

Annexure - C to tender 2750957E/OT-22



Boiler Auxiliaries Plant,  
**Bharat Heavy Electricals Limited,**  
 Ranipet - 632406, Tamilnadu, INDIA.

Enquiry No. & Dt.:  
 Due Date:  
 Supplier's Ref.:  
 Date:

**Specification cum Compliance Certificate for Super finishing Attachment**

Note:-

1. The 'Offered' Column and where applicable, the 'Deviations' & 'Remarks' Column of this format shall be filled in by the Vendor and submitted along with the offer. Inadequate / incomplete, ambiguous or unsustainable information against any of the clauses of the specifications / requirements shall be treated as non-compliance.

2. The offer and all documents enclosed with offer should be in English language only.

Name & Address of the supplier:

Name & Address of the Indian Agent:

Telephone No.

Telephone No.

Fax No.

Fax No.

e-mail :

e-mail :

Scope: Supply, Installation & Commissioning of Super finishing Attachment complying with the following specification

SI No.	Description - BHEL's Requirement	Specified	Offered	Deviations / Remarks
<b>1.0</b>	<b>PURPOSE &amp; WORKPIECE MATERIAL</b>			
1.1	Purpose: Radial shaft bearing area finish machining on CNC Lathe			
1.2	Work Piece Material: Carbon Steel, Alloy Steel, Cast Iron & Stainless Steel. Hardness 20 - 40 HRC (Material: 2C35, STE 500V ETC..)	Vendor to confirm		
<b>2.0</b>	<b>SPECIFICATION:</b>			
2.1	Super finishing attachment Unit Model No.	Vendor to specify		
2.2	Stone Guides 2 pieces, piston area 20cm <sup>2</sup> , Stroke 35mm, suitable for stone size 20x25x50mm	Vendor to confirm		
2.3	Number of oscillation per minute 2000-2300 per minute	Vendor to confirm		
2.4	oscillation stroke in mm, 2 to 5	Vendor to confirm		
2.5	Air pressure - 4 bar	Vendor to confirm		
2.6	Air consumption 14-18 Nm <sup>3</sup> /hr.	Vendor to confirm		
<b>3.0</b>	<b>STANDARD ACCESSORIES</b>			
3.1	Stone guide	Vendor to specify		
3.2	Three sizes of Stone mounting holders	Vendor to specify		
3.3	Filtering unit for rinsing unit Capacity ~ 150 Liters with cartridge filtration.	Vendor to confirm		
3.4	Feed system for rinsing fluid	Vendor to specify		
<b>4.0</b>	<b>SPARES:</b>			
4.1	Itemised breakup of mechanical, Pneumatic etc., spares used on the attachment in sufficient quantity as per recommendation of Vendor for 2 years of trouble free operation on two shifts continuous running basis should be offered by vendor.	Vendor to specify		

(S. Chenna Kesavan)

(S. Praveen Kumar)

(S. Chandrasekhar)

5.0 TYPES OF MOUNTING ARRANGEMENT			
5.1	Super finishing Attachment suitable for CNC LATHE		Vendor to confirm
5.2	CNC Lathe Tool post Mounting Sq.bar of 50mm; Length 200mm		Vendor to confirm
5.3	Mounting position(Horizontal/angular)		Vendor to specify
<b>6.0 DOCUMENTS TO BE SUBMITTED BY VENDOR</b>			
6.1	Three sets of following documents (Hard copies) in English language should be supplied along with the Attachment		Vendor to confirm
6.2	Operating manuals of Attachment		
6.3	Detailed Maintenance manual of Attachment		
<b>7.0 Tests/Activities should be carried out at BHEL works while commissioning the Attachment:</b>			
7.1	The Attachment shall be tested for Geometrical Accuracy.		Vendor to confirm
7.2	The Attachment should be tested for its full capacity at BHEL works as per Purchase Order.		
7.3	Demonstration of all features of the Attachment, control system & accessories to the satisfaction of BHEL for efficient and effective use of the Attachment.		
<b>8.0 DELIVERY</b>			
8.1	Estimated delivery period: maximum of 6 months Delivery period from the date of P.O for supply.		Vendor to confirm
<b>9.0 ERECTION &amp; COMMISSIONING</b>			
9.1	Estimated commissioning period : commissioning period will be 2-3 weeks from Delivery		Vendor to confirm
9.2	Estimated commissioning Charges: Commissioning is supplier's scope No extra charges will be paid by BHEL.		Vendor to confirm
<b>10.0 PACKING</b>			
10.1	Rigid packing for all items of complete Attachment, all Accessories and other supplied items to avoid any damage / loss in transit. all small loose items shall be suitably packed in boxes.		Vendor to confirm
<b>11.0 GUARANTEE</b>			
11.1	24 months from the date of commissioning of attachment at BHEL works..		Vendor to confirm
<b>12.0 General</b>			
	1. Bidders shall note & clearly mention their acceptance / remarks.		
	2. Duly filled copy of this format to be submitted along with the supporting documents for bid		
	3. After satisfactory fulfillment of all the above requirement, offer shall be considered for further evaluation as per NIT and all other terms of the tender.		
	4. BHEL reserves the right to verify the information provided by vendor. In case the information provided by vendor is found to be False / incorrect, the offer shall be Rejected.		

(S. Chandrasekar)

(G. Prasad Rao)

(G. Suresh Alam)