

INVITATION FOR TENDERS

Tender No. NAL/PUR/ELK/069/22-Y

Dated: 24/06/2022

CSIR - National Aerospace Laboratories (NAL), Bengaluru, Republic of India, is one of the premier research laboratories under aegis of Council of Scientific and Industrial Research (CSIR), an autonomous body under the Department of Scientific and Industrial Research, Government of India, New Delhi. CSIR-NAL is a Science and Knowledge based Research, Development and Consulting Organisation. It is internationally known for its excellence in Scientific Research in Aerospace Engineering.

The Director, CSIR-NAL invites online quotation for procurement of the following item(s) for day to day research work.

Sl. No.	Description of Item(s)	Unit	Quantity
1	Supply, installation, testing and commissioning of solar power fencing. (Please refer annexure for detailed specification)	Set	1

Single / Double Bid	Single	Tender Type	Open
Bid Security (EMD) (in INR)	Bid Security Declaration should be enclosed with quotation	Bid submission end date	18-Jul-2022 10.00 Hrs
Performance Security	Nil	Bid opening date	19-Jul-2022 11.00 Hrs

01. Tender Documents may be downloaded from Central Public Procurement Portal <https://www.etenders.gov.in>. Aspiring Bidders' who have not registered in e-procurement can register free of cost before participating through the website <https://www.etenders.gov.in>. Bidders are advised to go through instructions provided at 'Instructions for Online Bid Submission'.
02. Tenderers can access tender documents on the website (for searching in the NIC site <https://www.etenders.gov.in>, kindly go to Tender Search option, select tender type and select 'Council of Scientific and Industrial Research', in organisation tab and select NAL-Bengaluru-CSIR in department type. Thereafter, Click on "Search" button to view all CSIR-NAL, Bengaluru tenders). Select the appropriate tender and fill them with all relevant information and submit the completed tender document online on the website <https://www.etenders.gov.in> as per the schedule given in the next page.
03.
 - a. Global Tender Enquiry: Either the Indian Agent on behalf of the Foreign principal or the Foreign principal can bid directly in a tender but **not** both. However, the offer of the Indian Agent should also accompany the authorisation letter from their principal. To maintain sanctity of tendering system, one Indian Agent **cannot** represent two different Foreign principals in one tender
 - b. Open Tender enquiry: Only Local suppliers with prescribed local content as detailed in DIPPT Order No. P-45021/2/2017-PP (BE-II) dated 16th Sep, 2020 and subsequent orders issued by Ministry of Finance (GoI) from time to time, are eligible for bidding. Bidders must enclose the certificate declaring the local content of supplies as per our standard form.



CSIR-National Aerospace Laboratories, Bengaluru-560 017, INDIA

Note: Kindly refer to the first page (NIT) for tender type (i.e. Open Tender Enquiry / Global Tender Enquiry) and submit your bid accordingly.

04. Unsolicited / conditional / unsigned Quotations/Quotations received after the due date and time shall be summarily rejected. The Bidder shall comply the terms and conditions of the tender, failing which, the offer shall be liable for rejection.
05. The bids' failing to comply with the following clauses will be summarily rejected.
 - a. The Bidders' proposing to supply finished products directly/indirectly from vendors' of countries sharing the land border with India should submit a copy of registration done with DPIIT.
 - b. If the products supplied are not from vendors of countries sharing land border with India, the Bidders' have to enclose a declaration to that effect.
06. As per Govt. of India procurement policies,
 - a. The purchaser intends to give purchase preference to local supplies (Preference to Make in India) in case the cost of procurement is up to Rs. 50.00 lakhs.
 - b. The procuring entity intends to give purchase preference to products/goods manufactured by micro, small and medium enterprises.
07. Bidders' are requested to refer to the instructions regarding Procurement Policies for "Make in India", issued by Ministry of Commerce and Industry, Department of Industrial Policy and Promotion dated. 28-May-2018, and 4-Jun-2020 and guidelines as and when issued.
08. Kindly, note CSIR-NAL **GST No. 29AAATC2716R1ZB**. And the bidders' are requested to furnish their GST No. in their invoice failing which we will **not** be able to make timely payment.
09. Printed conditions, if any, submitted along with your quotation shall not be binding on us.
10. The prospective bidders' are requested to refer to the Standard Terms and Conditions available on NAL Internet (www.nal.res.in) under the icon Tender-Purchase before formulating and submitting their bids'.
11. The Director, CSIR- National Aerospace Laboratories, Bengaluru reserves the right to accept any or all the tenders either in part or in full or to split the order without assigning any reasons there for.

Yours faithfully

Stores & Purchase Officer
For and on behalf of CSIR-NAL

Sl. No.	Specification
1	<p>Supply installation, testing & commissioning of Solar Power fencing system of length 500 meters consisting of following specifications.</p> <p>Fence: 12 SWG ACSR high tensile wire heavily galvanized with zinc. Polypropylene plastic rated reel insulators for 10kV UV stabilized. Corner post strain insulators made of high quality Polycarbonate or Virgin Nylon rated for 10KV UV Stabilized. Permanent Wire tighteners made of special aluminum alloy designed for 10 kV UV stabilized, Joint Clamps, Earth kits, Warning boards and DI cable.</p> <p>Poles: 30mm X 30mm Square type poles over the length of fence and 50mm X 50mm Square poles at Corner, 25mm OD Round supporting poles (Hot dip galvanized coating)</p> <p>Control Unit: 1. Energizer of make : Crown or equivalent Input voltage: 12V DC Input current: 500 mA Output voltage: 9.9 kV on no load Pulse interval: 1.2 second Pulse duration: 0.03 second Output energy: 2.5 Joules 2. Battery – 12V 100Ah rechargeable Maintenance-free Lead Acid Battery of make EXIDE. 3. Solar Module – MNRE approved make Solar PV module panel of rating 12V,40/80W for battery charging. 4. Alarm system 12V DC Siren of 90 dB 5. Charge controller 6. Live light 7. Lightning diverter, Neon tester and Module stand.</p> <p>The Electric fencing shall contain 13 lines with height of 4 feet above the wall. The poles shall be installed at a distance of 2 to 3meters. The electric fence shall be erected using necessary grouting & civil works with all necessary angle iron frames and fasteners etc. all complete as per the site requirement. The electric fencing shall be provided with alarm system in case of any intrusion/ burglar/unwanted activation of the fence shall be suitably warned with audio alarm system at control unit. Warning/caution signboards shall be placed at every pathway over the line of electric fence. Sections shall be maintained at every 250 meters of fence length for easy trouble shooting. Two maintenance free earth pits with suitable size GI strip shall be installed on ground/ surface for energizer as per the site requirement. Additional two each earth pit with necessary GI strip shall be provided for every 250 meter interval of fence length as per the site requirement. The electric fence shall comply with all the standards IS 302-2-76 (1999): Safety of Household and Similar Electrical Appliances, Part 2: Particular Requirements, Section 76: Electric Fence Energizers ETD 32: Electrical Appliances. All the above components/ equipment's shall get approval from Engineer in charge before supply.</p>

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24/06/2022

BID-SECURING DECLARATION FORM

Date: _____

Bid No. _____

To (insert complete name and address of the purchaser)

I/We. The undersigned, declare that:

I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of one year from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We

(a)	have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or
(b)	having been notified of the acceptance of our Bid by the purchaser during the period of bid validity
	(i) fail or refuse to execute the contract, if required, or
	(ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

Signed: (insert signature of person whose name and capacity are shown)
in the capacity of (insert legal capacity of person signing the Bid Securing Declaration).

Name: (insert complete name of person signing the Bid Securing Declaration)

Duly authorized to sign the bid for an on behalf of: (insert complete name of Bidder)

Dated on _____ day of _____ (insert date of signing)

Corporate Seal (where appropriate)

Note:

1. In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid.
2. Bid Security declaration must be signed in by the Proprietor/CEO/MD or equivalent level of Officer of the company.