

Bharat Heavy Electricals Limited



SOLAR BUSINESS DIVISION

MALLESHWARAM, BANGALORE- 560012

Dept: NEW PRODUCTS

Phone: 080-2218 2476/2440

Scope of work:

Cutting and turning of Iso-Pressed Ceramic Components as per our drawing supplied (drawing enclosed)

1. Transportation of Iso-pressed ceramic components from BHEL-SBD to vendor work.
2. Machining of ISO-pressed ceramic components.
3. Supply of machined ceramic components from vendor works to BHEL-SBD.
4. Point 1-3 includes cost of transportation, machining of ceramic components including cost of labor, fixtures, power and fuel, tools and tackles etc. complete.
5. Bidders are requested to visit BHEL premises to understand the scope of work in detail. Bidders are also requested to personally check the iso-pressed components before and after machining to understand the material properties and finish required by BHEL. The machining can be carried out on CNC / manual lathe machine, however the finish required by BHEL to be achieved by either option.

Special Terms and Conditions:

1. The machined item should not have any chipping, cracks or any other damage.
2. The item should be machines as per dimensions and tolerances mentioned in the drawings provided.
3. Vendor to take special care while transporting the products including necessary packing as per requirement to avoid damages to the product.

Quantity:

Work Description	Quantity (Nos.)
MACHINING OF IGBT GREEN INSULATOR (M6): Machining of ISO-Pressed Ceramic Tube as per given drawing including cutting and turning of items to required size, including cost of transportation, labour, tools and tackles, fixtures etc. complete (Drawing: 39876000400)	2000
MACHINING OF IGBT GREEN INSULATOR (M8): Machining of ISO-Pressed Ceramic Tube as per given drawing including cutting and turning of items to required size, including cost of transportation, labour, tools and tackles, fixtures etc. complete (Drawing: 39876000500)	550
MACHINING OF IGBT GREEN INSULATOR (M10): Machining of ISO-Pressed Ceramic Tube as per given drawing including cutting and turning of items to required size, including cost of transportation, labour, tools and tackles, fixtures etc. complete (Drawing: 39876000600)	2000

Contract Validity: 90 Days from PO date**Delivery Time:** 30 Days from the date of issue of material to vendor.

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Technical Pre-Qualification Criterion

Bidder should have executed the following works in last seven years (from the date of opening of technical bid):

- 1 similar works of value: Rs. 1.33 Lakhs including GST in a Single Order
- 2 similar works each of value: Rs. 0.83 Lakhs each including GST (two single orders)
- 3 similar works each of value: Rs. 0.66 Lakhs each including GST (three single orders).

Bidder to submit a copy of Work Order and Completion Certificate / Invoice Copy / Copies (against the order) as a proof of completion of work. In case of jobs in execution, work order copy, invoice of completed quantity along with a certificate / mail from employer for satisfactory job is also acceptable.

Definition of Similar Works: Machining / Cutting & Turning of Unfired (Green) Ceramic Components.

Acceptable Rejection: Rejections are acceptable up to:

1. 10% for 39876000400
2. 10% for 39876000500
3. 10% for 39876000600

Rejections beyond above mentioned levels will attract recovery from the Bank Guarantee.

Bank Guarantee for Material: Bank Guarantee will be collected for 100% of the material value being sent for machining with value as mentioned below for one component.

Total BG value= value of products X Qty. issued to vendor.

BG to be submitted immediately after place of PO.

Drawing No.	Value of one product (Rs. Per Pc.)
39876000400	41.65
39876000500	60.45
39876000600	319.56