

**GOVERNMENT OF INDIA
BHABHA ATOMIC RESEARCH CENTRE
CHEMICAL TECHNOLOGY GROUP
Control Systems Development Division**

NOTICE INVITING TENDER

Tender Ref. No. ChTG/CSDD/4(1)/2019/716

Date : 4/9/19

Sealed quotations are invited on behalf of President of India by Head, CSDD/ BARC for the following work from contractors having adequate experience and capabilities to execute such magnitude and quality of similar works and who have similar experience with different units of Department of Atomic Energy (DAE).

Name of work: Fabrication, Inspection and supply of PM-BLDC motor stator & rotor sets and 5HP PM-BLDC Motor submersible type water pump as per the technical specification enclosed.

Quantity: PM-BLDC Motor Stator & Rotor sets: 5 Nos. and PM-BLDC Motor water pump: 1No.

1. The bidder shall quote on original letterhead signed with company seal, quoting GST number, PAN number for the fabrication & supply of PM-BLDC motor stator & rotor sets and 5HP PM-BLDC Motor submersible type water pump.
2. The contractor should be registered under Goods & Service Tax (GST) and GST as applicable as per the extent order on the work shall be paid by the contractor to concerned tax authorities.
3. The price quoted shall be inclusive of GST and shall be payable by the contractor and BARC will not entertain any claim whatsoever in this respect.
4. Period of completion: 120 days from the date of issue of work order.
5. Vendors shall contact on Telephone No. 25591763 (email id: premadas@barc.gov.in) by **16/09/2019** for detailed technical specifications and drawings.
6. Sealed quotations should be submitted only through registered post/speed post through Indian Postal Service. **Hand delivery of quotation will not be accepted.**
7. The quotation shall reach Head, CSDD, ChTG by 19/09/2019 and must be sent in sealed envelope super-scribed with the above reference number and due date given above. Also name of the work shall be displayed on the envelope.
8. Address on the envelope shall read
The Head, Control Systems Development Division,
Bhabha Atomic Research Centre,
CEL-5, Trombay, Mumbai-400085
Attn: MB Premadas, Scientific Officer-F
9. **Due date:** Last date of submission of application will be **19/09/2019** upto 16:00 hrs.
10. Sealed quotations received upto 16: 00 hrs on 19/09/2019 will be opened on 20/09/2019 at 10:30hrs.
11. Validity of offer should be at least 90 days from the date of tender opening.

The Head, Control Systems Development Division, B.A.R.C. reserves the right to accept or reject any or all quotations without assigning any reason.

MB Premadas
Scientific Officer (F)

(For and on behalf of The President of India)

A.K. Wankhede
(A.K. Wankhede)
Head, CSDD/CH.T.G./BARC

र. के वानखेडे / A. K. Wankhede

अध्यक्ष, नियंत्रण प्रणाली विकास प्रभाग,

Head, Control Systems Development Division,

रासायन प्रौद्योगिकी वर्ग / Chemical Technology Group,

भा. प. अ. कें, मुंबई / B.A.R.C., Mumbai - 400 085.

Technical Specification

1. **Dimensions:**

As per the drawings.

2. **Item description, size and quantity.**

Item No.	Item	Size	Quantity Nos.
1	PM-BLDC Motor Stator & Rotor sets (1set = one stator + one rotor + 4nos. magnets)	As per Drawing.	5 Nos.
2	Fabrication and supply of 5HP PM-BLDC Motor Water pump –Submersible type	As per Drawing.	1 No.

3. **Materials:** All the materials required for the fabrication of the set up shall be supplied by the vendor.

4. The stator and rotor stampings shall be cut from the CRGO Silicon steel lamination sheets using **wire cutting machine**. Rotor from semi hard magnetic steel and Magnets from SmCo Metal Blocks.

5. **Inspection:**

The items shall be inspected for dimensions as per the drawings at vendor's works.

It is the responsibility of the vendor to provide all facilities for the testing and inspection of the motors at vendor's works at all stages of the fabrication and also after the completion.

6. **Place of delivery:**

The PM-BLDC Motor stator & rotor sets and PM-BLDC Motor water pump cleared by us in mechanical inspection will be delivered to CTD stores, BARC, Trombay. The cost of transportation to CTD stores, Trombay shall be borne by the vendor.

7. **Delivery Period:**

Delivery shall be completed within 120 days from the date of issue of work order.

8. **Guarantee:**

The items supplied shall be guaranteed against defective manufacturing for a period of 12 months from the date of supply.


4/9/19

MB Premadas
Scientific officer (F)

वैज्ञानिक अधिकारी () / Scientific Officer ()
नियंत्रण प्रणाली विकास प्रभाग,
Control Systems Development Division,
रसायन प्रौद्योगिकी वर्ग / Chemical Technology Group,
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