



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

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



CSIR-CMERI

TENDER DOCUMENT

No. PUR/440+460/R&A/06/2018-19/P

Dated: 17.12.2018

To
M/s. Maxon Motor Ag.
Brünigstrasse 220, 6072 Sachseln,
Switzerland
E-mail: info@maxonmotor.com

Sub. Supply of Motors and controllers.

Dear Sir,

E- Bids for purchase of the items(s) detailed below are invited through the electronic tendering process 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.

SL. NO.	Description of item/equipment including detailed specifications and summary of its functions	Quantity Required
	Motors and Controllers of following part numbers, description and specifications (Wherever applicable), Make: Maxon Motors AG	
1.	Item 645762: motor EC90 fl.+enc MILE+ Harmonic Consisting of (a) Item 515458: EC motor EC90fl. BL D 160W KL 1WE A Mounting interface for Harmonic Drive (b) Item 621793: ENC MILE 4096IMP 2K (c) Item SCSG-17-100-2UH: SBB Tech Harmonic drive (100:1)	SIX
2.	Item 645765: motor EC90 fl.+enc MILE+ Harmonic Consisting of (a) Item 500269: EC motor EC90fl. BL D 260W KL 1WE A Mounting interface for harmonic drive (b) Item 621793: ENC MILE 4096IMP 2K (c) Item SCSG-20-100-2HU: SBB Tech Harmonic drive (100:1)	SIX
3.	Item 520885: mmc EPOS4 Compact CAN	SIX

4.	Controller Accessories, consisting of (a) Item 354045: Cable with Connector (b) Item 354046: Flat Ribbon Cable with Connector (c) Item 520850: mmc Power Cable High Current (d) Item 520852: mmc Sensor Cable 5x2core (e) Item 520853: mmc Signal Cable 8core (f) Item 520854: mmc Signal Cable 7core (g) Item 520856: mmc RS232-COM Cable (h) Item 520857: mmc CAN-COM Cable (i) Item 520858: mmc CAN-CAN Cable (j) Item 520859: mmc EPOS4 Connector Set	SIX sets
Alternative to sl.no. 3 & 4	OR, other EPOS Series or any other <i>equivalent</i> controller and accessories (Maxon motor proprietary) in place of the items in sl.no. 3 and 4 above for the control and operation of the BLDC motors (in sl.no. 1 and 2 above.) Technical data sheet and specification are to be provided with the offer.	
5.	GEARED DC MOTOR with Encoder and Brake for MBL Make: Maxon Maxon DC Motor RE40 Order No.148867 Power: 150W Nominal Voltage:24V Planetary Gear Ø52 Order No.223111 Ratio: 756:1 Encoder HED_5540 500 Counts per turn, 3 Channels Order No.110514 Brake AB 28 Order No.228384	EIGHT Sets

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. 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.

Sl. No.	Document Required	Document type
1	Scanned Quotation with complete technical details duly signed by Bidder with Prices quoted in the prescribed PRICE SCHEDULE FORM.	pdf

Documents:

The bidders shall digitally sign and encrypt their bid and upload the bid on-line at the e-Tendering portal.

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 said portal. 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.

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.

Bidders must note that the -tender portal shall not permit uploading of bids after the scheduled time of submission.

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.

TERMS AND CONDITIONS

1. PRICES :

1.1. For Goods manufactured and Supplied from within India:

Prices shall be offered with the following break-up :

Basic Price /Ex Works	
Packing & Forwarding	
GST at rates applicable for Public Funded Research Institute registered with DSIR, Government of India.	
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	

1.2. 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	

- 1.3. Where there is no mention of packing, forwarding, freight, insurance charges, taxes etc. such offer shall be rejected as incomplete.
- 1.4. The price quoted shall remain fixed during the contract period and shall not vary on any account.
- 1.5. The purchases made by this Institute, for scientific purpose are paid GST @ 5% against Concessional GST Certificate to be issued by CSIR-CMERI under Govt. of India Notification No. 47/2017- Integrated Tax(rate) Dt: 14 Nov. 2017, Notfn. No. 45/2017 - Central Tax (Rate) dt. 14.11.2017, Notfn. No. 45/2017 - Union Territory Tax (Rate) dt. 14.11.2017 and Customs Duty Exemption in terms of Notfn. No. 51/96 - Customs dt. 23.07.1996.
- 1.6. Customs Duty for Goods imported for Scientific Purpose, is paid by this Institute at a concessional rate vide Govt. of India Notification no. 51/96-Customs dated 22/07/1996.
- 1.7. CSIR-CMERI will not issue any exemption certificates (Customs Duty/GST) for intermediate goods, raw materials etc. that go into production of the equipment/item offered by the bidder.

2. PAYMENT

2.1. For Supplies made from within India :

- 2.1.1. Payment will be made within 30 days of delivery, inspection, installation, commissioning and training of goods to the complete satisfaction of the User Division of CSIR-CMERI and completion of other contractual obligations against submission of pre-receipted bills duly supported with delivery challans, a Performance Security / Performance Bank Guarantee (PBG) for 10% of Purchase Order value/contract price and other necessary documents etc. Payment will be made by e-payment mode only.

2.2. For Supplies made from outside India :

- 2.2.1. An irrevocable Letter of Credit [L/C] shall be opened in favour of the overseas vendor. In case the L/C is required to be confirmed, confirmation charges shall have to be borne by the vendor. The payment will be released in the following two stages :

Stage I : 80% payment shall be made against presentation of shipping documents as stipulated in the L/C.

Stage II : Balance payment shall be made against presentation of Certificate issued by this Institute [CSIR-CMERI], evidencing that the ordered goods have been installed and commissioned to the complete satisfaction of the User Division of CSIR-CMERI and a PS/PBG for 10% of Purchase Order value has been furnished and all other contractual obligations have been fulfilled by the vendor.

- 2.3. All bank charges within India shall be borne by CSIR-CMERI and all bank charges outside India shall be borne by vendor.

3. PERFORMANCE SECURITY/ PERFORMANCE BANK GUARANTEE (PBG)

- 3.1. Supplier shall furnish a Performance Security / Performance Bank Guarantee (PBG) for 10% of Purchase Order value/contract price. In case a PBG is submitted, the PBG is required to be issued by any Nationalized/Scheduled bank of India and shall remain valid till 60 days beyond expiry of the warranty period.

4. DELIVERY

- 4.1. The goods / equipment is required to be delivered within 4-6 weeks 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 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

7.1. The ordered goods are to be installed within 30 days of receipt of goods at this Institute if required. 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

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, for these particulars are essential for establishment of L/C, arranging insurance etc. Certificate of Origin issued by the Local Chamber of Commerce shall be required to be submitted at the time of negotiating the L/Credit, in case payment is made by L/Credit.

10. VALIDITY OF BIDS

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

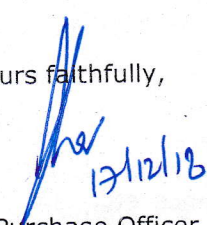
given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. .

- 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 arbitrator 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 on International Trade laws).
- 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,


13/12/18
Stores & Purchase Officer
For DIRECTOR
E-mail: pur@cmeri.res.in

CC:

M/s. Maxon Precision Motor India Pvt. Ltd.
Niran Arade, No. 563/564, New BEL Road,
RMV 2nd Stage, Bangalore – 560094, India.
E-mail: Deepa.Arumugam@maxonmotor.com
Atul.Bhardwaj@maxonmotor.com
Info.in@maxonmotor.com

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