



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

**Enquiry No. &  
Dt.:2770765E/05.08.2017**  
**Due Date : 30.08.2017**  
**Reference :**  
**Date :**

**Specification cum Compliance Certificate for JOB ROTATOR-30 Ton**

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 **JOB ROTATOR 30TON** complying with the following specification

| SI No. | DESCRIPTION FOR BHEL REQUIREMENT                                                                                                                                               |                                                                                                                                                                                                                                                                                                       | Vendor to Specify                     |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| 1      | Purpose: (Operations/Jobs involved): Rotate Circular job up to 30Ton Weight                                                                                                    |                                                                                                                                                                                                                                                                                                       | Vendor note                           |
| 2      | Job rotator shall consists of<br>a) Drive unit<br>b) Idler unit Track<br>c) Speed Controller<br>d) AC Motor<br>e) Polyurethane Rollers<br>f) Control Panel<br>g) pendent Panel |                                                                                                                                                                                                                                                                                                       | Vendor to confirm and furnish details |
| 3      | Type of Job Rotator                                                                                                                                                            | self aligning type                                                                                                                                                                                                                                                                                    | Vendor to Confirm                     |
| 4      | Rotating capacity - Drive unit (concentric load) Not less than                                                                                                                 | 30Ton                                                                                                                                                                                                                                                                                                 | Vendor to Confirm                     |
| 5      | Load carrying capacity - Drive unit (Not less than)                                                                                                                            | 15Ton                                                                                                                                                                                                                                                                                                 | Vendor to Confirm                     |
| 6      | Load carrying capacity - Idler unit (Not less than)                                                                                                                            | 15Ton                                                                                                                                                                                                                                                                                                 | Vendor to Confirm                     |
| 7      | job Diameter range                                                                                                                                                             | 1500mm to 4000mm                                                                                                                                                                                                                                                                                      | Vendor to Confirm                     |
| 8      | Speed range (surface speed of roller) approx.                                                                                                                                  | 125 to 1250 mm/Min.                                                                                                                                                                                                                                                                                   | Vendor to Confirm                     |
| 9      | Type of speed controller                                                                                                                                                       | AC VFD                                                                                                                                                                                                                                                                                                | Vendor to Confirm                     |
| 10     | Capacity of AC Motor (approx.)                                                                                                                                                 | 2HP / 1440rpm - 2Nos.                                                                                                                                                                                                                                                                                 | Vendor to Confirm                     |
| 11     | Polyurethane Roller Size (Dia. X Thick) One No. / axle                                                                                                                         | D500 x 145mm                                                                                                                                                                                                                                                                                          | Vendor to Confirm                     |
| 12     | Job Dia. Setting                                                                                                                                                               | Automatically adjust the roller housings to accept any job dia. (1500 to 4000mm)                                                                                                                                                                                                                      | Vendor to Confirm                     |
| 13     | Control panel                                                                                                                                                                  | Fabricated with IP54 (i.e. Dust and vermin proof). Consist of AC VFD along with speed indicating meter, drive ready indication lamp, drive fault indication lamp, Mains ON/OFF switches, along with 10 Metre long cable for pendent, Also control panel is inbuilt with all required safety features. | Vendor to Confirm                     |
| 14     | Pendent panel                                                                                                                                                                  | Consists of speed potentiometer, rotational for /rev & stop operation.                                                                                                                                                                                                                                | Vendor to Confirm                     |
| 15     | <b>Electrical</b> : Power supply 415V , 50HZ, 3 phase AC Power supply voltage will be provided by BHEL.                                                                        |                                                                                                                                                                                                                                                                                                       | Vendor to Confirm                     |
| 16     | <b>Installation, Commissioning</b> and prove out of the equipment (tested for its full capacity) at BHEL, Ranipet works is suppliers responsibility                            |                                                                                                                                                                                                                                                                                                       | Vendor to note & Confirm              |
| 17     | <b>Estimated commissioning Charges</b> : Terms and condition for E&C Charges should be furnished in detail separately by vendor along with the offer                           |                                                                                                                                                                                                                                                                                                       | Vendor to Confirm                     |
| 18     | A detailed Catalog of the equipment has to be submitted along with the offer                                                                                                   |                                                                                                                                                                                                                                                                                                       | Vendor to submit                      |
| 19     | Three <b>(03) sets of O&amp;M manuals</b> including all circuit diagrams has to be submitted along with equipment.                                                             |                                                                                                                                                                                                                                                                                                       | Vendor to Confirm                     |
| 20     | The equipment shall be <b>Guaranteed</b> for the satisfactory performance for a period of <b>One year</b> from the date of commissioning                                       |                                                                                                                                                                                                                                                                                                       | Vendor to Confirm                     |
| 21     | <b>Delivery Period 10 -12 weeks from PO date</b>                                                                                                                               |                                                                                                                                                                                                                                                                                                       | Vendor to Confirm                     |

### **QUALIFICATION CRITERIA for JOB ROTATOR – 30 TON**

| Sl. No.                                                                                                                                                                                                                                                                                                                                                                                                         | CRITERIA                                                                                                                                                                                                                                                                                                                     | VENDOR ACCEPTANCE / REMARKS |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| 2                                                                                                                                                                                                                                                                                                                                                                                                               | Only those bidders, who have supplied at least 1 No. of <b>JOB ROTATOR – 30 TON</b> in India of Similar range in the last 3 years (On the Date of Opening of tender), are eligible to quote.                                                                                                                                 |                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                 | Along with the Offer the following information should be submitted by the vendor about the companies where similar Equipment has been supplied.                                                                                                                                                                              |                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                 | 1. Name of the customer / company where installed.                                                                                                                                                                                                                                                                           |                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                 | 2. Complete postal address of the customer.                                                                                                                                                                                                                                                                                  |                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                 | 3. Month & Year of supply                                                                                                                                                                                                                                                                                                    |                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                 | 4. Name and designation of the contact person of the customer.                                                                                                                                                                                                                                                               |                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                 | 5. Phone, FAX no. and email address of the contact person of the customer.                                                                                                                                                                                                                                                   |                             |
| 3                                                                                                                                                                                                                                                                                                                                                                                                               | Authorization certificate: Only the original equipment manufacturer Or their authorized Agents / distributors / dealers are eligible to quote. Along with the offer valid authorization certificate from the original equipment manufacturer should be submitted if the offer submitted by an Agent / distributor / dealers. |                             |
| 4                                                                                                                                                                                                                                                                                                                                                                                                               | Catalogue & Drawings: The specification cum compliance certificate given in the annexure for the offered item should be duly filled & submitted along with the relevant catalogue & drawings for bid consideration.                                                                                                          |                             |
| 5                                                                                                                                                                                                                                                                                                                                                                                                               | Performance Guarantee: The Performance of the equipment shall be guaranteed for a minimum period of 12 months from the date of acceptance at BHEL works.                                                                                                                                                                     |                             |
| 6                                                                                                                                                                                                                                                                                                                                                                                                               | Estimated delivery period: Delivery period for supply as 12 Weeks from the date of P.O                                                                                                                                                                                                                                       |                             |
| 7                                                                                                                                                                                                                                                                                                                                                                                                               | Estimated commissioning period : commissioning period will be 07 days from Delivery.                                                                                                                                                                                                                                         |                             |
| 8                                                                                                                                                                                                                                                                                                                                                                                                               | Estimated commissioning Charges: Commissioning charges should be furnished in details separately by vendor along with the offer                                                                                                                                                                                              |                             |
| <b>NOTES:</b><br>1. Bidders shall note & clearly mention their acceptance / remarks for the criteria given above.<br>2. Duly filled copy of this format to be submitted along with the supporting documents for bid consideration.<br>3. After satisfactory fulfillment of all the above criteria / requirement, offer shall be considered for further evaluation as per NIT and all other terms of the tender. |                                                                                                                                                                                                                                                                                                                              |                             |