



BHARAT HEAVY ELECTRICAL LIMITED
BHOPAL, MADHYA PRADESH

PQC cum Annexure-I to P.I.821182038

Email:

SPECIFICATION CUM COMPLIANCE CERTIFICATE OF INDEXABLE GUNDRILL

NOTE:-

1. Vendor must submit complete information from clause No.1 to 7.2, The offer meeting this clause would only be processed
2. The offer and all documents enclosed with offer should be in English language only.
3. The information provided by vendor in specification cum compliance certificate will supersede any other information provided by vendor .
4. No deviations irrespective of technical/ NIT conditions, will be acceptable because of our requirement is stringent,Hence vendors not fulfilling our requirement shall not be participate.

NAME & ADDRESS OF THE SUPPLIER :

E-MAIL ADDRESS :

SCOPE: SUPPLY OF INDEXABLE THROUGH COOLANT GUN DRILL & THEIR ACCESSORIES

SNO	DESCRIPTION FOR BHEL REQUIREMENT	SPECIFIED / CONFIRMED	OFFERED	REMARKS
1	SUPPLY AND PROVING OF INDEXABLE THROUGH COOLANT GUN DRILL, DIA 16.13 X 1050 MM LONG IN SET, (1 SET =1 NO BODY+10 NO INSERT +2 NO+10 NO INSERT CLAMPING SCREW+1 NO CLAMPING KEY +5 NO GUIDE PAD + 10 NO GUIDE PAD SCREW+1 NO PAD SCREW KEY).IDENTIFICATION MARK SHOULD BE PERMANENTLY MARKED AT SUITABLE PLACE.	Vendor to Confirm		
2	TECHNICAL DETAIL :			
2.1	Tube plate to be drilled through in horizontal LEHR make deep hole drilling machine, has a thickness of 520.00 with a composition of 514 mm base carbon steel + 06 mm stainless steel cladding on the surface.	Vendor to note		

2.2	Drill diameter	:16.13 mm	Vendor to specify and confirm	
2.3	Over all Length	:1050.0 mm	Vendor to specify and confirm	
2.4	Driver	: as per drg. HPH/1005	Vendor to specify and confirm	
2.5	Effective hole depth	:520.00 mm	Vendor to specify and confirm	
2.6	Hole tolerance	Between H7-H8	Vendor to specify and confirm	
2.7	Hole surface quality	: 1.6-3.2 Ra	Vendor to specify and confirm	
2.8	Hole concentricity	:0.03 mm (Max.)	Vendor to specify and confirm	
2.9	Hole straightness	:0.035 mm (Max.)	Vendor to specify and confirm	
3 OPERATION DETAIL:				
3.1	Cutting Speed Vc(m/min)	: 70 (Min.)	Vendor to specify and confirm	
3.2	Feed f(mm/Rev.)	: 0.03-0.05	Vendor to specify and confirm	
3.3	Cutting fluid	: Neat type oil	Vendor to note	
3.4	Spindle Speed	: 1500 RPM	Vendor to note	
4 SCOPE OF SUPPLY:-				
4.1	DRILL BODY (DRIVER AS PER DRG. HPH/1005)	1No	Vendor to confirm	
4.2	10 NO MIN.ONE EDGE COATED INSERT WITH MIN. ONE CHIP SPLITTER PER EDGE	10 No	Vendor to confirm	
4.3	INSERT CLAMPING /TORX SCREW	2 No	Vendor to confirm	
4.4	INSERT CLAMPING/TORX KEY	1 No	Vendor to confirm	
4.5	CARBIDE GUIDE PAD	05No	Vendor to confirm	
4.6	GUIDE PAD SCREW	2 No	Vendor to confirm	
4.7	GUIDE PAD KEY	1 No	Vendor to confirm	
4.8	Test & Guarantee Certificates	4 Nos	Vendor to confirm	
5 SUPPLY & PROVING OF THE EQUIPMENT				
5.1	Supplier will be solely responsible for the supply, commissioning and proving the gun drill at BHEL works.Actual job shall be proved at Bhopal in all respect for accuracy and performance during commissioning			
6	GENERAL : The vendor should submit the following information:			
6.1	Only OEM or their authorized distributor / dealer has to be quoted and in this regard. Vendors other than OEM are need to be furnished an authorization certificate ensuring BHEL for their guarantee support and warrantee services(For a period of 18 months from the date of receiving of material at our works) as and when required by BHEL on prompt basis		Vendor to submit & confirm	

6.2	Vendor to submit reference of customer(s) where similar or higher capacity gun drill have been supplied by the vendor or their principal (through any authorised vendor by principal) of last two years effective from 30.12.2018, mentioning the customer detail, Model/Part No of the supplied gun drill, Year of Supply etc.along with offer,else offer is technically disqualified without notice to the vendor.	Vendor to submitted any documentary evidence i.e.PO copy/commissioning report/invoice/challan copy etc.		
6.3	Last three year auditted balance sheet of the company or their principal (In case of authorized vendor) will be provided along with offer,else offer is technically disqualified without notice to the vendor.	Vendor to submitted		
6.4	Detail printed catalogue containing technical details, Model/Part No of the GUN DRILL should be submitted along with the offer failing which offer is treated as technically incomplete and liable to be rejected without information to the bidder.	Vendor to submitted		
6.5	BHEL reserves the right to verify information provided by vendor. In case the information provided by vendor is found to be false/incorrect, the offer shall be rejected.	Vendor to note		
7	TERM & CONDITIONS (FINANCIAL PQ)			
7.1	Approximate 90% payment against delivery as per BHEL standard payment norms.Balance 10% after successful proving of the gun drill at BHEL,Bhopal works on submission of trial report.	Vendor to Confirm		
7.2	Approximate time of delivery 10-12 weeks (Ex-works).However 2 week shall be given delivery term as FOR,BHEL,Bhopal works.Delivery beyond 14 weeks, LD penalty shall be loaded suitably as per BHEL standard norms.	Vendor to Confirm and specify		


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