



BHARAT HEAVY ELECTRICAL LIMITED

UNIT'S ADDRESS:

UNIT'S PHONE NOS.

CONTACT PERSON'S NAME/DESIGN./PHONE NO./E-MAIL
(FROM PURCHASE DEP'T.)

Enquiry No. :

Due Date :

Supplier Qtn.
No.:

Date :

SPECIFICATION CUM COMPLIANCE CERTIFICATE FOR BENCH TYPE DRILLING MACHINE 1/2"

NOTE:-

1. Vendor must submit complete information against clause no. 5.1 The offer meeting this clause would only be processed.
2. Inadequate / incomplete, ambiguous, or unsustainable information against any of the clauses of the specifications/requirements shall be treated as non-compliance.
3. The offer and all documents enclosed with offer should be in English language only.

ADDRESS OF THE SUPPLIER :

ADDRESS OF THE INDIAN AGENTS :

TELEPHONE NOS.:

TELEPHONE NOS.:

FAX NOS.:

FAX NOS.:

E-MAIL ADDRESS :

E-MAIL ADDRESS :

SCOPE: SUPPLY, ERECTION & COMMISSIONING OF BENCH TYPE DRILLING MACHINE COMPLYING WITH SPECIFICATION AS BELOW

Sl. No	DESCRIPTION FOR BHEL REQUIREMENT	SPECIFIED BY	OFFERED	DEVIATIONS	REMARKS
1.0	PURPOSE & WORK PIECE MATERIAL				
1.1	Purpose: (Operations/jobs involved)	Drilling, Reaming of Oil Rigs components.			
1.2	Work Piece Material: (Material detail, Hardness eetc.)	Alloy Steels/Medium carbon steel			

2.0	Technical Details :				
2.1	Drilling capacity in steel (Min)	13mm			
2.2	Column dia	42mm			
2.3	Column to spindle centre	150 mm or more			
2.4	Min. distance from spindle nose to base plate	25 mm or more			
2.5	Max. distance from spindle nose to base plate	Vendor to Specify			
2.6	Spindle nose taper	Vendor to Specify			
2.7	Spindle travel	75 mm			
2.8	No. of speed/range	Vendor to Specify			
2.9	Details of drive	Vendor to Specify			
2.10	Movable Table size	200 x 200 mm or more			
2.11	Base size	Vendor to Specify			
2.12	Over all base plate size	Vendor to Specify			
2.13	Over all height with guard	750 mm or more			
2.14	V- belt section	Vendor to Specify			
2.15	Electric motor power & RPM	Vendor to Specify			
2.16	Material of main spindle	Vendor to Specify			
3.0	Standard Accessories:	Vendor to Specify			
3.1	Electric motor	Vendor to Specify			
3.2	On/Off switch	Vendor to Specify			
3.3	Drill Chuck 19 mm capacity	Vendor to confirm			
3.4	Machine vice plain type	Vendor to Specify			
3.5	Machine light	Vendor to Specify			
4.0	Constructional Features				
4.1	The bought out items shall be of reputed make.	Vendor to Specify			
4.2	The table shall be vertically lowered or raised by means rack & pinion arrangement operated with a handle. The table shall be provided with suitable arrangement for clamping the job and movable table.	Vendor to confirm			

5.0	Documentation				
5.1	Supplier to furnish technical leaflet of the drilling machine and customer reference list for the similar item with addresses.	Vendor to Specify			
5.2	Supplier shall furnish operation & maintenance manual along with the equipment.	Vendor to Specify			
5.3	Supplier shall furnish Civil foundation drawing.	Vendor to Specify			
6.0	Inspection : BHEL Engineers will inspect the Bench & Pillar type Drilling machine at Supplier's works before despatch during which supplier shall demonstrate the drilling operation on the steel plates.	Vendor to Specify			
7.0	Commission : Supplier shall commission the bench & Pillar type Drilling machine at BHEL and demonstrate its operation/maintenance features to technical personnel.	Vendor to Specify			
8.0	PROVE OUT : Machine to be proved for its capability of Maximum drilling.	Vendor to Specify			
9.0	PACKING : Suitable packing to be done.	Vendor to Specify			
10.0	GUARANTEE : 24 months from the date of acceptance of the machine. (2 years).	Vendor to confirm			
11	Delivery	Vendor to confirm			