



BHARAT HEAVY ELECTRICAL LIMITED

UNIT'S ADDRESS:

CONTACT PERSON'S NAME/DESIGN./PHONE NO./E-MAIL (FROM PURCHASE DEPTT.)

Enquiry No. :

Due Date :

Supplier Qtn. No.:

SPECIFICATION CUM COMPLIANCE CERTIFICATE OF HYDRAULIC BOLT TENSIONER M 90 X3

NOTE:-

1. Vendor must submit complete information against clause no. 6.0 (Qualifying Condition). The offer meeting this clause would only be processed.
2. Vendor to furnish the offer using this standard template of the specification. While furnishing the offer, no change is to be made in the first three columns (i.e. 'S.NO.', 'DESCRIPTION FOR BHEL REQUIREMENT' & 'ACTION BY VENDOR'). Only 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.
3. The offer and all documents enclosed with offer should be in English language only.
4. Vendor should confirm/clarify/specify pointwise (all the points) as per specification and provide original technical leaflet, technical details, photograph, scope of supply etc. at the first instance.

NAME & ADDRESS OF THE SUPPLIER :

NAME & ADDRESS OF THE INDIAN AGENT :

TELEPHONE NOS.:

TELEPHONE NOS.:

FAX NOS.:

FAX NOS.:

E-MAIL ADDRESS :

E-MAIL ADDRESS :

SCOPE: SUPPLY OF " HYDRAULIC BOLT TENSIONER M 90 X3 " COMPLYING WITH SPECIFICATION AS BELOW :

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S. NO.	DESCRIPTION FOR BHEL REQUIREMENT		ACTION BY VENDOR	OFFERED	DEVIATIONS	REMARKS
1.0	PURPOSE & WORKPIECE MATERIAL					
1.1.1	Purpose : Hydraulic bolt tensioner will be used in tightening of 125 Mvar reactor transformers by tensioning there central stud , thread size of the central stud is M 90X3 .		VENDOR TO NOTE			
1.1.2	Work piece : central stud of 125 Mvar reactors with thread size of M90X3		VENDOR TO NOTE			
1.1.3	Quantity : 1 set (1 set consist of Hydraulic bolt tensioner, Hydraulic pump & pressure gauge and High pressure hydraulic hose with quick couplers).		VENDOR TO NOTE			
2.0	Scope of supply:-		VENDOR TO CONFIRM			
	Bolt tensioner, adaptor kit for M90x3, hydraulic pump with pressure guage, connecting hydraulic hose and any other such acessories which are required for successful operation of the bolt tensioner.					
2.1	TECHNICAL DETAILS:		VENDOR TO CONFIRM			
2.1.1	BOLT TENSIONER,		VENDOR TO CONFIRM			
2.1.1.2	Capacity : 2000 KN (MIN)		VENDOR TO CONFIRM			
2.1.1.3	Stroke : 10 mm(min)		VENDOR TO CONFIRM			
2.1.1.4	Working pressure :1500 bar		VENDOR TO CONFIRM			
2.1.1.5	The tensioner should be suitable for bolt of size M90X3,and adaptor kit required for the same should be supplied along the tensioner.		VENDOR TO CONFIRM			
2.1.2	Pump : high pressuure, two speed hydraulic hand pump .maximum pressure 1500 bar to be supplied along with dully fitted pressure guage.		VENDOR TO CONFIRM			
2.1.2.1	Connecting hose: high pressure oil filled hydraulic hose having working pressure of 1800 bar, length atleast 3 meter and suitable end coupling for connecting bolt tensioner with hand pump		VENDOR TO CONFIRM			
3.0	PACKING :		VENDOR TO CONFIRM			
3.1	Standard & rigid packing for tools and other supplied items / accessories to avoid any damage/loss in transit.					
4.0	GUARANTEE :		VENDOR TO CONFIRM			
4.1	18 months from the date of acceptance of the tool.					
5.0	GENERAL : The vendor should submit the following information:		VENDOR TO SPECIFY			
5.1	Make :		VENDOR TO SPECIFY			
5.2	Model No. :		VENDOR TO SPECIFY			
5.3	Total weight :		VENDOR TO SPECIFY			
5.4	Detailed catalogues / General Arrangement Drawing of Tool and accessories/ attachments should be submitted with the offer.		VENDOR TO FURNISH			

Signature

Signature

Signature

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S. NO.	DESCRIPTION FOR BHEL REQUIREMENT		ACTION BY VENDOR	OFFERED	DEVIATIONS	REMARKS
6.0	QUALIFYING CONDITIONS :					
6.1	The vendor should either be an Original Equipment Manufacturer (OEM) or authorized dealer of the OEM of the offered tensioner. Dealers have valid Certificate of Authorization of the OEM for quoting for the tool. The Certificate of Authorization must be submitted along with the offer.		VENDOR TO CONFIRM & FURNISH			
6.2	The vendor or their OEM must have supplied at least one similar type of tensioner (tensioner for thread size of M90 or above having 90% of the required capacity specified in clause 2.1.1.2; i.e. 1800 KN or above) in the past five years (from the tender opening date) and such tensioner is working satisfactorily for more than one year after supply / acceptance.		VENDOR TO CONFIRM			
6.3	Following information is to be submitted by the bidder about the companies where such tools have been supplied. This is required from all the vendors for qualification of their offer .		VENDOR TO NOTE			
6.4	Un-priced purchase order copy of earlier supplied bolt tensioner in line with Clause no. 6.2 to be submitted along with offer.		VENDOR TO FURNISH			
6.5	Complete postal address of the customer.		VENDOR TO SPECIFY			
6.6	Details of tools supplied & application for which it is used.		VENDOR TO SPECIFY			
6.7	Name and designation of the contact person of the customer.		VENDOR TO SPECIFY			
6.8	Phone and email address of the contact person of the customer.		VENDOR TO SPECIFY			
6.9	Performance certificate from the customer (in the name of bidder or their OEM) regarding satisfactory performance of the tensioner (as detailed above) supplied to them. The Performance Certificate should be recently issued (i.e. its date of issue should not be more than 1 year old than from the tender opening date).		VENDOR TO FURNISH			
6.10	Financial standing through latest I.T.C.C annual report (balance sheet, profit & loss statement and ITR) of last 3 years ending 31st march.		VENDOR TO FURNISH			
6.11	BHEL reserves the right to verify information submitted by vendor. In case the information is found to be false / incorrect, the offer shall be rejected.		VENDOR TO NOTE & CONFIRM			

(Signature)
S. K. Sengupta

(Signature)

(Signature)
(S. K. Sengupta)