

Sr. No.	Description of Material	Qty.	UOM
i	<p>Spare for Hydraulic Control Valve test Bench: Heavy Duty, low weight, single acting spring return, Hydraulic plain ram type Jack with centre hole along with its all accessories. capacity:30 Ton Max. working pr.: 700 kg/cm² Detailed specification of Hydraulic Jack along with required accessories as per enclosed Annexure-1 & Dimensional drawing for hydraulic jack as per enclosed Annexure-2</p> <p>Note:</p> <ol style="list-style-type: none"> 1. Load test certificate as per applicable standard shall be submitted along with the supply of the material. 2. Party shall furnish hydraulic jack catalogue along with the offer. 3. Party shall also provide the documents showing parts & technical details (including spare part list & seal kits) along with supply material. 4. Standard Guarantee / warranty clause shall be applicable. 	1	Set
(i) Load test certificate	Bidder shall submit Load test certificate as per applicable standard shall be submitted along with the supply of the material		
(ii) Catalogue	Bidder shall furnish hydraulic jack catalogue along with the offer		
(iii) Documents showing parts & technical details	Bidder shall also provide the documents showing parts & technical details (including spare part list & seal kits) along with supply material.		
(iv) Warranty	You shall have to furnish a Guarantee / Warranty Certificate for your products against defective material / bad workmanship for a period of 12 months from the date of commissioning or 18 months from the date of dispatch, whichever is earlier. In case the material fails during the above Guarantee period due to defective material or bad workmanship, you will have to replace the same free of cost. Certificate must accompany the dispatch documents		

Annexure 1



Annexure -1

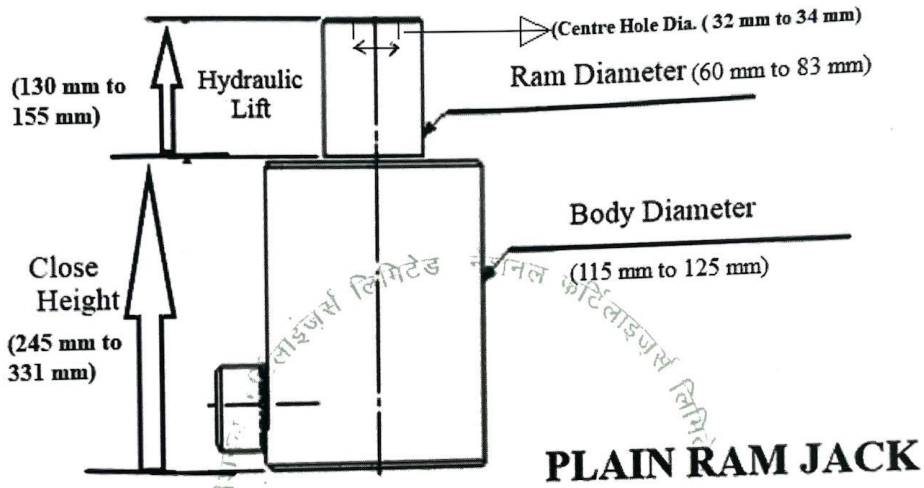
DETAIL OF HYDRAULIC JACK ALONG WITH REQUIRED ACCESSORIES

Sr.No.	ITEM	PARAMETER	REQUIREMENT	Vendor's Comments Agreed / Not Agreed
1.	Hydraulic Flat Jack cylinder	Make & Model No. of the offered system	Vendor to specify	
		Capacity	30 tons	
		Max. working pressure	Up to 700 kg/cm ²	
		MOC of Cylinder Body & Piston	Steel or better	
		Hyd. Stroke (Lift)	130 to 155 mm	
		Closed Height of Cylinder	245 to 331 mm	
		Body Dia. Of cylinder	115 to 125 mm	
		Ram Diameter	60 to 83 mm	
		Ram Type	Plain	
		Centre Hole Diameter	32 to 34 mm	
		Oil Capacity	600 to 750 cm ³	
		Cylinder furnished with Safety standard compliance	Standard NPT Female half coupler ANSI B30.1	
2.	Single Acting Hydraulic Hand Pump	Make & Model No. of the offered system	Vendor to specify	
		Type	Two-Speed Manual hand pump with metallic handle	
		Pump design	Single-acting pump	
		Pump features	Built-in relief valve	
		Max Pressure LP	20 bar	
		Max Pressure HP	700 bar	
		Oil Port Size	3/8" NPTF	
		Oil (Usable + reservoir) Capacity	minimum 1500 cm ³	
		MOC of Hand Pump	Steel or better	
		Heavy duty Handle MOC	Metallic	
		Large Valve Knob	to control slowly metering load down	
		3.	Pressure Gauge	Pressure Range
Type	Glycerine filled pressure gauge			
Tee Adaptor	1/4" and 3/8" NPTF Female x 3/8" NPTF Male Ports.			
Dial Gauge Size	100 mm			
Accuracy	Minimum 1%			
4.	High Pressure Hose	Type	Flexible rubber hose	
		Length	6 feet	
		Working Pressure	700 kg/cm ²	
		End Connectors	Specify size of connectors/fittings for jack and pump connection	
5.	Quick Connect Coupler Set	Type	Complete set of quick connect couplings (coupling/nipple)	
		Compatibility	Compatible with the offered hydraulic system, jack, and pump	
6.	Spare Set of Sealing Elements (Repair Kit)	Includes rings, seals, and other necessary components	1 Set (Vendor to specify the items in each set)	

23/10 23/10

ANNEXURE-2

Dimensional Drawing for 30 Ton capacity Hydraulic Jack :-



नेशनल फॉर्टिफाइजर्स लिमिटेड
सुनी