

TECHNICAL BID

Bid Invitation Number: **6300035625**

Part No/ Description : Procurement Of 350 Kits Of TWMP Lift Cylinder Hose Kit

SL No	Description	Complied / Not Complied	Remarks (With Justification)
1	Supply should be as per the Drawing. No Deviations are allowed		
2	Supply should be as per Quality Assurance Plan (QAP) Duly signed with seal QAP, should be scanned and uploaded in c-folder on SRM platform for technical evaluation.		
3	Proof Test: Hose Assemblies shall be hydrostatically test to the specified proof pressure which is twice the working pressure of hose for a period of not less than 30 secs upto 60 seconds.		
4	Leakage Test: Unaged hoses / hose assemblies shall be subjected to a hydraulic pressure equal to 70% of the specified minimum burst pressure for a period of 5-5.5 mins. This pressure shall be reduced to zero after which 70% of the minimum burst pressure shall be re applied for another 5 mins.		
5	Burst Pressure Test: Unaged hoses / hose assemblies shall be subjected to hydrostatic pressure increased at a constant rate so as to attain the specified minimum burst pressure within a period of not less than 15 secs and not more than 30 secs.		
6	Over Tightening Torque: In this test the nut portion of swivel type or tapered sealed type hose assembly shall be held in vice. Then hose nut shall be turned in slowly by means of torque wrench. At this time, the hose shall be tightened by fixing the lock nut with wrench. When specified torque is achieved, The nut shall be turned back by two revolutions and turned round again until the same torque value is obtained. The nut shall be loosened again and removed from nipple to see for any defects like cracks, thread damages if any		
7	Hose assemblies shall be marked with manufacturing date and Part number		
8	Hose assembly end fittings shall be covered with protective caps shall be made of unbreakable nylon/low density polythene / plastic conforming IS: 2508 / equivalent matching thread profiles against possible entry of any impurities & each end fitting shall be marked with vendor code		
9	Minimum Through Bore Test: The bore of the end couplings shall be such that they allow the free passage through the assembly of test balls as per BS 3832 standard.		
10	CoC from the supplier to ensure that hose supplied will meet dimensional, functional, operational requirements.		

Signature of the bidder with
company seal