will be deducted at source.

VIII. DELIVERY OF SOLAR COOKER

- a. The bidder shall indicate the time along with the offer and shall be mutually agreed at the time of order finalization.
- b. Delivery of the equipment should commence within one month from the date of placement of order.
- c. In case of failure to deliver in full the required supplies on order, the purchaser shall have the right to make a risk purchase at the cost of supplier and/or cancel the contract and claim reasonable compensation/damages. The contract of supply shall be repudiated if the supplies are not made within the prescribed period and to the satisfaction of the purchase officers.

IX. VALIDITY:

The tender should be unconditionally valid for a period of three years from the date of opening of the tenders. The quoted price per system as such shall be firm and not variable with the market price. The rates approved as per the NIT year would be valid for further purchase of the systems during in case the MNES enhances the target. Any tenderer revising the offer within the validity period, without prejudice to other remedies available with the department is likely to be blacklisted.

X. PAYMENT SCHEDULE:

25% shall be made as advanced payment to the successful, subject to the submission of a bank guarantee from J&K Bank or State Bank of India for an equal amount valid for a period of one year atleast. Another 70% shall be released on receipt of the material at the site. 5% will be released after the 2years warranty period, and after receiving successful maintenance report receipt by the village nambarder.

XI. PENALTY:

In case of failure on the part of the tenderer to make supplies and execute the work in full, part thereof within the delivery schedule stipulated in the purchase order, penalty @ 0.5% per week of undelivered portion subject to a maximum of 15% of the cost of undelivered portion shall be levied.

XII. CHANGES:

No variation or modification or waiver of any of the terms and provisions of these specifications shall be deemed valid unless mutually agreed upon in writing by both the purchaser and the supplier.

XIII. PACKING:

All materials shall be suitably packed and should conform to the relevant ISS/Railway rules for transporting direct to the LREDA Office,Leh. And the supplier shall be responsible for all the damages/losses due to improper packing. All crates shall be marked with proper signs indicating UP and DOWN sides of the packing and also unpacking instructions considered necessary by the supplier.

XIV. MATERIAL INSPECTION:

The material inspection shall be done at the factory location before shipment of the material from factory location. The material inspection charges (boarding /lodging) for two representatives from LREDA have to be born by the successful tenderer.

XV. AGREEMENT:

The successful tenderer(s) shall be required to execute an agreement on a valid stamped paper for strict compliance of the terms and conditions of the contract, vis-à-vis the NIT and the supply order within seven days of placement of the order.

XVI. Technical specification refer annexure I

XVII. Bill of material refer annexure II

Sd/-
Deputy Commissioner/
Chief Executive Officer
LAHDC,Leh

ANNEXURE I

TECHNICAL SPECIFICATIONS OF SOLAR DISH COOKERS

S. No.	Element /Parameter	Specifications
1.	Configuration	Paraboloid dish, made of single reflector, or by joining smaller pieces of reflector, fixed firmly to rigid frame. Size and shape of the dish shall be such that when exposed to sun in the normal direction, a point focus would be formed.
2.	Aperture shape	Circular/ square/ rectangular
3.	Dish diameter	1.4m, minimum
4.	Aperture area	1.5 square meter (minimum)
5.	Reflector material	<ul style="list-style-type: none">• Anodized Aluminum with minimum thickness of 0.4 mm.• Glass mirrors, thickness about 3mm, with suitable protective layer on back to minimize degradation of the reflective coating due to weathering.
6.	Method of fixing of reflector with the supporting frame	Reflector may be tied with the supporting frame using nuts and bold of adequate strength with good quality clamp
7.	Reflectivity	>80% (minimum)
8.	Life	5 Years-minimum for Reflector 20 Years-Frame and structure
9.	Supporting frame of the dish	<ul style="list-style-type: none">• Made either of 3Nos MS rings supported by 4Nos MS strips of thickness 3mm.• Rigid enough to resist any deformation of the dish shape due to wind pressure or manual handling.• The MS structure will have epoxy/anti-rust coating.
10.	Stand for the dish: Hollow rectangular MS of 40x40mm	<ul style="list-style-type: none">• Made of MS with epoxy/powder coating of thickness 3mm• Equipped with an arrangement to hold cooking pot of different sizes.• Having a suitable provision to secure the cooker to the ground.

11.	Tracking Mechanism	<ul style="list-style-type: none"> • Manual tracking system allowing unrestricted rotation of the dish along its horizontal and vertical axis enabling its adjustment in the normal direction to the sun rays. • Provision of locking arrangement to hold/fix the dish at a desired position. • Equipped with an arrangement to (may be in the form of a vertical pointer) to enable users to position the dish in a direction normal to the sun rays • Caster wheels with proper braking mechanism to be provided for easy maneuvering.
12.	Other requirement.s	<ul style="list-style-type: none"> • The entire structure should be able to withstand wind pressure up to a speed of 60km per hour without damage. • All parts /components should be weather resistant and able to withstand degradation due to climatic conditions for a period of 15 years (except for reflecting mirrors which may require replacement early). • Accessories, like cap, hand gloves, goggles, manual for its installation and proper use, and tool kit for installation will also be supplied. • Two-year warranty for the whole system with free service for repair/replacements of parts.

ANNEXURE-II

BILL OF MATERIAL FOR-SOLAR DISH COOKER

S.No	Element/Parameter	Quantity	UOM
1.	Reflectors Sheet(Anodized Aluminium)	1	Set
2.	Supporting frame and bowl: a. 3Nos MS rings of thickness 3mm b. 4Nos MS strips of thickness 3mm	1	Set
3.	Cooker Stand of hollow rectangular of 40x40mm of thickness 3mm	1	Set
5.	Clutch Plate/Brake unit	1	Nos
6.	Shadow Indicator Needle	1	Nos
7.	Caster Wheels Unit	1	Set
8.	Assembly Tool Kit	1	Set
9.	Bolts & Nuts	As per requirement	
10.	Grill for Pot	As per requirement	
11.	Assemlby Manual	1	Nos

PRICE BID FORMAT FOR SOLAR DISH COOKER:

S.No	Description	Cost/Unit
1.	Supply of Solar Dish Cooker (Circular/Rectangular/Square) at LREDA-LAHDC, Leh As per the Annexure-I and Annexure-II of the tender	
2.	Supply & Installation of solar dish cooker at various sites of Leh district	