

Material code:ZW/031001017

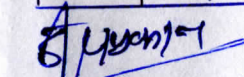
Annexure – "A-1"

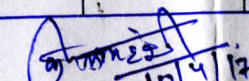
Work Order no. ZMES1600050

Technical Specifications for Oil Injector Pump

S.NO.	Description of BHEL Requirement	Quantity	Specified / to be confirmed	Offered	Deviation	Remarks
1	<u>Purpose :-</u>					
1.1	This oil injector pump is used for dismounting of rolling bearing for shaft diameter up to 250 mm.					Information to vendor
2	<u>Technical Specifications :-</u>					Vendor to confirm
2.1	Type of equipment: Manually operated oil Injector Pump	01				Vendor to confirm
2.2	Oil Reservoir Capacity:150 cm ³ -200 cm ³					Vendor to confirm
2.3	Pump	01				Vendor to confirm
2.4	Max. pressure of pump:2500 Bar					Vendor to confirm
2.5	Pump outlet threads should be BSP threads.					Vendor to confirm
2.6	Manometer	01				Vendor to confirm
2.7	Make : Wika only (filled with glycerin)					Vendor to confirm
2.8	Pressure Range : 0 to 3000 Bar					Vendor to confirm
2.9	High Pressure Hose	02				Vendor to confirm
2.11	Length: 2-3 meter of suitable diameter matching with pump					Vendor to confirm
2.12	Its ends should be with ermeto type joints at both the ends.					Vendor to confirm

2.13	Adaptors/Reducers					Vendor to confirm
2.14	¼", ½", 1/8", 3/8", ¾"	02 nos. each				Vendor to confirm
2.15	Iron rod of 0.5 meter length and of suitable diameter for manual operation of the pump	01				Vendor to confirm
2.16	Storage case to accommodate all the items mentioned in it.	01				Vendor to confirm
3	<u>Documents & Manuals :</u>					Vendor to confirm
3.1	3 Sets of Operation & Maintenance Manuals of the system to be supplied.					Vendor to confirm
3.2	All hydraulic pipe fittings should be as per ISO8434-1/-4 or equivalent Indian standard for 24° fitting.					Vendor to confirm
3.3	All required fitting should be BSPP thread conforming to ISO 1179.					Vendor to confirm
4	<u>Warranty of Equipment :</u>					Vendor to confirm
4.1	18 months of warranty from the date of material dispatch or 12 months from the date of acceptance at bhel Hardwar whichever is earlier.					Vendor to confirm
5	<u>Acceptance Criteria :</u>					Vendor to confirm
5.1	Acceptance shall be at BHEL, Hardwar after testing of the supplied equipment for operation of the system for which the same was procured.					Vendor to confirm


DEEP PRAKASH
 ENGINEER (WEX BL-1)


KAPIL MAHESHWARI
 D.MGR. (WEX BL-1)