

## NOTICE INVITING EXPRESSION OF INTEREST (EOI)

### TERMS OF REFERENCE

Reference No. : TEX/EOI/Rotary Table/2223/01


Dated: 22.06.2022

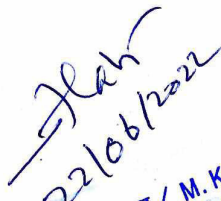
1. **OBJECTIVE OF THIS EXPRESSION OF INTEREST (EOI):** The objective of this EOI is to:
  - a. Solicit proposals from the interested and experienced manufacturers/suppliers of the proposed procurement.
  - b. On receipt of EOI, technical discussions/ presentations may be held with the manufacturers/ suppliers who are, prima facie, considered technically capable of executing the proposed procurement.
  - c. Arrive at uniform specification & parameters for our proposed procurement and also collecting information about probable suppliers.
2. **CONDITIONS UNDER WHICH THIS EOI IS ISSUED:**
  - I. This EOI is not an offer and is issued with no commitment. BHEL reserves the right to withdraw the EOI and change or vary any part thereof at any stage.
  - II. BHEL reserves the right to withdraw this EOI if BHEL determines that such action is in the best interest of the BHEL.
  - III. BHEL reserves the right to finalize specification as per our requirement. It is not necessary to consider all data submitted by manufacturers / suppliers.
  - IV. Timing and sequence of events resulting from this EOI shall ultimately be determined by BHEL.
  - V. In order to achieve our objective, it is suggested that all interested manufacturers/suppliers should visit our site for better understanding of our objective.
3. **Technical requirements :**

Vendors to furnish details as per **Rotary Table (3 SQ meter 50 Ton Capacity)** Specification.
4. **Pre-Qualification Requirement (PQR)**

Each eligible bidder should fulfil pre-qualification criteria as per **Rotary Table (3 SQ meter 50 Ton Capacity)** specification's clause no 3,4 &5.

**Note: Vendor to submit authorisation certificate and Purchase Order copies and performance certificate at the time of actual Tender Enquiry**

  
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BHEL's Broad Technical Specification-cum-requirements for Rotary Table(3 Square meters 50 Ton Capacity)				
SL. NO	DESCRIPTION OF BHEL REQUIREMENT	REQUIRED	Deviation	REMARKS
1	(A) TECHNICAL REQUIREMENT			
1.1	PURPOSE :			
1.2	Rotary table for Horizontal Boring Machine for machining of Hydrogenerator jobs			
2	SPECIFICATIONS:- ( Minimum Requirement )			
2.1	Rotary table, to be used as rotary axis of CNC milling, drilling and boring machine. Note:	Vendor to confirm		
2.2	Size of the rotary table: Round table of diameter 3000 mm	Vendor to confirm		
2.3	Height of the table:	Vendor to specify		
2.5	Max Job Envelope dia : 8000 ,,	Vendor to confirm		
2.6	Max. Weight of Work-piece: 50000 Kg	Vendor to confirm		
2.7	Max Swing Diameter of Workpiece: 8000 mm	Vendor to confirm		
2.8	Table Clamping Mechanism: Hydraulic with suitable power pack with pump-motor, solenoid valve, pressure switch, accumulator, pressure gauge with isolator etc. Details to be provided along with the offer.	Vendor to confirm		
2.9	Size of T-slots: Suitable for 28 mm H12 as per DIN 650, finish to DIN 876 III	Vendor to confirm		
2.10	T-slots pitch: 140 mm as per DIN 650, finish to DIN 876 III. (Details to be given)	Vendor to confirm		
2.11	Central slot tolerance: H7	Vendor to confirm		
2.12	Size and accuracy of bore at the center..	Vendor to specify		
2.13	Table top flatness: 0.025mm or better.	Vendor to confirm		
2.14	Table top runout: 0.03mm or better.	Vendor to confirm		
2.15	Table true running: 0.03 mm or better.	Vendor to confirm		
2.16	Parallelism of table top base (Horizontal position): 0.04mm or better.	Vendor to confirm		
2.17	Center bore runout: 0.01mm	Vendor to confirm		
3	(B) PRE-QUALIFICATION REQUIREMENT (PQR) : Vendor must submit complete information against Clause No.4. Offers not meeting this clause would not be considered.			
3.1	QUALIFYING CONDITIONS :	Vendor to confirm		
3.2	The supplier/vendor should be either an Original Equipment Manufacturer (OEM) or an authorized Dealer of the OEM for the offered machine/Equipment. Along with the offer, dealers have to submit a valid certificate of Authorization from OEM for quoting the machine. Vendor should submit proof of the same.	Vendor to confirm		
3.3	The OEM or the authorized dealer of the OEM must have supplied at least ONE Rotary Table of the OEM make of same or higher capacity in the past 10 years (on the date of opening of Tender).	Vendor to confirm		
3.4	Copy of Purchase Order (PO) in the name of OEM or the authorized dealer of the OEM for machine as per clause 3.3 is to be submitted along with the offer. The type, make and model of the machine should be clearly mentioned in the PO copy. Vendor should submit proof of the same.	Vendor to confirm		
4	(C) OTHER QUALIFICATION REQUIREMENTS (TO BE NECESSARILY SUBMITTED AT THE TIME OF FINAL TENDERING)			

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4.1	Authorized Dealer of the OEM shall be required to submit the declaration for support from OEM for Erection & Commissioning, after sales service & necessary spares support for minimum of 5 years from the date of commissioning.	Vendor to note		
4.2	The machine/equipment referred in Clause 3.3 should be working satisfactorily for more than one year after commissioning (on the date of opening of Tender). The Performance Certificate submitted should be recently issued (i.e. its date of issue should not be more than 2 year old from the tender opening date) from the customers regarding satisfactory performance of the machine supplied to them vide the Purchase Order as per clause 3.4  Note: Vendor to indicate clearly the Purchase Order (PO) Number, PO Date and Date of Commissioning of the machine on the performance certificate.	Vendor to note		
4.3	Vendors should necessarily furnish following details about the companies where they have supplied the machine for which they are submitting the documents in order to fulfil qualifying criteria as mentioned in clause 3: A) Name of the customer/company. B) Complete postal address. C) Name & designation of contact person. D) Phone, Mobile & E-mail address of the contact person.	Vendor to note		
4.4	<b>Financial PQC:</b> Vendor should have minimum average turnover of Rs.30 lakhs for the last 3 consecutive years ending March 2022. Vendor to submit Profit & Loss Account Statement of last three consecutive years ending march 2022 as documentary evidence for the same.  For Micro & Small Enterprises (MSE) & Start-Up Vendors who are OEM, no Financial PQR criteria is required. However, if they are quoting as authorised dealer of OEM then either OEM or the concerned MSE & Start-up vendor should necessarily qualify the financial PQC as mentioned above. companies where they have supplied the machine for which they are submitting the documents in order to fulfil qualifying criteria as mentioned in clause 5: A) Name of the customer/company. B) Complete postal address. C) Broad parameters of the machine and application	Vendor to note		
5	(D) MAKE IN INDIA (MII) CONTENT			
5.1	Vendor to mention the Make In India content (Value addition in India) of the offered machine in percentage (%). Details to be submitted	Vendor to Specify		
6.0	(E) MISCELLANEOUS			
6.1	BHEL reserves the right to assess the OEM or the authorized Dealer of the OEM, with respect to their technical and financial capability (As per the information provided in clauses 3.2 to 3.4).	Vendor to note		
6.2	Potential vendors can visit to BHEL works on prior appointment for any clarification & discussion about our requirement	Vendor to note		

*Handwritten note: Work for erection supervision only*

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