

**TENDER NO. E7/59/16**  
**KOZHINJAMPARA - FITTER (2016-2017)**  
**HAND TOOLS**

SI No	Sl. No. as per syllabus	Item Description	Recommended specification	Quantity Required
				Kozhinjampara
1	7	Straight Scriber 15 cm.	Material High Carbon Steel (ISI), Angle = 10-15 degree, IS 12428:1988	42
2	12	Hammer ball peen 0.22 kg. With handle.	Hammer ball peen 0.22 kg with wooden handle drop forged .made by tool steel , face & pane properly heat treated and polished handle fixed with metallic wedge, IS 841:1983	42

3	13	File flat 25 cm. second cut	Material High Carbon Steel, second cut, 25 cm, IS 1931:2000	42
4	14	File flat 25 cm. smooth	Material High Carbon Steel, smooth, 25 cm, IS 1931:2000	42
5	15	File half round second cut 15 cm.	Material High Carbon Steel, second cut, 15 cm, IS 1931:2000	42
6	10	Spirit Level 15 cm metal	Spirit level 15cm metal, IS 5706:1993	1
7	21	File warding 15 cm smooth	File warding 15 cm smooth, IS 1931:2000	4

8	22	File knife edge 15 cm smooth	File knife edge 15 cm smooth, IS 1931:2000	4
9	23	File cut saw 15 cm smooth	File Cut saw 15 cm smooth, IS 1931:2000	4
10	24	File feather edge 15 cm smooth	File feather edge, 15 cm smooth, IS 1931:2000	4
11	25	File triangular 15 cm smooth	File triangular 15 cm smooth, Should confirm IS 1931:2000	2
12	26	File round 20 cm second cut	File round 20 cm second cut. Should confirm IS 1931:2000	8

13	27	File square 15 cm second cut	File square 15cm second cut. Should confirm IS 1931:2000	4
14	28	File square 25 cm second cut	File square 25 cm second cut. Should confirm IS 1931:2000	4
15	29	Feeler gauge 10 blades	Feeler guage 10 blades, IS 3179:1990, set	1
16	30	File triangular 20 cm second cut.	File triangular, 20 cm second cut Should confirm IS 1931:2000	8
17	31	File flat 30 cm second cut.	File flat 30 cm second cut Should confirm IS 1931:2000	8

18	32	File flat 20 cm bastard	File flat 20 cm bastard Should confirm IS 1931:2000	8
19	33	File flat 30 cm bastard.	File flat 30 cm bastard Should confirm IS 1931:2000	8
20	34	File Swiss type needle set of 12.	File Swiss type needle set of 12, IS 3152:1980, set	2
21	35	File half round 25 cm second cut.	File half round 25 cm second cut. Should confirm IS 1931:2000	8
22	36	File half round 25 cm bastard.	File half round 25 cm bastard Should confirm IS 1931:2000	4

23	37	File round 30 cm bastard.	File round 30cm bastard Should confirm IS 1931:2000	4
24	38	File hand 15 cm second cut.	File hand 15 cm second cut. Should confirm IS 1931:2000	8
25	39	Card file.	Card file, 3"x5" size, brass wire or steel wire, IS 1931:2000	8
26	42	Oil Can 0.25 liters.	Oil can, Rigid spout, steel pump, steel metal body, metal coated, 0.25 lit	2
27	50	Glass magnifying 7 cm	Magnifying Glass , size 7 cm	2

28	52	Clamp "C" 5 cm	Clamp "C" 5 cm, Malleable iron with steel screw, 5 cm size	2
29	53	Clamp "C" 10 cm	Clamp "C" 10 cm, Malleable iron with steel screw, 10 cm size	2
30	57	Scraper flat 15 cm.	High carbon steel, scraper, 15 cm, flat	8
31	58	Scraper triangular 15 cm	High carbon steel, scraper, 15 cm, triangular	8
32	59	Scraper half round 15cm	High carbon steel, scraper, 15 cm, halfround	8
33	60	Chisel cold 9 mm cross cut 9 mm diamond.	Highcarbon tool steel, forged and heat treated, cross cut, 9 mm diamond IS 402:1990	8

34	63	Stud Extractor EZY – out	Stud Extractor EZY – out	2
35	79	Wheel dresser	Length 150 mm, diamond point, wheel dresser	1
36	2	Tongs roving 350mm.	Tongs roving, Mild steel / Medium carbon steel 350 mm, IS 843:1968	2
37	3	Tongs fiat 350mm.	Tongs flat, Mild steel / Medium carbon steel 350 mm, IS 843:1968	2
38	6	Hot set rodded 25X200mm.	High carbon steel, hot set rodded 25x200 mm	1
39	14	Trammel 30cm.	High carbon steel trammel 30 cm	1
40	15	Rake.	A long handled tool with row of teeth	2



41	17	Pocker.	Pocker, High carbon steel 24 to 36 inch	2
42	18	Hardle.	According to anvil hard die hole (for an anvil of 50 kg)	2
43	23	Setting hammers with handle.	Flat headed hammer with handle, setting hammer	2
44	24	Planishing hammer.	Aluminium and plastic handle, plannishing hammer	2
45	26	Stake hatchet.	stake hatchet, 100 mm straight face , one side round	2
46	27	Stake grooving.	stake hatchet, 100 mm straight face , grooves at top	2