

TENDER NO. E7/60/16
KOZHINJAMPARA - FITTER (2016-2017)
EQUIPMENTS

| SI No | Sl. No. as per syllabus | Item Description | <u>Recommended specification</u> | Quantity Required |
|-------|-------------------------|--|--|-------------------|
| | | | | Kozhinjampara |
| 1 | 6 | Universal scribing block 22 cm. | Base Cast iron, Scriber- Cast steel, 22 cm | 2 |
| 2 | 7 | V-Block pair 7 cm and 15 cm with clamps | Cast iron / hardened steel, 7 cm and 15 cm, clamp made of steel, IS 2949:1992 | 2 |
| 3 | 9 | Angle plate 10 x 20 cm. | 10x20 cm - cast iron / cast steel, angle plate, plain solid, grade 2, IS 2554:1971 | 2 |
| 4 | 15 | Portable hand drill (Electric) 0 to 6 mm | Portable hand drill, Max. drill dia 13 mm, rated voltage-lagging 110-220 V, No of load speeds - 0-3000 rpm, weight 2 kg, with chuck key, Insulated handles and accessories.Frequency 50-60 Hz, Rated Input -550W | 2 |
| 5 | 77 | Pipe vice 100mm | Cast iron with jaw hardened 100 mm IS 6007:1971 | 1 |

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|----|----|---------------------------------|---|----|
| 6 | 80 | Machine vice 10 cm | High quality alloy steel, 10 cm jaw, with swivelling base, IS 4502:1999 | 1 |
| 7 | 81 | Machine vice 15 cm | High quality alloy steel, 15 cm jaw, with swivelling base, IS 4502:1999 | 1 |
| 8 | 83 | Vice bench 12 cm jaws. | CI body, jaw plates hardened and tempered, 12 cm jaws, IS 2586:1986 | 16 |
| 9 | 84 | Vice leg 10 cm jaw. | CI body, jaw plates hardened and tempered, 10 cm jaws | 2 |
| 10 | 92 | Fire extinguisher (For 4 Units) | CO2 type, 3 kg capacity, with wall mounting. | 2 |
| 11 | 93 | Fire buckets. | Material GI sheet 20 SWG, Fire buckets 10 litre with MS stand | 2 |
| 12 | 94 | Machine vice 100 mm | Cast iron body jaw plates hard and tempered, 100 mm, IS 4502:1999 | 2 |
| 13 | 7 | Swages top & bottom 12 mm /19 | Swages top & bottom 12 mm /19, High carbon steel, IS 842:1968, 1 each | 1 |

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|----|----|---|--|---|
| 14 | 8 | Swage block 35 x 35 x 12 cm. | Swage block 35 x 35 x 12 cm, Cast iron confirming to grad 20 of IS 210-1970 | 1 |
| 15 | 11 | Anvil 50 kg. | Mild steel, case hardened, anvil 50 kg, IS 510:1986 | 2 |
| 16 | 12 | Anvil stand | CI stand to suport 50 kg anvil | 2 |
| 17 | 17 | Pipe cutter 6 mm to 50 mm wheel type. | Pipe cutter 6 mm to 50 mm wheel type. | 1 |
| 18 | 18 | Pipe bender spool type up to 25 mm. with stand manually operated. | Pipe bender spool type up to 25 mm. with stand manually operated., cold bending, carbon steel | 1 |
| 19 | 19 | Adjustable pipe chain tonge to take pipes up to 300 mm. | Adjustable pipe chain tonge to take pipes up to 300 mm. | 1 |
| 20 | 4 | Forge portable hand blower 38 cm to 45 cm. | Read input power 350/370 W, No load speed 13000 to 16000 rpm, rated voltage 220/240 V, Frequency 50-60 Hz, Max speed 0-16000, net weight 14 kg | 1 |