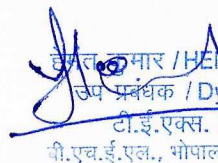
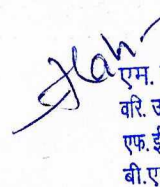


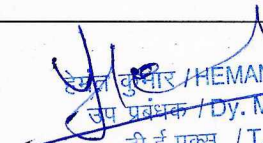
**BHARAT HEAVY ELECTRICAL LIMITED-BHOPAL****EXPRESSION OF INTEREST FOR SPIRAL TAP****ANNEXURE-1****REF : TEX/Spiral Tap /2022/02****NAME & ADDRESS OF THE SUPPLIER :****TELEPHONE NOS.:****FAX NOS.:****E-MAIL ADDRESS :****SCOPE: EXPRESSION OF INTEREST FOR SPIRAL TAP AS PER BELOW REQUIREMENT :**

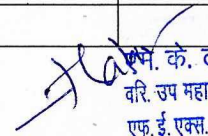
S No.	DESCRIPTION FOR BHEL REQUIREMENT	SPECIFIED / TO BE CONFIRMED BY	DEVIATION	REMARKS
1	PURPOSE			
1.1	The Spiral Tap is required for Tapping in Job by Radial drilling machine.	Vendor to confirm		
2	MATERIAL OF JOB			
2.1	Mild steel, Alloy Steel, Stainless steel : AISI 304 /405 & ASTM A743 CA6NM having Hardness in the range : 200-300 HB	Vendor to confirm		
3	SPECIFICATIONS (MINIMUM REQUIREMENT)			
3.1	Tap Sizes ISO Metric thread : M42 to M125 .	Vendor to confirm		
3.2	Pitch of Tap : As per metric standard as per IS 5175 part 3	Vendor to confirm		
3.3	Material of Tap : HSS-E/M35 HSS	Vendor to confirm		
3.4	1 set Consist of : Rougher & Final	Vendor to confirm		
3.5	Tolerance : 6H	Vendor to confirm		
4	QUALIFYING CONDITIONS FOR UPCOMING SPIRAL FLUTE TAP BHEL BHOPAL TENDER :			
4.1	The vendor should either be an Original Equipment Manufacturer (OEM) or an authorized Dealer of the OEM for the offered item. Along with the offer, dealers have to submit a valid certificate of Authorization from OEM for quoting the item. OEM should submit proof of the same.	Vendor to confirm		
4.2	Only those vendors (OEMs or their authorised dealer) should quote who have supplied & successfully trialed in the past Five years (on the date of opening of Tender) at least One Sprial Fluted Tap of M64 or higher size.	Vendor to confirm		


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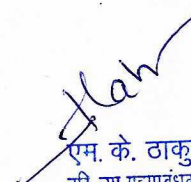
4.3	Vendor to submit copy of Purchase Order (PO) in the name of OEM or the authorized dealer of the OEM for item as per clause 4.2 . The broad details of Tap should be clearly mentioned in the PO copy.	Vendor to confirm		
4.4	Vendor to submit performance certificate. The Performance Certificate should be recently issued (with in one year from date of opening of tender) from the customers regarding satisfactory performance of the item supplied to them vide the Purchase Order as per clause 4.3. Note: Performance certificate to clearly indicate the Purchase Order (PO) Number, PO Date and Date of successful trial of the tap on the performance certificate.	Vendor to confirm		
4.5	Complete Information such as name, contact information, postal address should be submitted by the vendor about the companies where referred tap (clause 4.2, clause 4.3 & clause 4.4) have been supplied. This is required from all the vendors for qualification of their offer.	Vendor to confirm		
4.6	However, such vendors, who do not meet specified qualifying conditions [clause 4.2, clause 4.3 & clause 4.4] , can quote after successful trial at BHEL Bhopal works as follows :	Vendor to confirm		
4.6.1	Vendor can submit one number of Sample to BHEL Bhopal for shop trial on returnable basis. Responsibility of brokage of tap during shop trial lies with the vendor. BHEL shall not be responsible in any way for bokage or any refund against brokage.	Vendor to confirm		
4.6.2	The size of sample tap (M42 to M125), shank dia, square A/F, over all length, working thread length or any other technical requirement shall be mutually agreed with BHEL and Vendor before start of manufacturing tap for shop trial.	Vendor to confirm		
4.6.3	During shop trial Minimum 5 numbers of Tapping shall be done with the sample tap in blind hole. The shop trial shall be done on stainless steel material (refer clause 2.1) having hardness in the range of 200-300 HB on existing conventional machine at BHEL, Bhopal with operating parameters as specified by vendors (within operating range of machine)	Vendor to confirm		
4.6.4	Acceptance of shop trial for tap will be given only after succesfull shop trial. Finished threaded hole must clear Go/No Go Gauge test. Go/ No Go Gauge will be as per tolerance class 6H.	Vendor to confirm		
4.6.5	Vendor to submit sample within 21 days of date of opening of tender. If the sample gets rejected during shop trail , vendor will have one more chance to modify and resubmit the sample within 15 days of rejection. If vendor sample failed again or vendor do not submit another sample for trial , than it will established that vendor dont have capabilties to manufacuter the Spiral Tap as per BHEL requirement & will not be considered in enquiry.	Vendor to confirm		
4.6.6	Note : For shop trial machine & all tools will be arranged by BHEL Bhopal for tapping of hole except the sample tap set.	Vendor to note		
5	MAKE IN INDIA (MII) CONTENT			


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5.1	Vendor to mention the Make In India content (Value addition in India) of the offered item in percentage (%). Details to be submitted.	Vendor to Specify		
6	MISCELLANEOUS			
6.1	Potential vendors can visit to BHEL works on prior appointment for any clarification & discussion about our requirement.	Vendor to note		
6.2	BHEL reserves the right to verify information provided by the Vendor at their referred customer's works . It shall be the responsibility of the vendor to facilitate the visit of BHEL's team at their referred customer works. In case the information provided by vendor is found to be false / incorrect, the offer shall be rejected.	Vendor to note		


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