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COCO

PLANT & MACHINERY DETAILS

MECHANICAL TOOLS & EQUIPMENTS :

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| **S.NO** | **TYPE OF MACHINE** | **MAKE & MODEL** | **SPECIFICATION** | **CAPACITY** | **QTY** |
| 1. | Form drilling Machine with Tapping | AMT TBC-28 | RPM – 2800  3 - Phase | 120 drills per hour | 1 |
| 2. | Bench Drilling | Madhav | RPM – 1440  1 – phase | 60 drills per hour | 2 |
| 3. | Welding Rectifier | WMI | I/p Volts – 230v/50Hz 40 – 200Amps | 6 mtr. per hour | 3 |
| 4. | Spot Welding | Electro Weld | I/p Volts – 400V ,  0.3 To 3mm | 300 spot welds per hour | 1 |
| 5. | Bench Grinding | Motor Grind | RPM – 2880  Cycle - 250 | Continuous | 2 |
| 6. | Portable Metal Cutting machine | Bosch GCO 2000 | 230V/50Hz, 10amps RPM – 3500. | 300 – 600  cuttings per hour | 4 |
| 7. | Hand Drilling | Bosch, GSB 13RE | I/p volt – 230v/50Hz, RPM – 2800 | 20 drills per hour | 4 |
| 8. | Portable AG4 Grinding | Bosch , GWS 6-100 | I/p volt – 230v/50Hz RPM – 1100. | 30 pieces per hour | 8 |
| 8. | Portable AG7 Grinding | Bosch , GWS 2200 | I/p volt – 230v/50Hz RPM – 8500 | 15 pieces per hour | 8 |
| 9. | Electrical Jig-Saw Cutter | Bosch  GST 85 PBE | I/p volt – 230/50Hz , no – 500 – 3100 Min | 12  Cutouts per hour | 2 |
| 10. | 1 phase Air Compressor | ELGI | Max Pr.– 10kg/cm2 Capacity – 160 Ltr. | Continuous | 3 |

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| **S.NO** | **TYPE OF MACHINE** | **MAKE & MODEL** | **SPECIFICATION** | **CAPACITY** | **QTY** |
| 11. | 3 phase Air Compressor | ELGI | Max Pr. – 12kg/cm2 Capacity – 500 Ltr. | Continuous | 1 |
| 12 | Powder coating gun | Nordson Encore LT | Pure Polyster + Epoxy 20 Ltr Drum | 120  components per lot | 2 |
| 13 | Torque Wrench | Torque master | 5- 60 Nm | Manual | 3 |
| 14 | Bench Vice | AC | 4” to 8” | Manual | 5 |
| 15 | Manual Sheer machine | AC | 3mm | Manual | 2 |
| 16 | Pipe Grooving Machine | Rex | 1/2“ to 8” Pipe Groove | 30 grooving per hour | 1 |
| 17 | Hydraulic Pipe bender | Rex | 1/2” to 2” | Manual | 1 |
| 18 | Manual Pipe Bender | AC | 1/2” to 6” | Manual | 1 |
| 19 | Nitrogen Purge Kit | Agni Controls | 0-60 Bar | Manual | 1 |
| 20 | MIG-MAG Welding machine | Lincoln Electric | 3Phase 300 Amps | 18 Mtr / hour | 1 |
| 21 | Hydraulic Press Machine | PHP-15, Omkar | 150 ton | Manual | 2 |

ELECTRICAL EQUIPMENTS :

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| **S.NO** | | **TYPE OF MACHINE** | **MAKE & MODEL** | **SPECIFICATION** | **CAPACITY** | **QTY** |
| 1. | | Soldering Station | Soldron | 8w-20w | 200 solder points per hour | 20 |
| 2 | | Temperature Controlled soldering station | Soldron | 0-300 deg C | 100 solder points per hour | 3 |
| 3. | | Soldering Bath | Estovir | 240 V-415V | Manual | 1 |
| 4. | | Electronic Components Bending Machine | Estovir | A | Manual | 1 |
| 5. | | Wire Twisting Cum Stripping machine | Estovir | 0.5 mm2 - 4 mm2 | 500 cables / hour | 1 |
| 6. | | Cordless Drill Driver | Bosch | GSR 120-Li | Manual | 8 |
| 7. | | Electrical Drilling Machine | Bosch | GSB - 500 | Manual | 4 |
| 8. | | Electrical Hammer Drilling Machine | Dewalt | D25133K | Manual | 1 |
| 9. | | PLC programming kit | Agni Controls | NA | Manual | 1 |
| 10. | | Addressable panel programming tool | Agni Controls | N/A | Manual | 1 |
| 11. | | Automatic Marking machine | Automator | Dot Pin Marker | 100 marking / hour | 2 |
| 12. | | Liquid Compound Mixing kit | Agni Controls | NA | Manual | 1 |
| 21 | Digital Sleeve Cutting Machine | | AWS 120 | 220 V AC, 50 Hz, 100W | Cutting speed  10800 cycles per hour | 1 |
| 22 | Cable Cutting & Stripping Machine | | Cutstrip-999 | 0.25mm2 to 4.00mm 2 | Cutting 12000 per hour  Side Stripping 7000 -per hour | 1 |
| 23 | Electrical Crimping Machine | | EC-2000 | 230V, Crimping Force 10000N | 1000 nos per hour | 1 |
| 24 | Drilling cum Tapping machines | | ITCO | Cap-3/4” | Manual | 1 |

TESTING EQUIPMENT - MECHANICAL:

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| **S.NO** | **TYPE OF MACHINE** | **MAKE & MODEL** | **SPECIFICATION** | **CAPACITY** | **QTY** |
| 1. | Water Hydro Test Pump | Valton | 200 Bar | Manual | 1 |
| 2 | Oil Test Pump | AC | 300 Bar | Manual | 1 |
| 3 | CO2 Gas Pressure test Kit | Agni Controls | 4kg | Manual | 1 |
| 4. | Coating Thickness Gauge | AC | 0-200 microns | Manual | 1 |
| 5 | Weighing Scale | ATMA | 30 kg | Continuous | 2 |
| 6 | Weighing Scale | ATMA | 500 kg | Continuous | 2 |
| 7 | Mechanical Online Monitor Test Kit | Agni Controls | 4.5 kg to 45 kg | 150  components per hour | 1 |
| 8 | Electrical Online Monitor Test Kit | Agni Controls | 22 kg to 45 kg | 150  components per hour | 1 |
| 9 | Digital Vernier Calipers | Insize | 150mm | Manual | 2 |
| 10 | Screw Gauge | Insize | 10 mm | Manual | 2 |
| 11 | Laser Measuring Tool | Bosch | 40m | Continuous | 1 |
| 12 | Laser Level Marking tool | Bosch | GLL-3X | Continuous | 1 |
| 13 | Measuring Tape | Freemans | 5m | Manual | 4 |
| 14 | Measuring Tape | Freemans | 7.5m | Manual | 2 |

TESTING EQUIPMENTS – ELECTRONICS :

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| **Sl. NO** | **TYPE OF MACHINE** | **MAKE & MODEL** | **SIZE/CAPACITY** | **CAPACITY** | **QTY.** |
| 1. | Oscilloscope | Keysight | 100 MHz  4-channel | Continuous | 3 |
| 2. | Function Generator | JE-LCD 200 | 1Hz to 1MHz | Continuous | 1 |
| 3. | Multimeter | Mas-Tech | 200 MHz/300V | Manual | 20 |
| 4. | Temperature Indicator | Selec | 24Vdc | Continuous | 10 |
| 5. | Timer | - | 0-999 min | Continuous | 2 |
| 6. | Regulated Power Supply | Metravi | 24V DC | Continuous | 10 |
| 7. | Hot Air Oven | AC | 230Vac, 2000 W | 3 hours continuous | 1 |
| 8. | Hot Air Oven | Vitech | 440Vac, 5HP | continuous | 1 |
| 9. | Electronics Burn-in Test rack | AC | 24Vdc | 50 units per rack | 4 |
| 10. | Relative Humidity Meter | Lutron | Handheld | continuous | 1 |
| 11. | Sound Level Meter | Lutron | Handheld | continuous | 1 |
| 12. | High Voltage Dielectric Test kit | CEM | 2KV | Manual | 1 |
| 13. | Insulation Resistance Meter | MECO | 1000 Mega.Ohms | Manual | 1 |