



सी एस आई आर-केन्द्रीय यांत्रिक अभियांत्रिकी अनुसंधान संस्थान CSIR - CENTRAL MECHANICAL ENGINEERING RESEARCH INSTITUTE

(सी०एस०आई०आर० का एक संघटक संस्थापन, भारत सरकार) (A Constituent Establishment of CSIR, Govt. of India)
महात्मा गांधी एवेन्यू,
दुर्गापुर - 713209, भारत



CSIR-CMERI

Mahatma Gandhi Avenue
Durgapur - 713209, India

TENDER DOCUMENT

CSIR-CMERI GST No. 19AAATC2716R2ZB

No. PUR/319/ERTG/08/2018-19/E

Dated: 04.10.2018

Sub	Procurement of Electrical Components for Solar Tree (Details are as per Annexure-I)
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- E-Bids are invited through the electronic tendering process and the Tender Document can be downloaded from the e-Tender portal of Government of India, <https://etenders.gov.in>. Please note that the submission of e-Bids will be only through the e-Tender portal <https://etenders.gov.in>. Bids will not be accepted in any other form. Further it may be noted that Bids which are duly submitted on e-Tender portal shall only be considered and Bids just saved without submission will not be available to the Evaluation Committee of CSIR-CMERI.
- Any Bidder willing to take part in the process of e-tendering will have to get registered in the Central Public Procurement [CPP] portal, NIC, Government of India, by logging on to the portal <https://etenders.gov.in>. Bidders are requested to go through "Bidder Manual Kit", "System Settings" & "FAQ" links available on the login page of the e-Tender portal for guidelines, procedures & system requirements. In case of any technical difficulty, Bidders may contact the help desk numbers & email ids mentioned at the e-tender portal. Every Bidder will be required to obtain a Class-III Digital Signature [DSC] for submission of Bids.

TERMS AND CONDITIONS

In these Terms and Conditions, the following words and expressions shall have the meaning as have been respectively assigned to them:

Bidder shall mean the entity submitting an e-Bid in response to this Tender Document.

CSIR-CMERI / Purchaser / Institute shall mean CSIR-Central Mechanical Engineering Research Institute, [a constituent unit of the Council of Scientific & Industrial Research] having its office at MG Avenue, Durgapur – 713 209 [West Bengal], India.

Vendor/Supplier shall mean the entity whose bid has been accepted by the Purchaser and a formal Purchase Order has been placed on them.

1. SUBMISSION OF BIDS

- 1.1. The e-Bid shall be digitally signed by the Bidder at the e-tendering portal by person / persons duly authorized to bind the Bidder to the contract. Written Power –of – attorney [if required under the Bidding Process] should accompany the Bid. The person or persons signing the e-bid shall also physically sign each document of the Bid, except for printed literature. The e-Bid submitted shall be in readable form and encrypted as per e-tendering portal requirements. Standard Printed terms and conditions of the Bidder other than the NIT conditions shall not be considered.

INTERNET : <http://www.cmeri.res.in>, CMERI Telephone Directory : <http://www.cmeri.res.in/directory>
Help Desk : +91-343-6510 702, Fax : +91-343-254 8204, Administration : +91-343-6510 301 / 254 4282, Fax : +91-343-254 5491
Business Development Group : +91-343-6510 327, E-mail : pme@cmeri.res.in
Stores & Purchase : +91-343-6510 333 / 332, Fax : +91-343-254 6586, E-mail : pur@cmeri.res.in
Working Days : Monday – Friday, Working Hours : 09:30 - 18:00

1.2. The e-Bid shall be submitted in a single cover and shall consist of the following Documents:

Sl. No.	Document Required	Document type
1	Scanned Quotation with complete technical details duly signed by Bidder , terms & conditions, price etc.	.pdf
All the above scanned documents must be e-signed prior to being uploaded and saved in the system		

- 1.3. The bidders shall digitally sign and encrypt their bid and upload the bid on –line at the e-Tendering portal.
- 1.4. If the envelope is not digitally signed & encrypted the Purchaser shall not accept such open Bids for evaluation purpose and shall be treated as non-responsive and rejected.
- 1.5. Purchaser shall receive the bids online through CPP e-portal only. The e-Tender portal shall automatically stop accepting bids at the scheduled date and time specified in the Tender Document. Partially submitted bids shall be treated as invalid and shall not be processed. Bidders are advised to upload and submit their bids timely in view of the electronic process so as to avoid list minute issues.
- 1.6. Purchaser may, at its discretion extend the deadline for submission of the e-Bids by amending the Tender Documents in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.
- 1.7. Bidders must note that the e-tender portal shall not permit uploading of bids after the scheduled time of submission.
- 1.8. The bidder may correct or modify his digitally signed bid after submission prior to the deadline for submission of bids, through provisions of e-tendering portal.

2. PRICES :

2.1. For Goods manufactured and Supplied from within India:

Prices shall be offered with the following break-up :

Basic Price /Ex Works	
Packing & Forwarding	
Goods & Services Tax (GST)	
Freight , Insurance and any other charges incidental to delivery of Goods at CSIR-CMERI, Durgapur	
Charges for Installation, Commissioning and Training if applicable	
Charges for Warranty Support	

2.2. For Goods manufactured and Supplied from outside India :

Prices shall be offered with the following break -up:

Ex Works Price [inclusive of packing]	
Inland Freight and Insurance till airport of despatch	
Freight And Insurance for transportation of the Goods from Port of Despatch to Port of destination	
Charges for Installation, Commissioning and Training if applicable	
Charges for warranty support	
Note : Delivery Terms such as FOB, FCA, EXW, CIP, CIF etc. shall be governed by the rules prescribed in the latest edition of INCOTERMS issued by the International Chamber of Commerce, Paris.	

- 2.3. Where there is no mention of packing, forwarding, freight, insurance charges, taxes etc. such offer shall be rejected as incomplete.
- 2.4. The price quoted shall remain fixed during the contract period and shall not vary on any account.
- 2.5. CSIR-CMERI is not empowered to issue concessional sales tax forms [Form C / Form D]. Bidders may quote the appropriate rate of tax wherever legally leviable.
- 2.6. CSIR-Central Mechanical Engineering Research Institute, Durgapur, West Bengal is registered with the Department of Scientific and Industrial Research (DSIR) for purposes of availing Customs Duty exemptions in terms of Notfn. NO. 51/96-Customs dt. 23.07.1996, Notfn. No. 28/2003- Customs dt. 01.03.2003, Notfn. No. 43/2017-Customs dt. 30.06.2017 & Notfn. No. 47/2017-Integrated Tax (Rate) dt. 14.11.2017, Notfn. No. 10/2018-Integrated Tax (Rate) dt. 25.01.2018 and Notfn. No. 45/2017- Central Tax (Rate) dt. 14.11.2017 Notfn. No. 45/2017- Union Territory Tax (Rate) dt. 14.11.2017 & Notfn. No. 9/2018- Central Tax (Rate) dt. 25.01.2018, Notfn. No. 9/2018- Union Territory Tax (Rate) dt. 25.01.2018, as amended from time to time for research purposes only.
- 2.7. The purchase order shall be issued to the lowest evaluated bidder (L-1 bidder). The L-1 bidder shall be determined on the final landed cost quoted by the bidders.

3. PAYMENT

3.1. For Supplies made from within India :

- 3.1.1. Payment shall be made within 30 days of completion of installation and commissioning of the goods to the complete satisfaction of the User Division of CSIR-CMERI and completion of other contractual obligations.

4. DELIVERY

- 4.1. The goods / equipment is required to be delivered within 15 days and the exact delivery time required from the date of receipt of L/C or Purchase Order may be indicated in the bid. If the supplier fails to deliver the ordered material(s) within the delivery schedule as agreed upon, a sum equivalent to 1 (one) per cent of the order value for each week of delay or part thereof until actual delivery, will be deducted from the order value as liquidated damages, subject to a maximum deduction of 10 (ten) per cent of the order value. And, on attainment of maximum, termination of the contract may be considered by CSIR-CMERI.

5. RISK PURCHASE

- 5.1. If the supplier fails to deliver the ordered material(s) within the maximum delivery period specified in the purchase order, CSIR-CMERI may procure such item(s) and in such a manner as deemed appropriate, goods or services similar to those undelivered and the supplier will be liable to the institute for any excess costs for such similar goods or services.

6. INDIAN AGENT

- 6.1. **Foreign bidders to disclose the name and address of agent and representative in India and Indian bidder to disclose their foreign principal or associates.**
- 6.2. **In case an Indian Agent is directly submitting a bid on behalf of its Principals, a copy of the Authorisation Certificate issued by the Principals in favour of the Indian agent should be furnished along with a certified copy of the Agency Agreement (Between the Principal and the Indian agent). Both these certificates should be up-to-date and valid.**
- 6.3. Agency Commission, if any, payable to the Indian agent will be released within 60 (sixty) days of completion of installation and commissioning of the equipment to the entire satisfaction of the buyer.

For determining the value of agency commission, exchange rate of foreign currency prevailing on the date of negotiation of documents, will be taken into consideration.

- 6.4. In a tender either the Indian agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender.
- 6.5. If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.

7. INSTALLATION, COMMISSIONING AND TRAINING (Wherever required)

- 7.1. The ordered goods are required to be installed within 30 days of receipt of goods at this Institute. Installation should be carried out only by expert engineers of Supplier / Manufacturer at Free of Cost basis. During the course of installation, necessary training on operation and maintenance of the goods shall be imparted to Institutes, Scientist / Engineers/Technicians.

8. WARRANTY (Wherever required)

- 8.1. Comprehensive warranty of one (01) year must be provided to be effective from the date of completion of installation and commissioning and final acceptance of the equipment at the user's laboratory.

9. COUNTRY OF ORIGIN

- 9.1. Tenderer should mention the country of origin and the country from which goods will be finally shipped by the Local Chamber of Commerce shall be required to be submitted in case such a condition is stipulated in the Purchase Order.

10. VALIDITY OF BIDS

- 10.1. The offer should be valid for at least 90 days from the date of the quotation.

11. LIST OF PURCHASERS

- 11.1. Please indicate names and addresses of organisations to whom you have supplied identical or similar type of equipment during the last 3 years along with the details of such supplies and prices eventually or finally paid.

12. SETTLEMENT OF DISPUTES AND ARBITRATION

- 12.1. The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Purchase Order / Contract. If, after twenty-one (21) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. .
- 12.2. Disputes or differences shall be settled in accordance with the Indian Arbitration & Conciliation Act, 1996, the rules there under and any statutory modifications or re-enactments thereof shall apply to the arbitration proceedings. The dispute shall be referred to the Director General, Council of Scientific & Industrial Research and if he is unable or unwilling to act, to the sole arbitration of some other person appointed by him willing to act as such Arbitrator. The award of the arbitrator so appointed shall be final, conclusive and binding on all parties to this order.
- 12.3. In the case of a dispute between the purchaser and a Foreign Supplier, the dispute shall be settled by arbitration in accordance with provision of Clause 12.2 above. But if this is not acceptable to the Supplier then the dispute shall be settled in accordance with provisions of UNCITRAL (United Nations Commission.

12.4. The venue of the arbitration shall be the place from where the purchase order or contract is issued.

12.5. Notwithstanding any reference to arbitration herein,

(a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and

(b) the Purchaser shall pay the Supplier any monies due the Supplier.

13. APPLICABLE LAW

13.1. The Contract shall be interpreted in accordance with the laws of the Union of India and all disputes shall be subject to a court of competent jurisdiction in Durgapur, West Bengal, India.

14. Wherever deemed necessary, Bidder shall be at liberty to question the Bidding Document, Bidding process and rejection of its Bid.

Yours faithfully,



Bodhisattwa Dhar
Stores & Purchase Officer

बोधिसत्व धर / Bodhisattwa Dhar
भंडार एवं क्रय अधिकारी / Store & Purchase Officer
सी.एस.आई.आर. - केन्द्रीय यंत्रिक अभियांत्रिकी अनुसंधान संस्थान
C.S.I.R.-Central Mechanical Engineering Research Institute
दुर्गापुर-७१३२०९ / Durgapur-713209

Annexure I

SL No	Material	Specification	Quantity
1	6 Sq. mm Solar DC Cable Red Colour	6 Sq. mm, Tinned Copper, XLPE/XLPO Insulated & LSZH sheathed 1100V AC/ 1800V DC, Standard - TUV 2PFG - 1169/08-2007	400 Mt
2	6 Sq. mm Solar DC Cable Black Colour	6 Sq. mm, Tinned Copper, XLPE/XLPO Insulated & LSZH sheathed 1100V AC/ 1800V DC, Standard - TUV 2PFG - 1169/08-2007	400 Mt
3	MC4 Connector Male-Female, Suitable for 4-6 Sq mm Cable	Minimum Ingress Protection Degree 67 Rated, Current - Maximum Per Contact 30Amp, 1000Vdc, Standard 2PFG 1169/08.07	120 Nos
4	Copper Armoured Cable 10Sq. mm, 2 Core	Halogen Free, XLPE Insulation, Copper Conductor, 1100V	100 Mt
5	MCB 4 Pole 32 Amp, 415Vac, 10kA	4 Pole, D Curve MCB, ISI marked as per IS/IEC 60898-1, DIN Rail Mounted; Terminals:- Suitable for copper and aluminum cables, compatible with cables upto 35 Sq. mm cross section area	2 Nos
6	MCB 4 Pole, 16 Amp, 415Vac, 10kA	4 Pole, C Curve MCB, ISI marked as per IS/IEC 60898-1, DIN Rail Mounted; Terminals:- Suitable for copper and aluminum cables, compatible with cables upto 35 Sq. mm cross section area	2 Nos
7	Thermoplastic Circuit Breaker Box with 4 Nos Nylon (Polyamide) Cable Gland (Suitable for 6-13 dia cable)	Suitable for Mounting 4 Pole Two MCB (DIN rail Mounting MCB), Minimum Ingress Protection Degree 65, Weather Proof. Note : Any tool should not require in box for doing manually ON and Off operation of a circuit breaker	2 Nos
8	Lugs for 6Sq. mm Wire, Tinned Copper	Pin, Fork, Ring 100 Nos Each Type	300 Nos
9	Lugs for 10Sq. mm Wire Tinned Copper	Pin, Fork Ring 100 Nos Each Type	300 Nos
10	Thermal Wire Sleeve	6mm Dia	5 Mt
11	10 SQ mm Copper Cable Red, Yellow, Blue, Black, Green	30 mt Each Colour Cable	150 Mt
12	DC Combiner Box 4 In 1 Out,	Total number of fuse require is 4. (Fuse holder with blown fuse indicator, 15 Amp) Push IN Type Modular Terminal Block, SPD Ttype-2, 4 Nos Diode with heatsink minimum 25 Amp	1 No
13	Cable Tag		100 Nos
14	Thermoplastic Cable Junction Box With Cable Gland with DIN Rail plate	Water Proof IP65	2 Nos
15	Terminal Block Suitable for 10mm Sq. wire with Shorting Element		20 Nos
16	Terminal Block Suitable for 6mm Sq. wire with Shorting Element		20 Nos
17	End Stopper Terminal Block with cover		20 Nos
18	Timmer Switch		2 Nos

Borathi
5/9/18

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