



BHARAT HEAVY ELECTRICALS LTD
ELECTROPORCELAINS DIVISION
PO 1245. PROF. C.N.R.RAO.CIRCLE
SCIENCE INSTITUE POST, MALLESWARAM
BANGALORE - 560 012. INDIA

PHONE NO: 080-22182360
FAX NO : 080-23345604
: 080-23344231

NIT

Ref: BHEL/EPD/NP/MI/IGBT 2019-2020

Date: 18/10/2019

To,
M/s Vendors

Sub: Machining of pressed Ceramic Insulator Round for IGBT Traction Converter

- 1) Insulator Round 30-2XM6 Female for 9537 nos.
- 2) Insulator Round 36_M8 Male-Female for 1650 nos. and
- 3) Insulator Round 60-2XM10 Female for 6690 nos.

Dear Sir,

Please submit your competitive offer in a sealed cover super scribed as '**Machining of Pressed Ceramic Insulator Round for IGBT Traction Converter as per given dimension**'.

Drop your competitive bid by 26th October 2019 before 2:00 PM in “BHEL EPD MM Tender Box” or email to pricebid-epd@bhel.in ; bid will be opened on the same day at 2:30 PM in tender room at BHEL main gate.

Scope of work is as follows:

Cutting and turning of pressed Ceramic Components as per our drawing attached (drawing No. 3 987 60 00400, Drawing No. 3 987 60 00500 & Drawing No. 3 987 60 00600)

1. The machined item should not have any chipping, cracks or any other damage.
2. The item should be as per mentioned dimensions and within the tolerances given.
3. The items are to be packed suitably to ensure that there is no damage to the items after turning.



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4. The items will be measured and checked at BHEL premises. Payments will not be made for items that are rejected for dimensional and other defects in attributable to bad workmanship.
5. Turning job should be carried out on pressed component supplied by BHEL. The length of the pressed component may be single cylinder or in the form of long cylinder consist of more than one piece. In the case of cylinder consist of more than one piece, the contractor needs to make arrangement to cut that in single cylinder before machining operation.

Terms and Conditions

1. The sub-contractor has to collect the material from BHEL EPD & bring back at his own cost.
2. A 30% variation on the quantity of each item may be expected.
3. Interested contractor should be submitted quote for machining for all the three variants
i) Insulator Round 30-2XM6 Female, ii) Insulator Round 36_M8 Male-Female and
iii) Insulator Round 60-2XM10 Female together.
4. L-1 will be evaluated on the basis of overall value of the contract.
5. The contract for machining will be distributed between L-1, L-2 & L-3 bidders in the ratio of 50:30:20 provided the L-2 bidder and L-3 bidder accepts the counter offer of L-1 price.
6. On non-acceptance of the L-1 price by L3, then the L-1 and L-2 bidder will be awarded the quantity in 60:40 ratio, provided L-2 bidder accept L-1 price.
7. On other hand on non-acceptance of L-1 price by L-2, then the L-1 and L-3 bidder will be awarded the quantity in 60:40 ratio, provided L-3 bidder accept L-1 price.
8. On non-acceptance of L-1 price by L-2 and L-3 bidder, the L-1 bidder will be awarded the total 100% of the contract quantity.
9. L-1 party who has been awarded 50% quantity of the total contract (as per sl no.3), in case fails to execute the order of remaining order quantity for the entire contract will be offered to L-2 & L-3 bidder in 60:40 ratio.
10. L-2 party who has been awarded 30% quantity of the total contract (as per sl no.3), in case fails to execute the order of remaining order quantity for the entire contract will be offered to L-1 & L-3 bidder in 60:40 ratio.



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- 11.L-3 party who has been awarded 20% quantity of the total contract (as per sl no.3), in case fails to execute the order of remaining order quantity for the entire contract will be offered to L-2 & L-1 bidder in 60:40 ratio.
- 12.The qualified vendor should be capable of supplying 600 nos. of machined quantity per week when BHEL is in needs.
13. BHEL will issue the pressed item for machining activity for which Security deposit of 5% of the order value to be paid by the contractor. Security deposit will be collected from contractor before issuing of work order. After awarding the contract if any vendor reveal unwillingness for the job execution the Security deposit will be forfeit.
14. Payment will be released after 45 days of acceptance of the material, subject to final acceptance of the machined product by user department of BHEL EPD.
15. If the delivery by the vendor is delayed beyond 35 days from the date the material is drawn from BHEL EPD premises, a LD to the extent of ½% per week to a maximum of 5% shall be levied to the contractor for the undelivered portion of the material.
16. Rates are to be quoted both in words and figures. Taxes if any to be quoted separately.
17. Payment by BHEL will be made through NEFT only.

NOTE: The contractor should be signed in all the pages of BHEL floated NIT/ Enquiry along with their Quotation before submitting to BHEL. Therefore, it is understood that by submitting the offer the contractor has agreed for all the points mentioned under 'Scope of Work' and 'Terms and Conditions' both.

For any further clarifications contact the undersigned.

Thanking you,


18/10/2019
For Bharat Heavy Electricals Limited-EPD
Antara Baral
Dy. Manager / NP & SCR