

TENDER NO:E4/66/16

**Pump Operator cum Mechanic  
PACKAGE 3 SHOP OUT FIT**

SL NO	SI No in the syllabus	Item Description as per syllabus	Suggested Specification	Qty Required
1	7	Angle plate adjustable 250x150x175	Angle plate adjustable 250x150x175 With angle setting facility	1
2	8	Angle plate size 200x100x200mm	Angle plate size 200x100x200mm Solid 90°angled type	2
3	13	Belt Tensioner gauge	Belt Tensioner Gauge Medium duty type, With all accessories.	1
4	19	Car Jet washer with standard accessories	Car Jet washer Single phase, trolley type, suitable to connect with pipe lines, washer hose with 10mtrs long, 500litres tank, trigger type nozzle and all accessories.	1
5	22	Chain Pulley Block-3 ton capacity with tripod stand	Chain Pulley Block-3 ton capacity with tripod stand	1
6	29	Cleaning tray 45x30 cm.	Cleaning tray 45x30 cm. Leak proof, corrosion resistant type and 22 gauge thickness.	4
7	63	Granite surface plate 1600 x 1000 with stand and cover	Granite surface plate 1600 x 1000x 100mm with stand and dust cover Mirror Finished top, With suitable metal stand. Grade II, IS 2285-2013	1
8	92	Marking out table 90X60X90 cm.	Marking out table 90X60X90 cm With Mild Steel ribbed legs and. 2mm metal level, finished top, Paint coated..	1
9	183	V' Block 75 x 38 mm pair with Clamps	'V' Block- 75 x 38 mm pair with Clamps Steel made with two blocks and two clamps	2
10	190	Water pump for dismantling and assembling	Water pump - Two different types of coolant water pumps of vehicles.	2
11	12	Gas Welding Table 1220mm x760mm	Gas Welding Table- 1220mm x760mm With suitable metal made	2
12	1	Arbor press hand operated 2 ton capacity	Arbor press- hand operated 2 ton capacity	1
13	4	Centrifugal pump coupled with mono block set	electric pump - I.H.P single phase saction head 7.1/2m delivery head 20 metres	1

14	10	Drilling machine bench to drill up to 12mm dia along with accessories	Drilling machine -bench to drill up to 12mm dia along with accessories Three phase, Speed between 1800 and 2200 rpm, with chuck key and other all accessories. (HMT/Equivalent make)	1
15	13	Grinding machine (general purpose) D.E. pedestal with 300 mm dia wheels rough and smooth	Grinding machine -(general purpose) D.E. pedestal with 300 mm dia wheels rough and smooth pedestal type, three phase, AC, 230v, 50Hz,2 HP motor with rotary switch. (H.M.T/ Black and decker/Crompton greaves/Equivalent make)	1
16	15	Hydraulic jack HI-LIFT type -3 ton capacity,	Hydraulic jack -HI-LIFT type -3 ton capacity, and 5 Ton capacity	1
17	19	Multi stage pump	1HP motor with pump 2 or more impeller	1
18	20	Overhead tank, pump, minimum 5000 litres with level indicators and piping layout	Tank capacity 5000litres,1HP motor with pump, suction 7.5m delivery 20m level indicator and medium PVC pipe with fittings including valves	1
19	21	Pipe Bending Machine (Hydraulic type) 12mm to 30mm	Pipe Bending Machine -(Hydraulic type) 12mm to 30mm	1
20	25	Spring tension tester	Spring tension tester -Bench type	1
21	27	Tin smiths bench folder 600 x 1.6mm	Tin smiths bench folder- 600 x 1.6mm	1
22	29	Welding plant Oxy-Acetylene complete ( high pressure)	<p>Welding plant Oxy-Acetylene complete- ( high pressure) 1.Oxygen and acetylene cylinders, .Oxygen cylinder with cap- capacity -7cu.m brand new, empty, high pressure, seamless steel gas cylinders, flat type, concave bottom cylinders as per,IS 7285 (part 2) 2004. Complete with neck ring and valve and cap, valve as per IS 3224, painted as specified under gas cylinder rules 2004, supported with manufactures test certificate and approval from chief controller of explosives- Govt: of India, Nagpur. The test certificate should be valid for 05 years.</p> <p>2.Dissolvedf acetylene cylinder with cap- capacity 6cu.m :Brand new, empty, high pressure, seamless steel gas cylinders, flat type, concave bottom cylinders as per,IS 7285 (part 2) 2004. Complete with neck ring and valve and cap, valve as per IS 3224, painted as specified under gas cylinder rules 2004, supported with manufactures test certificate and approval from chief controller of explosives - Govt: of India, Nagpur. The test certificate should be valid for 02 years.</p> <p>3.High Pressure welding torch No: 2 (ISI) with nozzle no:1,2,3,5 and 7:Gas welding blow pipe (torch) with flash back arrester for versatile applications using oxygen and acetylene gases. Five different nozzle nos of 1,2,3,5 and 7. Maximum plate thickness that can be welded 35mm, tip thread: M10x1.</p> <p>4.Trolley for cylinders- 1 no, 5. Adjustable spanner 10 inch: -1 no</p> <p>6. Spindle key- 1no 7. Spark lighter- 1 no 8. Oxygen gas rubber hose inside dia -8mm ISI, Blue colour- 10 mtrs long</p> <p>9. Acetylene gas rubber hose inside dia -8mm ISI, Red colour- 10 mtrs long 10. Two stage Oxygen regulator (should confirm IS 6901)- 1 no</p> <p>11. Two stage Acetylene regulator (should confirm IS6901 )- 1 no</p>	1