

| | | | | | | | | |
|--|---|----------------|--|----------------|--------------------|--------------------------------|----------|------------------------|
| 02-06-00747 | power supply | | | | | | | |
| | V in-pot | V out-pot | AM | KW | capaste battrey | | QTY | |
| | 24V DC | 380V DC | 30A | 15KW | 182*2 | | 100 | |
| 02-06-00748 | Passengers intercity staff bus .40 to 50 passengers,automatic doors ,diesel engine,air conditioned,apholestered chairs stainless steele fram,sliding glass windows with curtains,rubber mat floor, tinted windshield , stereo radio-recorder,ceiling hanging gr | | | | | | 1000 | |
| AXIAL AEROFOIL AND PROPELLER EXHUST FAN | | | | | | | | |
| | fan NO. | block location | TYPE | capacity m3/hr | no. req | external static pressure m.w.a | input kw | electric characterishi |
| 02-06-00749 | R.F16 | B | axial aerofoil with motor inside case. | 14000 | 100 | 10 | 4 | 380/3/50 |
| 02-06-00750 | R.F17 | A | axial aerofoil with motor inside case. | 5950 | 10 | 5 | 2.5 | 380/3/50 |
| 02-06-00751 | R.F18 | A | axial aerofoil | 4180 | 10 | 7 | 2.5 | 380/3/50 |
| 02-06-00752 | RF.19 | A | axial aerofoil | 5830 | 10 | 10 | 3 | 380/3/50 |
| 02-06-00753 | RF.20 | A | axial aerofoil | 2870 | 10 | 10 | 1.5 | 380/3/50 |
| 02-06-00754 | RF.21 | A | axial aerofoil | 4280 | 10 | 6 | 1.5 | 380/3/50 |
| 02-06-00755 | RF.22 | A | axial aerofoil | 2500 | 10 | 7 | 1 | 380/3/50 |
| 02-06-00756 | RF.23 | A | axial aerofoil | 5000 | 10 | 7 | 3 | 380/3/50 |

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|--------------------------------|-------|-----------|--------------------|------|-----|-----|------|----------|
| 02-06-00757 | EX.6 | A"-ground | axial wall mounted | 1200 | 10 | 5 | 0.3 | 1/220/50 |
| 02-06-00758 | EX.7 | A"-ground | axial wall mounted | 2400 | 10 | 5 | 0.6 | 1/220/50 |
| 02-06-00759 | EX.8 | A"-ground | axial wall mounted | 450 | 10 | 3.5 | 0.2 | 1/220/50 |
| 02-06-00760 | EX.9 | A"-ground | axial wall mounted | 700 | 10 | 3 | 0.2 | 1/220/50 |
| 02-06-00761 | EX.10 | A"-ground | axial wall mounted | 3400 | 10 | 6 | 0.6 | 1/220/50 |
| 02-06-00762 | EX.11 | A"-ground | axial wall mounted | 1900 | 10 | 4 | 0.4 | 1/220/50 |
| 02-06-00763 | EX.1 | C1 | propeller | 2550 | 10 | 4 | 0.2 | 1/220/50 |
| 02-06-00764 | EX.2 | C2 | propeller | 1100 | 10 | 0 | 0.1 | 1/220/50 |
| 02-06-00765 | EX.3 | A" | propeller | 850 | 10 | 3 | 0.1 | 1/220/50 |
| 02-06-00766 | EX.5 | doct | propeller | 1000 | 10 | 0 | 0.08 | 1/220/50 |
| 02-06-00767 | EX.4 | general | propeller | 500 | 80 | 0 | 0.07 | 1/220/50 |
| ROOF EXTRACTOR SCHEDULE | | | | | | | | |
| 02-06-00768 | RE-5 | A"-first | roof extractor | 1600 | 200 | 8 | 0.5 | 220/1/50 |

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|--------------------|-------|---------------|--------------------|------|-----|----|-----|----------|
| 02-06-00769 | RE-6 | A"-first | roof extrachter | 500 | 200 | 5 | 0.2 | 220/1/50 |
| 02-06-00770 | RE-25 | A"- ground | roof extrachter | 1800 | 200 | 8 | 0.5 | 220/1/50 |
| 02-06-00771 | RE-26 | A"- ground | roof extrachter | 700 | 200 | 5 | 0.4 | 220/1/50 |
| 02-06-00772 | RE-27 | A"-first | roof extrachter | 1300 | 200 | 5 | 0.4 | 220/1/50 |
| 02-06-00773 | RE-36 | A"-first | roof extrachter | 500 | 200 | 3 | 0.1 | 220/1/50 |
| 02-06-00774 | RE-17 | B- ground | roof extrachter | 300 | 200 | 5 | 0.2 | 220/1/50 |
| 02-06-00775 | RE-18 | B- ground | roof extrachter | 1200 | 200 | 15 | 2 | 3/380/50 |
| 02-06-00776 | RE-19 | B- ground | roof extrachter | 3400 | 200 | 12 | 2 | 3/380/50 |
| 02-06-00777 | RE-20 | B- ground | roof extrachter | 2210 | 200 | 12 | 2 | 3/380/50 |
| 02-06-00778 | RE-21 | B- ground | roof extrachter | 1530 | 200 | 10 | 2 | 1/220/50 |
| 02-06-00779 | RE-22 | B- ground | roof extrachter | 1020 | 200 | 8 | 0.7 | 1/220/50 |
| 02-06-00780 | RE-23 | A"- ground | roof extrachter | 2430 | 200 | 7 | 0.7 | 1/220/50 |
| 02-06-00781 | RE-35 | A"- ground | roof extrachter | 1000 | 200 | 6 | 0.7 | 1/220/50 |
| 02-06-00782 | RE-34 | A"- ground | roof extrachter | 500 | 200 | 5 | 0.5 | 1/220/50 |

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| 02-06-00783 | battery charger | | | | | | | |
| | 24 VDC/ UP TO 100 AMP | | | | | | | 500 |
| | 12 VDC/20 A | | | | | | | 500 |
| | 110 VDC/60A | | | | | | | 500 |
| | (12 - 96) VDC/10A | | | | | | | 500 |
| variable (12-48)V / UP to 60 A | | | | | | | 500 | |
| 02-06-00784 | kerosene refrigertor 13ft | | | | | | | 100 |
| 02-06-00785 | kerosene refrigertor 16ft | | | | | | | 100 |
| 02-06-00786 | telephone exchange system | | | | | | | 100 |
| capacity :- 50 line | | | | | | | | |
| 02-06-00787 | water treatment plans | | | | | | | 100 |
| | first :plan componemts | | | | | | | |
| | 1- primary water tank (1m ³) | | | | | | | 100 |
| | 2- duplex primary water pumps (6m ³ /h,2.5bar | | | | | | | 100 |
| | 3-pirmary filters (25u) | | | | | | | 100 |
| | 4-duplex water softeners (cataionic,5m ³ /h) | | | | | | | 100 |
| | 5-seconddry filters (5u) | | | | | | | 100 |
| | 6-duplex revers osmosis units (750L/hr) | | | | | | | 100 |
| | 7-stainless steel final tanks 1.5m ³ | | | | | | | 100 |
| | 8-duplex finaly water pumps (6m ³ /h , 2.5 bar) | | | | | | | 100 |
| | 9-distillation water electrical system (750L/hr) | | | | | | | 100 |
| | second:special conditions | | | | | | | |
| | 1-seller should install , operate and check the plant | | | | | | | |
| 2-seller should supply 5 - years spare parts | | | | | | | | |
| 3- seller should supply operation and maintenance catologes | | | | | | | | |
| 4- seller should train the technical staff during installation and intiol start-up in site and factory | | | | | | | | |
| 02-06-00788 | fire water pump | | | | | | | |
| | typ | power | REV sec | suction MM | dishiarge MM | capacity L.S | head M | |
| horizontal 3 1500 73.2 73.2 5 L.S 15m | | | | | | | | 100 |
| 02-06-00789 | water pump for tank | | | | | | | |
| | typ | power | REV sec | suction MM | dishiarge MM | capacity L.S | head M | |
| horizontal 0.75 1500 24.4 24.4 1.5 L.S 15m | | | | | | | | 100 |
| electrical distribution | | | | | | | | |
| item | | no. of phases | | no. of polese | | voltage | amper | |

| | | | | | | |
|----------------------|--|--------------|-----------------------|-----------------------|----------------------|-------|
| 02-06-00790 | circuit breaker | 3 | 4 | 380V | 60A | 1000 |
| 02-06-00791 | contractor | | 4 | 380v | 60A-40A | 1000 |
| 02-06-00792 | over load | | 3 | 380v | 60A-40A | 1000 |
| 02-06-00793 | switch | | | 380v | | 1000 |
| 02-06-00794 | oxygen supply station and equipment | | | | | 100 |
| 02-06-00795 | flometer oxygen center : adapter | | | | | 100 |
| 02-06-00796 | telephone instrument | | | | | 20000 |
| | telephone instrument:- analogve type using both tone and pulse dialing ,suitable for electronic and cross bar exchanges | | | | | |
| fan coil unit | | | | | | |
| | No. of fan | No. of motor | type of fan coil unit | water temp. (in-out)c | capacity (ton) | Qty. |
| 02-06-00797 | 2 | 1 | chiding horizontal | 90 | 20 | 500 |
| 02-06-00798 | 21 | 21 | chiding horizontal | (6 - 10) , (15 - 20) | (1/4) | 500 |
| 02-06-00799 | 2 | 1 | chiding horizontal | (8 - 12) | (2-3) | 500 |
| 02-06-00800 | 2 | 1 | chiding horizontal | (8-6) , (58-60) | 550m ³ /h | 500 |
| 02-06-00801 | 2 | 1 | chiding horizontal | - | 1 | 500 |
| 02-06-00802 | motor control board | | | | | 200 |
| | complete motor control board , 3ph , star - delta starting with all nessecery contacters and fuses and protection devises , the power of the motor as bellow | | | | | |
| | 3.5KW | | | | | |
| | 4.5KW | | | | | |
| | 5.5KW | | | | | |
| | 15KW | | | | | |
| | 11.5KW | | | | | |
| | 55KW | | | | | |
| | 75KW | | | | | |
| | 22KW | | | | | |
| | 30KW | | | | | |
| 02-06-00803 | briller type writer german type (portable) | | | | | 500 |
| 02-06-00804 | record cassette japanese from (60) minate | | | | | 2000 |
| 02-06-00805 | record cassette (with out radio) japanese origin or european origin | | | | | 500 |

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|-------------|--|-------|----------|----------|------|
| 02-06-00806 | full set of kits for repairing/maintaining equipment (microelectronic equipment) hearing aids | | | | 100 |
| 02-06-00807 | computer screen for weak vision person (weak sighted) | | | | 100 |
| 02-06-00808 | duplicator recorder cassette | | | | 100 |
| 02-06-00809 | electrical fitting | | | | |
| | required material | power | voltage | size | qty. |
| | fluorescent | 35W | 220V | TLD 4x35 | 2000 |
| 02-06-00810 | chilled water pump | | | | |
| | kw | r.p.m | Q L/S | Hm | QTY |
| | 4 | 1500 | 41 | 7.5 | 500 |
| | 5.5 | 1500 | 20 | 20 | 500 |
| | 11 | 1500 | 27 | 35 | 500 |
| | 15 | 1500 | 30 | 30 | 500 |
| | 22 | 1500 | 65 | 24 | 500 |
| | 30 | 1500 | 42 | 42 | 500 |
| | 20 | 3000 | 45 | 24 | 500 |
| 02-06-00811 | water pump for sanitary (hot water) | | | | |
| | kw | r.p.m | Q L/S | Hm | QTY |
| | 3 | 3000 | 8.3 | 32 | 500 |
| | 5.5 | 1500 | 7 | 35 | 500 |
| | 11 | 3000 | 5.5 | 50 | 500 |
| 02-06-00812 | water pump for tank | | | | |
| | kw | r.p.m | Q L/S | Hm | QTY |
| | 0.75 | 3000 | 1.5 | 60 | 1000 |
| | 3 | 1500 | 5 | 30 | 1000 |
| | 5.5 | 1500 | 10 | 30 | 1000 |
| | 7.5 | 1500 | 40 | 20 | 1000 |
| | 15 | 1500 | 16.6 | 44 | 1000 |
| | 22 | 1450 | 28 | 40 | 1000 |
| | 7.5 | 3000 | 1.25 | 85 | 1000 |
| 02-06-00813 | 1) Galvanized Steel Pipes And Fittings Galvanized steel pipes and fitting conforming to BS 1387 or equivalent with 10 bar working pressure, all joints shall be screwed to B.S. 21 up to 50mm diameters, on large diameters (65mm and over) flanged joints shall | | | | |

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|--------------------|---|---|--|
| | <p>Flange shall be conforming to B.S 4504 part 1.</p> <p>1-1) Piping:- O 15 mm (6m length /piece)</p> <p> O 20 mm</p> <p> O 25 mm</p> <p> O 32 mm</p> <p> O 40 mm</p> <p> O 50 mm</p> <p> O 65 mm</p> <p> O 75 mm</p> <p> O 100 mm</p> <p>1-2) Ditto:- but with 15 bar working pressure</p> <p> O 100 mm (6m length / piece)</p> <p> O 150 mm</p> | <p>Pieces</p> <p>=</p> <p>=</p> <p>=</p> <p>=</p> <p>=</p> <p>=</p> <p>=</p> <p>=</p> <p>=</p> <p>Pieces</p> <p>=</p> | <p>2500</p> <p>2000</p> <p>1500</p> <p>1000</p> <p>1000</p> <p>1500</p> <p>1000</p> <p>1000</p> <p>500</p> <p>500</p> <p>300</p> |
| 02-06-00814 | 2) <u>Copper Pipes And Fittings</u> | | |
| | <p>2-1) Copper tubes and compression or capillary fittings to BS 2871 part 1 table x</p> <p> O 10 mm</p> <p> O 15 mm</p> <p> O 22 mm</p> <p> O 28 mm</p> <p> O 35 mm</p> <p> O 42 mm</p> <p> O 54 mm</p> <p> O 67 mm</p> <p> O 76.1 mm</p> <p> O 108 mm</p> <p> O 159 mm</p> <p>2-2) Ditto:- but to BS 2871 part 1 table T with fittings</p> <p> O 35 mm</p> | <p>M.L</p> <p>=</p> <p>=</p> <p>=</p> <p>=</p> <p>=</p> <p>=</p> <p>=</p> <p>=</p> <p>=</p> <p>M.L</p> | <p>5000</p> <p>7500</p> <p>7500</p> <p>7500</p> <p>5000</p> <p>5000</p> <p>5000</p> <p>5000</p> <p>6000</p> <p>4000</p> <p>3500</p> <p>3000</p> |

| | | | |
|--------------------|--|--------|------|
| | O 42 mm | = | 3000 |
| | O 54 mm | = | 5000 |
| | O 67 mm | = | 4000 |
| | O 76.1 mm | = | 4000 |
| | O 108 mm | = | 3500 |
| 02-06-00815 | 3) <u>Ductile Iron Pipe And Fittings</u> | | |
| | Ductile iron pipes and fittings according to BS 4772 jointing should be flanged type with rubber gasket with 15 bar working pressure. | | |
| | O 75 mm (6 m length / piece) | Pieces | 500 |
| | O 100 mm | = | 750 |
| | O 125 mm | = | 750 |
| | O 150 mm | = | 1000 |
| | O 200 mm | = | 2000 |
| | O 250 mm | = | 1500 |
| | O 300 mm | = | 1500 |
| | O 350 mm | = | 1500 |
| | O 400 mm | = | 1000 |
| 02-06-00816 | 4) <u>Cast Iron Pipes And Fittings</u> | | |
| | 4-1) Socketless cast iron pipes and fittings in accordance with BS 437 or equivalent for drain pipes and fittings complete with coupling and rubber gasket | | |
| | O 50 mm (3m length / piece) | Pieces | 1000 |
| | O 75 mm | = | 500 |
| | O 100 mm | = | 1250 |
| | O 150 mm | = | 1000 |
| | O 200 mm | = | 1000 |

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|--------------------|---|--------|------|
| | O 250 mm | = | 1200 |
| | O 300 mm | = | 750 |
| | 4-2) Ditto, but conform to BS 416 for soil, waste and ventilation | | |
| | O 50 mm (3m length / piece) | Pieces | 750 |
| | O 75 mm | = | 500 |
| | O 100 mm | = | 1000 |
| | O 150 mm | = | 500 |
| | O 200 mm | = | 350 |
| | 4-3) Ditto, but conform to BS 460 for roof drainage | | |
| | O 75 mm (3m length / piece) | Pieces | 250 |
| | O 100 mm | = | 750 |
| | O 150 mm | = | 300 |
| | 4-4) Ditto, but for roof outlets | | |
| | - vertical type | | |
| | O 75 mm | NOS | 50 |
| | O 100 mm | = | 100 |
| | O 150 mm | = | 70 |
| | - horizontal type | | |
| | O 75 mm | NOS | 50 |
| | O 100 mm | = | 100 |
| | O 150 mm | = | 60 |
| 02-06-00817 | 5) Sectional Pressed Steel Tanks | | |

| | | | |
|---------------------------|---|-----------------------|-------------------|
| | <p>Sectional pressed steel tanks shall be consists of (1x1)m dimensions galvanized plates modular or (1.22 x 1.22) m to BS 1564. All plates shall be of 6 mm thickness, the cover shall be of 3 mm thickness. The tanks have compartments. The tank plate shall b</p> <p>The tank should be provided with all necessary accessories such as floats ventilators, manhole opening, inside and outside ladder, over flow and drain pipes with level indicator Etc.</p> <p>Strip jointing must be provided for all joints.</p> <p>5-1) Pressed steel tank of 100 m³</p> <p>5-2) Pressed steel tank of 280 m³</p> | <p>No.</p> <p>No.</p> | <p>1</p> <p>1</p> |
| <p>02-06-00818</p> | <p>6) Water Service Booster Pump</p> <p>6-1) Three centrifugal pumps, direct coupled, end suction type arranged to run as two duty/one standby. The pumps have the following specifications: Q= 15m³/hr - H= 65m Casing:- cast iron Impeller:- bronze shaft:- stainless steel Seal:- mechanical Insulation:- class F IP:- 54 suitable for 380V/ 3pH/ 50Hz</p> <p>6-2) Two pneumatic pressure vessel of 2m³ capacity and 10 bar working pressure. complete with oil free compressor</p> <p>6-3) All necessary accessories such as isolating valves on suction and discharge, non return valves, pressure and flow gauges, pressure swtiches....etc.</p> <p>6-4) Control panel</p> | | |

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| | The whole assembly shall be mounted on a purpose made base from complete with steel pipe work, pipe supports and lifting lugs. | unit | 1 |
| 02-06-00819 | 7) <u>Fire Fighting Pumps Set (Wetriser)</u> 7-1) Ditto, as item 6-1, but two multistage pumps (horizontal type, one duty / one stand by) Q= 90 m ³ /hr H= 90M 7-2) Ditto, as item 6-1, but one pump multistage vertical type with Q= 10m ³ /hr H= 90M (as Jocky pump) 7-3) Ditto, as item 6-3 7-4) Ditto as item 6-4 | unit | 1 |
| 02-06-00820 | 8) <u>Fire Fighting Pumps Set (Hose Reel)</u> Ditto, as item (7), but without providing Jocky pump. Q= 8m ³ /hr - | unit | 1 |
| 02-06-00821 | 9) <u>Drainage Submersible Pumps Set</u> Fully automatic drainage pump set, comprises of two pumps, non clogging type, motor squirrelcage, 3pH with class F insulation, complete with guide rails for retaining pump position, and chain shall be attached to the pump. The set shall be complete with i Casing:- cast iron Impeller:- cast iron shaft:- stainless steel Seal:- mechanical 9-1) Q= 25m ³ /hr - H=10M 9-2) Q= 20m ³ /hr - H=12M 9-3) Q= 15m ³ /hr - H=12M 9-4) Q= 10m ³ /hr - H= 10M 9-5) Q= 5m ³ /hr - H=12M | unit unit unit unit unit | 10 10 10 10 10 |
| 02-06-00822 | 10) <u>Sewage Submersible</u> | | |

| | | | |
|--------------------|--|------------------------------|----------------------|
| | Ditto for sewage submersible 10-1) 20m ³ /hr - H=10M 10-2) 10m ³ /hr - H=10M 10-3) 5m ³ /hr - H=12M 10-4) 3m ³ /hr - H=12M | unit unit unit unit | 10 10 10 10 |
| 02-06-00823 | 11) <u>Circulating Pumps Units</u> Electrical inline circulator pumps with variable velocities. Motor of non-over loading characteristics with by pass arrangement, valves, timer... etc. The unit shall be complete with control panel. Q= 5m ³ /hr - H=12 | unit | 8 |
| 02-06-00824 | 12) <u>Make-up Boosting Pumps Set (Cooling Tower)</u> Ditto as item 6 but with the following specification:- Q= 20m ³ /hr H= 35M Complete with two diaphragm pressure vessel of capacity 500 liter per each. | unit | 1 |
| 02-06-00825 | 13) <u>Water Softener</u> Fully automatic duplex softener complete with necessary accessories such as piping, valves, flow meters, pressure gauges complete with control panel ... etc. Flow rate= 20m ³ /hr Inlet pressure= 1.5bar working pressure= 10bar | unit | 1 |
| 02-06-00826 | 14) <u>Heavy Duty Filters</u> Fully automatic packaged unit high rate multi-layered sand filters complete with main operating valves , pipes and fitting ,flow control , controls, filter media and accessories such as pressure gauges ,cocks for inlet and outlet with 10 bar working pres 14-1) Flow rate 30 m ³ /hr 14-2) Flow rate 60 m ³ /hr | No. No. | 1 1 |

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|-------------|---|--|-----------------------------------|
| 02-06-00827 | <u>15) Actived carbon Filters</u> Ditto , but with activated carbon beds with 10 bar working pressure 15-1) Flow rate 25 m3/hr 15-2) Flow rate 50 m3/hr | No. No. | 1 1 |
| 02-06-00828 | <u>16) Cast iron adaptor</u> 16-1) Cast iron (mentioned in item 4) adaptor to be connected with upvc pipes conform to BS 4514 . For soil and ventilating pipes : 50 mm 75 mm 100 mm | Nos Nos Nos | 100 80 100 |
| | 150 mm 200 mm 16-2) Ditto but be connected with pvc pipes 50 mm 75 mm 100 mm 150 mm | Nos Nos Nos Nos Nos Nos | 60 45 150 75 90 50 |
| 02-06-00829 | <u>17) Flexible Hose</u> 17-1) Rubber flexible hose used for connection between sanitary fixture and feeding water pipes :- working pressure 3.5 bar diam 15 mm 17-2) Ditto, but copper hose working pressure 7 bar diam 15 mm | Nos. Nos. | 300 500 |
| 02-06-00830 | <u>18) Sanitary Fixtures</u> Vitrus china (or equivalant) sanitary fixtures of white colour .All fixtures shall be of the best quality . 18-1) Eastern style wc (100 mm s trap) supplied with vitrus china cistern of 14 lit capacity complete with ball valve and float .All wcs shall be provided with accessories. | Nos | 80 |
| | 18-2) Ditto , but "P" trap | Nos | 75 |

| | | | |
|--------------------|---|--|--------------------------------------|
| | Cast iron grease trap with 100 MM mm outlet with access at ground level, supplied with single seal cover and frame and screwed flange for 50 mm vent , supplied with galvanized sediment pans . | Nos | 30 |
| 02-06-00832 | <u>20) Covers and Frames</u> 20-1) Medium duty double sealed cast iron cover and frames with the following size : REF! C25525 mm - 600 x 450 mm - 900 x 600 mm 20-2) Ditto, but heavy - Diam 550 mm 20-3) Ditto, but heavy medium grating and frames 600 x 450 20-4) Ditto, but for Hydrant cover and frame 500 x 350 20-5) Ditto, but special purpose covers and frames have a single seal and supplied with 4 brass screws. | Nos. Nos. Nos. Nos. Nos. Nos. | 120 50 70 200 100 100 |
| | The top is recessed for filling to material match the surrounding surfaces. 20-6) Ditto, but roadway gratings and frames 500 x 350 20-7) Ditto, but heavy duty cast iron channel grating , supplied with lugs cast at 30 cm centers. Size 100 x 30 cm | Nos. Nos. Nos. | 75 500 500 |
| 02-06-00833 | <u>21) Pillar Fire Hydrant</u> | | |

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| | 21-1) A pillar fire hydrant consists of a body equipped with "3" nozzles , one forward 100 mm and two side ways 65 mm . The body projects a bove ground level .The valve box containing the closure device below ground between these two main 100 mm diam. sta | Nos. | 50 |
| | 21-2) Ditto,but consists of 2 nozzels 80 mm forward nozzel and 65 mm side way nozzel | Nos. | 50 |
| | 21-3) Ditto , but fire and washing hydrant consists of iron body . The box enclosing on outlet nozzel . It has a detachable ductile 80 mm hydrant 65mm nozzel | Nos | 50 |
| 02-06-00834 | <u>22) Hose Real & Wet Riser / Cabinet</u> 22-1) Hose real cabinet accomodates a manually or automatically operated swinging hose reel which can be combined with a matching wer riser or extinguisher cabinet . Door have right opening and swing through a full 180 : Size :- 1350 x 810 x 355 mm Construction :- steel . Door panel shall be provided with stainless steel finger panel Capacity :- 30 x 19 mm Nozzle :- jet (hose reel) Pressure:- max. operation pressure 10 bar | Nos. | 25 |
| | 22-2) Ditto, swinging open wall hose reel Diam:- 560 mm Overall height:- 610 mm Width:- 250 mm | Nos. | 10 |
| 02-06-00835 | <u>23) Dimener lized water</u> Full automatic , Duplex Dimenerlizer complete with necessary accessories such as piping , | | |

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| | <p>regulating valves ,valves , flow meters , pressure gauges complete with control paneletc.</p> <ul style="list-style-type: none"> - flow meter 25 m3/hr - inlet pressure 1.5 bar - working presure 10 bar | set | 1 |
| 02-06-00836 | <p><u>24) Distilled Water</u> Ditto , but Duplex Distiller , but of flow rate 20 m3/hr</p> | set | 1 |
| 02-06-00837 | <p><u>Centrifugal Water Chiller</u> <u>Type</u> - Centrifugal , water cooled <u>Compressor and motor</u> The compressor - motor combination shall be Hermatic construction complete with starter and capacitor for power factor correction .The motor power is 3-phase 380 volt, 50 HZ with main power factor of o.91 at full load <u>Cooler and Condenser</u> Cooler and condenser shall be shell and tube designed for (10) atm water side working pressure <u>Control Panel</u> Automatic control panel shall be electronic type including all safety devices. <u>Evaporator Data</u> Fouling factor =0.0002 m2.hr.CúKcal Ent. Water temp . =11.6Cú Leav. Water temp . =6 Cú Max. water pressure drop =6 M.water Gauge <u>Condenser Data</u> Fouling factor= 0.0004 m3.hr.Cúkcal Ent. Water Temp = 29.4 Cú</p> | | |

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|--------------------|--|------|------|
| | Leav. Water Temp =35 Cú Max. water pressure drop =7 M.water Gauge Capacity 1200 000 kcal/hr (400 ton) | 4 | Nos. |
| 02-06-00838 | <u>Hot Water Boiler</u> <u>Type IN LINE</u> Electric <u>Tank</u> shall be constructed from low carbon steel - working pressure 7.5 bar <u>Heating</u> Elements shall be of immersion type copper sheath of 11.6 watt/cm2 max.density <u>Control</u> proportional temperature control with multi - step control complete with control board and all safety devices capacity 650 kw | Nos | 4 |
| 02-06-00839 | <u>Pumps</u> <u>Type</u> End - section centrifugal oase mounted , direct coupled <u>Impeller Material</u> Bronze Shaft material stainless steel seal -Mechanical <u>Motor</u> squirrel cage, drip proof type 1450 R.P.M <u>Base Material</u> cast iron or welded steel chiled water pump capacity 61 L/S Head 45 m | Nos. | 4 |

| | | | |
|--------------------|---|------|---|
| | Hot water pump capacity 14 L/S Head 42 m Condenser water pump capacity 76 - L/S Head 18 m | Nos. | 4 |
| | | Nos. | 4 |
| 02-06-00840 | <u>Cooling Tower</u> <u>Type- outdoor</u> forced draft <u>casino - hot dip</u> galvanized steel of min thickness 1.6 mm <u>Lowers , eliminators</u> and air inlet screen are hot dip galvanized steel <u>Full: shall be polyvinal</u> | | |
| | <u>Basin-</u> <u>shall be hot dip galvanized steel of min - thickness 3.5 mm</u> <u>Water distribution</u> shall be galvanized steel pipes with bronze non - clog spray nozzles <u>Motors</u> Outdoor use with class " F" insulation <u>Electric power</u> 3 phase / 380v/50HZ <u>Water Temp</u> IN- 35 Cú out 29.4 Cú <u>Out door wet bulb</u> temp- 27 Cú Heat Rejection Capacity 1500 000 K cal/ HR | | |
| 02-06-00841 | <u>Roof Top Packaged</u> | Nos | 4 |

| | | | |
|--------------------|--|------------------------------|----------------------|
| | A/C unit - Air Cooled Max ambient outdoor working temp -52Cú Entering Air temp to condenser -46Cú Unit shall be complete with filter thermostat Capacity 69000 kcal/hr Capacity 56000 kcal/hr Capacity 45000 kcal / hr Capacity 33000Kcal / hr | Nos. Nos. Nos. Nos. | 10 8 8 6 |
| 02-06-00842 | <u>Roof Ventilator</u> Horizontal discharge Power 400v/3ph/50 hz Unit shall be complete with back draught shutter, bird guard local isolating switch and speed control External static pressure 6mm .W.G Capacity 1200 m3/hr Capacity 2000 m3/hr Capacity 3000 m3 /hr Capacity 4000 m3/hr | Nos. Nos. Nos. Nos. | 10 10 10 10 |
| 02-06-00843 | <u>Supply Air Linear slot diffuser</u> <u>Diffuser shall be constructed from Aluminum natural colour</u> slot width 19mm integral volume control damper,fully adjustable from the face of the diffuser <u>complete with air deflection blade+B400s,mounting bracket.</u> A) 3 SLOT B) 4 SLOT C) 5 SLOT | M.L M.L M.L | 1000 1000 600 |
| 02-06-00844 | <u>Supply Air square diffuser</u> <u>alumin. construction</u> <u>complete with volume control damper of opposed blade type</u> | | |

| | | | |
|--------------------|--|------|------|
| | A) size (neck)mm 225x225 | Nos. | 200 |
| | B) 300x 300 | Nos. | 300 |
| | C)375 x 375 | Nos. | 300 |
| 02-06-00845 | <u>Supply Air Register</u> aluminum construction with volume control damper. adjustable front horizontal bars and rear vertical adjust. bars neck size (B x H) mm | | |
| | 400 x 150 | Nos. | 100 |
| | 500 x 150 | Nos. | 100 |
| | 600 x 150 | Nos. | 100 |
| | 700 x 150 | Nos. | 100 |
| | 800 x 200 | Nos. | 100 |
| | 900 x 200 | Nos. | 100 |
| 02-06-00846 | <u>Exhaust Air Valve</u> shall be aluminum white colour complete with counter frame nominal diameter mm | | |
| | Diam. 100 | Nos. | 20 |
| | Diam. 150 | Nos. | 20 |
| 02-06-00847 | <u>Piping</u> Black steel class B,schedule 40,with 10.5 Kg/cm2, seamless with fittings.B432 pipe size(mm diam.) | | |
| | 300 | M.L | 500 |
| | 250 | M.L | 1000 |
| | 200 | M.L | 1000 |
| | 150 | M.L | 2000 |
| | 125 | M.L | 2000 |
| | 100 | M.L | 3000 |
| | 80 | M.L | 3000 |
| | 65 | M.L | 3000 |
| | 50 | M.L | 5000 |

| | | | |
|--------------------|--|------|------|
| | 40 | M.L | 5000 |
| | 32 | M.L | 5000 |
| | 25 | M.L | 5000 |
| | 20 | M.L | 5000 |
| | 15 | M.L | 5000 |
| 02-06-00848 | <u>VALES</u> | | |
| | cast iron gate valve with flanges 10.5 kg/cm2 | | |
| | 250 mm | Nos. | 50 |
| | 200 mm | Nos. | 60 |
| | 150 mm | Nos | 60 |
| | 125 mm | Nos | 60 |
| | 100 mm | Nos | 60 |
| | 80 mm | Nos | 40 |
| | 65mm | Nos | 40 |
| | Bronze gate valve serewed end- non-rising stem | | |
| | 50 mm | Nos | 100 |
| | 40mm | Nos | 100 |
| | 32 mm | Nos | 100 |
| | 25mm | Nos. | 100 |
| | 20 mm | Nos. | 100 |
| | 15 mm | Nos. | 200 |
| 02-06-00849 | <u>Galvanized sheet steel</u> | | |
| | Galvanized sheet steel (duct material) | | |
| | U.S steel gouge | | |
| | 18 | TON | 25 |
| | 20 | TON | 50 |
| | 22 | TON | 50 |
| | 24 | TON | 25 |
| 02-06-00850 | <u>Duct thermal insulation</u> | | |

| | | | |
|--------------------|--|-------|------|
| | colours | | |
| | B-1 2.5 mm ² | | |
| | Red | Coils | 1500 |
| | Black | Coils | 1500 |
| | Blue | Coils | 1500 |
| | Yellow | Coils | 1500 |
| | Grn/Ylw | Coils | 1500 |
| | B-2 1.5 mm ² | | |
| | Red | Coils | 1000 |
| | Black | Coils | 1000 |
| | Blue | Coils | 1000 |
| | Yellow | Coils | 1000 |
| | Grn/Ylw | Coils | 1000 |
| | B-3 4mm ² | | |
| | Red | Coils | 500 |
| | Black | Coils | 500 |
| | Blue | Coils | 500 |
| | Yellow | Coils | 500 |
| | Grn/Ylw | Coils | 500 |
| | B-4 6mm ² | | |
| | Red | Coils | 500 |
| | Black | Coils | 500 |
| | Blue | Coils | 500 |
| | Yellow | Coils | 500 |
| | Grn/Ylw | Coils | 500 |
| 02-06-00854 | <u>Telephone Cables & Accessories</u> | | |
| | A) Telephone cables: - | | |
| | PVC/Bare copper conductor 0.6mm/tinned /PVC | | |
| | A-1) 10 pair. | M.L | 5000 |
| | A-2) 20 pair. | M.L | 5000 |
| | A-3) 30 pair. | M.L | 5000 |
| | Packing: on wooden drums. | | |

| | | | |
|--------------------|---|------|-------|
| | <u>B) Accessories: -</u> | | |
| | Terminal Box-Flush Mounted Steel Grey / rust proof + Terminal block. | | |
| | B-1) 10 pair. | No. | 50 |
| | B-2) 20 pair. | No. | 50 |
| | B-3) 30 pair. | No. | 50 |
| | B-4) 100 pair. | No. | 20 |
| 02-06-00855 | <u>Conduit & Accessories</u> | | |
| | A) Size 20mm: - | | |
| | A-1 Hot dip galvanized heavy gauge steel conduit, screwed both ends, one coupler, 3.75m long to BS 4568. coupler, 3.75m long to BS 4568. | Cond | 10000 |
| | A-2 Galvanized circular malleable iron junction boxes. | | |
| | Terminal | No. | 2000 |
| | Through | No. | 5000 |
| | Angle | No. | 2000 |
| | Tee | No. | 2000 |
| | Intersection | No. | 3000 |
| | B) Size 25mm: - | | |
| | B-1 Hot dip galvanized heavy gauge steel conduit, screwed both ends, one coupler, 3.75m long to BS 4568. | Cond | 5000 |
| | B-2 Galvanized circular malleable iron junction boxes. | | |
| | Terminal | No. | 1000 |
| | Through | No. | 1000 |
| | Angle | No. | 1000 |
| | Tee | No. | 1000 |
| | Intersection | No. | 1000 |
| | C) Draw in steel tape: - | | |
| | C-1 20m length | No. | 50 |

| | | | |
|--------------------|--|---------|------|
| | A-2 two way 1 gang | NOS | 500 |
| | A-3 one way 2 gang | NOS | 500 |
| | A-4 one way 2 gang | NOS | 500 |
| | A-5 one way 3 gang | NOS | 500 |
| | A-6 one way 4 gang | NOS | 500 |
| | B-SWITCHES SOCKETS | | |
| | 3 pin Rectangular bs 2814- 13 or 15 Amp | | |
| | Fluch mounting-white cover Bs 1863 | | |
| | B-1 3pin rectangulaectan-13 Amp | NOS | 5000 |
| | B-2 3pin rectangulaectan-Duplex13 Amp | NOS | 5000 |
| | B-3 3pin rectangulaectan-15 Amp | NOS | 5000 |
| | B-4 2Amp Telephone socket | NOS | 5000 |
| | B-5 T.Vsocket single out let | NOS | 1000 |
| 02-06-00858 | <u>Fire Alarm System</u> | | |
| | A-1) central Indication and control panel suitable for 6 fire zones with fire alarm bell complete with all safety device and outomatic charger including nickel cadmium battery with connection to the central Indicationg and control board | No.C741 | 1 |
| | A-2)Manual call station break glass units-surface mounted- red coulour the glasses can be supplied in english language | NOS | 15 |
| | A-3) complete with amounting base outomatic smoke detector off white coulour withvisual of an alarm is given by red light diode clearlyn visble on the detector casing ambient temp range (0c- 50c) | NOS | 70 |
| | A-4)complete with a amounting base amount-ing heat detector with visual Indication of an alarm is given by red- light diode, clearly visble on detector with base off | | |

| | | | |
|---------------------|---|--|---|
| | white colour ambient range (0c- 40c) | NOS | 10 |
| | A-5) Indoor fire alarm bell 24v.Ds black poly-carbonete base.6" hight reliability, long running life and easy installation,nomaintenance in normal use. | NOS | 15 |
| 02-06-00859 | <u>Light fittings: -</u> NOTE: Below mentioned fluorescent fittings . are security quick startPower factor not less than 0.9 Lagging 240 volt-AC 50HZ. A-1) 2 x 40w fluorescent fitting with Lamella louver -recessed mouting A-2) 2 x 40w fluorescent fitting with Lamella . louvre-Surface mounting A-3) 1 x 40w fluorescent fitting with Lamella lovre-Recessed mounting. A-4) 1 x 40w fluorescent fitting with Opal Diffuser-Surface mounting. A-5) 2 x 20w fluorescent light fitting with Opal Diffuser-Surface mounting. A-6)4 x 20w fluorescent light fitting with Opal Diffuser-Surface mounting. A-7)60 X 60 cm Fluorescent light with lamela diffuser | NOS NOS NOS NOS NOS NOS NOS NOS NOS NOS | 400 250 400 250 500 500 400 |
| 02-06-00860 | <u>Aluminum false ceiling</u> closed type with all fixing accessories 30 x 60 cms 30 x120 cms 60 x 60 cms 10 x 360 cms suspension accessories and angle bead | M ² M ² M ² M ² M ² | 4000 4000 12000 5000 25000 |
| 02--06-00861 | <u>Door closers</u> Yale type or equivalent with all accessories | No. | 100 |
| 02--06-00862 | <u>Expansion joint beads</u> made of stainless steel, 0.5mm thick | M.L | 500 |
| | Floor type | M.L | 200 |

| | | | | | | | | | | |
|-------------|--|--|-------------------------------|--------------------------|--|-----------------|-------------------------------------|------------------------------|-----------------|------------|
| | Wall type | | | | | M.L | 450 | | | |
| | Ceiling type | | | | | M.L | 100 | | | |
| 02-06-00863 | Special doors | frames and door leaves different dimensions,with door handles (cylinder and bath). | | | | No. | 450 | | | |
| 02-06-00864 | Anti static Vinyl tiles | 120cm width, 3.5 mm thickness, with welding rods and fixing materials. | | | | M ² | 500 | | | |
| 02-06-00865 | Ceramic tiles | 10 x 10 cm, 6mm thick, non-slip ceramic | | | | M ² | 3500 | | | |
| 02-06-00866 | Epoxy paints | for walls | | | | Lit | 3000 | | | |
| 02-06-00867 | Metal Lath | 60 x 240 cm, weight 1.7 kg/m2 | | | | M ² | 5000 | | | |
| 02-06-00868 | diesel pump | | | | | | | | | |
| | HP | r.p.m | Q m³/hr | Hm | QTY | | | | | |
| | 60-75 | 1450 | 200 | 60 | 100 | | | | | |
| 02-06-00869 | electrical pump | | | | | | | | | |
| | HP | r.p.m | Q m³/hr | Hm | QTY | | | | | |
| | 60-75 | 1450 | 200 | 60 | 100 | | | | | |
| 02-06-00870 | NON-ION IC WATER SYSTEM 1-capacity:-3-4 m ³ /hr 2-conductivity (mixing Of + and -) :- (0.1 - 0.5)MS 3-raw water input | | | | | 100 | | | | |
| | main components 1-primary water tank (1m ³) 2-two duplex primary water pumps (6m ³ /hr , 2.5bar) 3-three primary filters (25 micron) 4-four duplex water softener (cationic , 5m ³ /hr) 5-secondary filters (5micron) 6-two duplex mixed bed deionizer (3-4m ³ /hr | | | | | | | | | |
| | air handling unit (AHU) | | | | | | | | | |
| | type of fulter | power (KW) | no of motor | type of air (AHU) | connecti size on (in-out) for each coil | air flow | water fflow m³/hr | water temp (in-temp)C | capacity | qty |

| | | | | other type | in-line | | for cooling | for heating | for cooling | for heating | for cooling | for heating | | |
|-------------|--------|--------------|---------|---------------|---------|-----------------------|----------------|----------------|----------------|----------------|----------------|-----------------|------------|----|
| 02-06-00871 | type | 15 | 1 | _ | in line | 62.5mm | 8 12 | 8 12 | 102 | 45.5 | 8 12 | 8 12 | 350 | 6 |
| 02-06-00872 | type | 17 5.5 10 | 1 14 | _ | in line | in50mm out 50mm | 29153 | 29153 | 3581 | 1750 | 7.2 5 | 82.2 30 - 50 | 5000 | 7 |
| 02-06-00873 | type | 4.1 11 | 1 | _ | in line | 62.5 | 5500/ 2200 | 5500/ 2200 | 13 | 13 | 9 12 | 9 12 | 50 | 2 |
| 02-06-00874 | type | 3.75 | 1 | _ | in line | in36mm out 36mm | 11864 | 11864 | 15.12 | 5.34 | 7.3 | 82.2 | 5000 | 1 |
| 02-06-00875 | type | 7.5 | 1 | _ | in line | in50mm out 50mm | 26271 | 26271 | 21.36 | 6 | 7.2 | 82.2 | 5000 | 1 |
| 02-06-00876 | type | 7.5 | 1 | _ | in line | in36mm out 36mm | 22881 | 22881 | 21.12 | 7.32 | 7.2 | 82.2 | 5000 | 1 |
| 02-06-00877 | type | 7.5 | 1 | _ | in line | in50mm out 50mm | 23220 | 23220 | 39.48 | 17.96 | 7.2 | 82.2 | 5000 | 1 |
| 02-06-00878 | type | 9.3 | 1 | _ | in line | in50mm out 50mm | 25424 | 25424 | 51.7 | 21 | 7.2 | 82.2 | 5000 | 1 |
| 02-06-00879 | type | 5.625 | 1 | _ | in line | in50mm out 50mm | 15424 | 15424 | 31.32 | 12.81 | 7.2 | 82.2 | 5000 | 1 |
| 02-06-00880 | type | 9.3 | 1 | _ | in line | in50mm out 50mm | 29153 | 29153 | 59.5 | 24.4 | 7.2 | 82.2 | 5000 | 1 |
| 02-06-00881 | type | 2.25 | 1 | _ | in line | in50mm out 50mm | 8485 | 8485 | 14.7 | 7.2 | 7.2 | 82.2 | 5000 | 1 |
| 02-06-00882 | MZ | 7.5 | 1 | _ | in-line | | 30 | 30 | 40 | 40 | 6 _ 12 | 82 | 200 lit/mm | 16 |
| 02-06-00883 | normal | 10KW | 1 | _ | in-line | 2" inch | _ | _ | _ | _ | 6_12 | 75-50 | 40 ton | 5 |

| | | | | | | | | | | | | | | |
|-------------|---|-----|---|---|---------|-------|----|----|----|----|-----|----|------------------------|---|
| 02-06-00884 | | 7.5 | 7 | X | _ | 3inch | X | X | X | X | _7_ | 80 | 9500m ³ /hr | 7 |
| 02-06-00885 | _ | 4 | 1 | _ | in-line | _ | 30 | 30 | 40 | 40 | _6_ | 60 | 72.000BT U/hr | 8 |

air handling unit (AHU)

| | type of fulter | power (KW) | no of motor | type of air (AHU) | | connecti size on (in-out) for each coil | air flow | | water fflow m ³ /hr | | water temp (in-temp)C | | capacity | | qty |
|-------------|------------------------------|------------|-------------|-------------------|---------|---|--------------------------|---------------------------|--------------------------------|-------------|-----------------------|-------------|---------------|---------------|-----|
| | | | | other type | in-line | | for cooling | for heating | for cooling | for heating | for cooling | for heating | for cooling | for heating | |
| 02-06-00886 | No.of AHU 15 N.B.S 35% | 18.5 | 1 | | in line | | 32.700 M ³ /H | 32.700 M ⁶ 3/H | 655 L/Min | 107 L/Min | 7C/12C | 83/71C | 189.55 KAL/H | 68.200 KAL/H | 2 |
| 02-06-00887 | No.of AHU 19 N.B.S 80% | | 55 | 1 | in line | | 64.900 M ³ /H | 64.900 M ³ /H | 1202L/Min | 233 L/Min | 7C/12C | 83/71C | 150.200 KAL/H | 400.200 KAL/H | 2 |

fan coil unit

| | no.of fan | no.of motor | type of fan coil unit | | water temp. (In-out) | capacity (ton) | qnt. |
|-------------|-----------|-------------|--------------------------|--------------------|----------------------|----------------|------|
| | | | ground complete vertical | chiding horizontal | | | |
| 02-06-00888 | 2 | 1 | ground | _ | 9 12 | 2 | 52 |
| 02-06-00889 | 1 | 1 | _ | chiding horizontal | 70-11c | 3ton | 350 |
| 02-06-00890 | 1 | 1 | ground | _ | 70-11c | 2ton | 30 |
| 02-06-00891 | 1 | 1 | ground | _ | 70-11c | 2ton | 30 |
| 02-06-00892 | 1 | 1 | ground | _ | 70-11c | 2ton | 25 |
| 02-06-00893 | 3 | 1 | 10 | 18 | 6_12 | 40ton | 28 |
| 02-06-00894 | 4 | 20 | 10 | 10 | 10_12 | 2ton | 20 |
| 02-06-00895 | 2 | 2 | ground | _ | (5_10)c | 2ton | 100 |

02-06-00896

cold stor

- 1-inside temperature (4-16C)
- 2-volume 20M³
- 3-the cold store must be supplied with shade to from raining
- 4-ambieient temperature 55C

100

| | | | |
|--------------------|---|-----|--|
| | <p>5-the walls will be s and outs panel, the out side walls made from aluminum sheets at thickness 0.6mm and the inside walls made from aluminum sheet 0.6 mm,the out sid and the insid walls injected by polyethem with density 40KG/M^3, with thickness (100-120</p> <p>6-the floor made of jacker plane from aluminum</p> <p>7-the door is hinged type</p> <p>8-two cooling unit one work and the other stand by each unit is sufficient to keep inside temperature (4-16C)</p> <p>9-the compressor is semi hermetic type</p> <p>10-the cold store supplied with all the complete control (oil pressure,high-low pressure,thermostat,seloid valve pressure,high-low pressure,thermostat,seloid valve</p> | | |
| 02-06-00897 | <p>refregrater valume for refregrater 35foot^3 220V , 50HZ , 1phase ferion:- R134 internal temperature ranging from +2to +6C inside and out side material stainless steel aolitle/visua/ alarm with battery , low alarm 0C , high alarm +10C autamatic defrosting out side thermometer or the door 7 day recorder double compressor units for additional/safety removabe shalves inside spar parts for 5 years</p> | 100 | |
| 02-06-00898 | <p>water ion exchanger capacity:-20lit/hr</p> | 100 | |
| 02-06-00899 | <p>machine for sealing bottles of plastic & aluminum caps</p> | 100 | |
| 02-06-00900 | <p>central oxygen system <i>capacity:- 20 cylinder</i> 1-tow stages (pressure) a-first stage 160 :- 10Kg/cm^2 b- second stage 10 :- 4Kg/cm^2 right 10 clinder lift 10 :- 4Kg/cm^2 control system 24V</p> | 100 | |
| | <p>2-nitrous system 2 clinder a-first stage 60 - 9Kg/cm^2</p> | 100 | |

| | | |
|--------------------|---|-----|
| | b- second stage 9 - 4Kg/cm ² control system 24V 3-midical gas normal & stand by compress air oilless 2 5 start Kg/cm ² 7stop Kg/cm ² reducing valv for pressure filter system pressure lin 4Kg/cm ² bottle for air 4-central - vacum valume line 1-bottle 2-check valve working pressure start pressure (vacum) 300 mmg stop 500 mm /Kg 300 - 500 mm/Kg | 100 |
| | | 100 |
| 02-06-00901 | softener continuos softener supply as following 1-max.flow :- 1m ³ /hr 2-resin - strong cationic resin sodium base 3-power supply 220V or 380V 50HZ | 100 |
| 02-06-00902 | high tension switch gear vaccum type 11KV input - 420V out put -3ph -800A with complete protection devise | 100 |
| 02-06-00903 | softener continuos softener supply as following 1-max.flow :- 1m ³ /hr-cationic resin sodium base 2-power supply 220V 30W 50HZ | 100 |
| 02-06-00904 | Absolute filter size:- 505mm X 504mm x 150mm dop - test :- 990997% | 200 |
| 02-06-00905 | cold room 3X2 meter | 100 |
| 02-06-00906 | PC computer pantum III | 100 |
| 02-06-00907 | particle detector instrument used to test air purity by filters (HEPA filters)to assess | 100 |

| | | |
|-------------|--|-------------------------------------|
| 02-06-00908 | cold sterilizer sterilizer metal and non-metal instruments as well as sophisticated heat | 100 |
| 02-06-00909 | Table top dry hot air sterilizer | 100 |
| 02-06-00910 | table top formation sterilizer | 100 |
| 02-06-00911 | Atoclave porous material 4ft3 | 100 |
| 02-06-00912 | Plastic sealing machine (with several rolls nylon) | 8 for equipment and (500) for rolls |
| 02-06-00913 | 0.6 / 1.2 kv single core cables , with flexible stranded circular Nominal cross section area mm² | Quantity |
| | 120 | 20000 meter |
| | 240 | 400000 meter |
| | 300 | 120000 meter |
| | 3x50 +25 | 60000 meter |
| 02-06-00914 | Multicore cables , with flexible stranded copper conductor | Quantity |
| | no. of conductors | (meters) |
| | cross section area | |
| | 2x1.5 | 20000 |
| | 2x2.5 | 20000 |
| | 2x4 | 10000 |
| | 2x6 | 6000 |
| | 4x2.5 | 10000 |
| | 4x4 | 20000 |
| | 4x6 | 4000 |
| | 4x10 | 4000 |
| | 4x16 | 4000 |
| | 4x25 | 4000 |
| | 4x35 | 4000 |
| | 3x1.5 | 4000 |
| 3x2.5 | 4000 | |
| 3x4 | 4000 | |
| 3x50 +25 | 4000 | |
| 3x70 +35 | 4000 | |

| | | |
|--------------------|---|---------------------------------------|
| | 3x95 +50 | 4000 |
| | 3x120 +70 | 4000 |
| | 3x150 +70 | 4000 |
| | 3x185 +95 | 4000 |
| | 3x240 +120 | 4000 |
| | 3x300+150 | 4000 |
| 02-06-00915 | Multicore cables with stranded copper conductors PVC insulated | |
| | 3x35 +16 | 4000 |
| | 3x50 +25 | 4000 |
| | 3x70 +35 | 10000 |
| | 3x95 +50 | 4000 |
| | 3x150 +70 | 4000 |
| | 3x185 +95 | 4000 |
| | 3x240 +120 | 4000 |
| | 3x300 +150 | 4000 |
| 02-06-00916 | Cable terminals for cable sizes from 10 mm² to 300 mm² | 2000PIE CES FOR EACH SIZE |
| 02-06-00917 | ELECTRICAL -HYDROIC TERMINAL PRESS MACHINE | 100 |
| 02-06-00918 | MANUAL - HYDROIC TERMINAL PRESS MACHINE | 100 |
| 02-06-00919 | EQUIPPED MOBILE LAB. FOR OCCUPATIONAL HEALTH AND SAF | 100 |
| 02-06-00920 | EQUIPPED MOBILE LAB. Containing (noise level analyzer | 100 |
| 02-06-00921 | DO for cheking(BOD) , (ultra-dometer) instrument for determination of quantity of the mount of extracts . Service system | 100 |
| 02-06-00922 | electric refrigerator | 100 |
| 02-06-00923 | kerosen refrigerator | 100 |
| 02-06-00924 | vedio casset + CD | 100 |
| 02-06-00925 | colour televsion (size : 24 note) | 100 |
| 02-06-00926 | telephone instrument | 100 |
| 02-06-00927 | refregerated centrifuge | 100 |
| 02-06-00928 | refregerated /heating water circulator (-10 TO 100 C) | 100 |
| 02-06-00929 | freezer (-70) | 100 |
| 02-06-00930 | refrigerator | 100 |
| 02-06-00931 | microbiological safety cabinet and chemical hood and laminar | 100 |
| 02-06-00932 | phto copy machine | 100 |
| 02-06-00933 | cuntarl station computer | 100 |

| | | |
|--------------------|--|-------------------|
| | & terminal | 100 |
| 02-06-00934 | cold room | 100 |
| 02-06-00935 | office operator with 100 lines | 100 |
| 02-06-00936 | power amplifier (100W) model :- lbb 1103 (phillips) | 100units |
| 02-06-00937 | air compressor small for aeration of water sample (1-SL) sample valume | 100 |
| 02-06-00938 | liquid nitrogen container of medium size (20 litres capacity) | 100 |
| 02-06-00939 | softener saadam medical city max flow:-90m ³ /hr max flow:-70m ³ /hr max flow:-50m ³ /hr general softener specification dual/duplex system resin:-strong cation pressure vessel:high quality mild steel B.S 5500 working press 6 bar, valve:- amain multiport valve ,manual and automatic operation brine tank:-poly then with stainer and loose fit couer operation:- flow counter supplied to intiat regeneration cycles piping :- all piping including salt injeotion tubing is supplied design row water condition total hardness 289 to 610 PPM calcium 84 to 323 PPM magnesium 205 to 287 PPM other cation 263 to 675 PPM bicar bonates 160 to 159 PPM chlorides 19 to 159 PPM totanions 263 to 675 PPM chlorin 1 to 2 cl PPM | 100 100 100 |
| 02-06-00940 | ELECTRICAL OPERATED DOORS 1-electric doors shall be of the type sually useel in hos pitals. 2-each door shall be supplied and operated by push button. each two double doors to be electrically inter - locked. NO. 8-groups each group (2)double doors (5) groups for ntrance the operation the consist at electrically inter - 1-5 double doors opening into scup - up withou freme and without 2-5 double doors opening into operation theater | 100 nos |

(2) double glass close winelows door size (1.80) with 2.0mm stanless
 (3)groups for entrance the operation zone each group (2) electrically
 (2-phase) - powder coateel and the coulour will be fixeed latter and each
 No. (2)double doors with single lect.push button doors with (1.8)mm
 No. (5) mechanicall single doors (1.0 x 2.10)MR with (1.8)mm stanless
 door mechanisnm shall be heaney duty mainterance free
 aech door shall be locked when it is not in use
 all inters al other services (elec, Hine mechan, soket , caoted coulour ,
 all dimensions of the are taken from outer to outer door frame

air handling unit (AHU)

| | type of filter | power (KW) | No.of motor | type of (AUH) | | couceton size (in-out)foreach coil | air-flow | | water flow lit/min | | water temp (in- | | capacity KCA/h | QTY |
|--------------------|--|------------|-------------|---------------|---------------------------|------------------------------------|-------------|-------------|--------------------|-------------|-----------------|-------|----------------|-----|
| | | | | other type | in - line | | for heating | for cooling | for heating | for cooling | for heating | | | |
| 02-06-00941 | 2-no.meta-lic washable 50mm thiek 35%&bag 90% | 9 | 1 | _ | in-line mane | _ | 8500 | 151 | 44 | 7.2 12.7 | 71.4 82.2 | 50330 | 10 | |
| 02-06-00942 | 2-no.meta-lic washable 50mm thiek 35%&bag 90% | 10 | 2 | _ | in-line mane | _ | 10650 | 245 | 91 | 7.2 12.7 | 71.4 82.2 | 80900 | 10 | |
| 02-06-00943 | 2-no.meta-lic washable 50mm thiek 35%&bag 90% | 4 | 2 | _ | in-line single zone | _ | 2000 | 58 | 22 | 7.2 12.7 | 71.4 82.2 | 19150 | 10 | |

| | | | | | | | | | | | | | | |
|-------------|---|----|---|---|-------------------|---|-------|-------|-------|-------------|--------------|--------|----|--|
| 02-06-00944 | 2-no metallic washable thick middle effc. F 35% of hepa. F 99.77% | 13 | 2 | - | in-lne multi zone | - | 8500 | 130 | 42 | 7.2 12.7 | 71.4 82.2 | 43050 | 10 | |
| 02-06-00945 | 2-no.meta-lic washable type 50mm thich middle effici-f 35% & bag fill 90% effieic | 15 | 1 | - | single zone | - | 23370 | 377 | 133 | 7.2 12.7 | 71.4 82.2 | 125500 | 10 | |
| 02-06-00946 | 2-no.meta-lic washable type 50mm thich middle effici-f 35% & bag fill 90% effieic | 25 | 1 | - | single zone | - | 32790 | 477.4 | 150.6 | 7.2 12.7 | 71.4 82.2 | 158940 | 10 | |
| 02-06-00947 | requirements for simplex mobile radio system mobile radio system compising the following main items is 1-two base station with dispatcher council to communicate 2. High gain omni - directional antenna and feeder cable 3-10 fixed transceivers with directional antennas feeders 4- 10 mobile vehicular transceivers with antennas feeders 5-15hand uniys with necessary chargers and accessories 6-soare parts with avalue of 10% the total cost of equipment. 7-power supplie for the station and fixed units with U.P.S. 8-appropaiate test equipment-> 9-full installation of the equipment should be part of the | | | | | | 100 | | | | | | | |

| | | | | | | | | |
|--------------------|--|---|---------------|-----------------------|------------------------------|--------------|----------------|------------|
| | 10-on job trining should be offered 11-the frequency of operation will be allocated in the VHF 12-the base sation tx power should be between 10 and 25 13-warrenty one year from date of operation . 14-two years maintenance after period of warrenty. 15-training operaters and technicl staff on factory. 16- 2-complete sets of diagrams and manuals | | | | | | | |
| | ype | | head m | capacity L/min | suction m m | P(KW) | | QTY |
| 02-06-00948 | sewage submersible pump | _ | 22m | 400L/min | discharge 100 mm | 7.5KW | discharge | 10 |
| 02-06-00949 | water pump for sanitary HP2 | vertical | 15m | 50L/min | suction 32m m | 0.75KW | _ | 10 |
| 02-06-00950 | water pump for sanitary HP3 | vertical | 20m | 100L/min | suction 40m m | 1.5kw | _ | 10 |
| 02-06-00951 | chemical dosing pump for cooling tower | vertical | _ | 10kg/cm2 110cc/min | suction 2inch | 30watt | r.p.m= 1300 | 10 |
| 02-06-00952 | circulating water pump HP | vertical | 29.7m | 320 L/m | _ | 2.2 | r.p.m=147 0 | 10 |
| 02-06-00953 | submersible pump SP | _ | 10m | 1000L/m | 100 mm | 3.7 | r.p.m= 1500 | 10 |
| 02-06-00954 | eng camera | | | | | | | |
| | item No. | descripton | | | quantity | | | |
| | 1 | betacam sp camcorder camera PVW-D 30 PF | | | 500 | | | |
| | 2 | play back adaptor VA-300P | | | 500 | | | |
| | 3 | rechargable NI - CD battery | | | 500 | | | |
| | 4 | AC adapter AC - 550 CE | | | 500 | | | |
| | 5 | battry case DC - 520 | | | 500 | | | |
| | 6 | chest pad CAC - 4 | | | 500 | | | |

| | | | |
|--------------------|---|--|-----------------|
| | 7 | microphone holder CAC 12 | 500 |
| | 8 | battrry charger BC - 1 wdce | 500 |
| | 9 | UHF wireless microphone wrt - 830 a with | 500 |
| | 10 | betacam sp 20 min. metaltape | 500 |
| | 11 | betacam SP 30 min. metaltape | 500 |
| | 12 | tripod - vision 10 lf complete set | 500 |
| 02-06-00955 | A/B roll editing system with DFS - 500 P (digital effects) | | |
| | item No. | complete description of item | quantity |
| | 1 | betacam sp recorder | 100 |
| | 2 | betacam sp player | 100 |
| | 3 | editing control unit | 100 |
| | 4 | vtr interf ace | 100 |
| | 5 | serial switche interf ACE | 100 |
| | 6 | B/W data display | 100 |
| | 7 | bme switcher | 100 |
| | 8 | serial switche interf ACE | 100 |
| | 9 | color monitor | 100 |
| | 10 | color monitor | 100 |
| | 11 | dubbing cable (12 pin) | 100 |
| | 12 | remote control cable | 100 |
| | 13 | audio mixer | 100 |
| | 14 | audio amplifire | 100 |
| | 15 | speaker (3 WAY) | pair |
| | 16 | desk & pack mount metal | complete |
| | 17 | main power output with AC out let box | 100 |
| | 18 | bet acam sp plater | 100 |
| 02-06-00956 | cold stor internal temp. raning form (-20c) to (+10C) at the folowing summer : DBT 45C winter : DBT _ 5C internal volum not less than 32 cubic meters referigeration system two indepent refrigeration with an system shall operate from single - phase 220V , 50HZ or 3phase , 4wire 380v | | 100 |
| 02-06-00957 | AMBULANCE PARTITION BETWEEN DRIVER'S COMPARTMENT AND PATIENT'S PARTITION WINDOW LARGE, DOUBLE SLIDING SAFETY GLASS PATIENT'S | | 1000 |

| | | | | |
|--|-------|--|--|--|
| THE PATIENT'S COMPARTMENT IS TO BE FULLY | | | | |
| ROOF HEIGHT | | | | |
| INSIDE HEIGHT NOT LESS THAN 1500MM WITHOUT | | | | |
| FLOORING | | | | |
| HIGH QUALITY FLOORING MATERIAL CEMENTED TO A | | | | |
| MEDICINE CABINETS | | | | |
| THE LEFT WALL OF THE PATIENT'S COMPARTMENT IS | | | | |
| TECHNICIAN SEAT - | | | | |
| PROVISION OF A TECHNICIAN SEAT AT THE | | | | |
| TECHNICIAN SEAT-REAR | | | | |
| PROVISION OF A | | | | |
| INSIDE LIGHTING SYSTEM | | | | |
| THE PATIENT'S COMPARTMENT ELECTRICAL | | | | |
| IDENTIFICATION | | | | |
| THE AMBULANCE IS TO BE IDENTIFIED AS | | | | |
| IT IS TO BE PAINTED CLEAR WHITE | | | | |
| - FOR DECALS FOR THE WORD | | | | |
| RESUSCITATION EQUIPMENT | | | | |
| - TWO OXYGEN BOTTLES, EACH OF 500 | | | | |
| - TWO SPARE OXYGEN BOTTLES OF 500 | | | | |
| - ONE SET OF ENGLISH BULL NOSE VALVE | | | | |
| - THREE OXYGEN MASKS, ONE FOR EACH | | | | |
| - THREE PLASTIC NASAL CANNULAS, TWO | | | | |
| - FOUR OXYGEN CATHETERS, TWO OF | | | | |
| ONE MOUTH TO MOUTH VENTILATION | | | | |
| CYLINDER KEY | 1 FOR | | | |
| OXYGEN FLOW METER /REGULATOR | 1 FOR | | | |
| HUMIDIFIER | 1 FOR | | | |
| PORTABLE OXYGEN KIT | | | | |
| ONE PORTABLE OXYGEN KIT COMPLETE | | | | |
| RESUSCITATOR COMPLETE WITH | 1 FOR | | | |
| RESTRAINING STRAP FOR RESUSCITATOR. | 1 FOR | | | |
| SUCTION SYSTEM | | | | |
| ONE VACUUM APPARATUS INCLUDING AN | | | | |
| FIRST AID EQUIPMENT | | | | |
| A BOX IS TO BE PROVIDED CONTAINING THE FOLLOWING:- | | | | |
| TWENTY PRE- LOCALIZED PADS | | | | |
| TWELVE COMPRESSIVE BANDAGES | | | | |
| - FOUR 10CM ELASTIC STRIPS. | | | | |

- SIX GAUZE BANDEAUS, THREE OF 75MM AND THREE OF 150MM.
- TWENTY GAUZE PADS 10CM BY 10CM, INDIVIDUALLY WRAPPED.
- TWO 5CM ANTI-ALLERGIC ROLLS OF ADHESIVE TAPE.
- FIFTEEN TONGUE DEPRESSORS INDIVIDUALLY WRAPPED.
- ONE 100 ML BOTTLE CONTAINING CHLOREXIDINE BASE DISINFECTANT.

AIR SPLINTS

ONE SET OF AIR SPLINT FOR EACH OF THE UPPER AND lower LIMBS.

STRETCHER

WHEEL STRETCHER WITH ADJUSTABLE

SPARE STRETCHER

FOLDING COLLAPSIBLE STRETCHER WITH

REAR BUMPER STEP

A- REAR BUMPER STEP IS TO BE INSTALLED

BOTTLE HOOKS

BOTTLE HOOKS ARE TO BE INSTALLED ON
SPARE STRETCHER HOLDER

SPECIAL HOOKS ON WALL AND ROOF ARE
EXHAUST-VENTILATOR FAN

ROOF MOUNTED DOUBLE ACTING EXH-VENT

REAR BUMPER STEP

A REAR BUMPER STEP IS TO BE INSTALLED

BOTTLE

HOOKS

BOTTLE HOOKS ARE TO BE

ANTENNA

INSTALLATION OF RADIO

WIRELESS EQUIPMENT: EACH

SPECIFICATIONS FOR AMBULANCES

BASIC

VEHICLE

ENGINE: PETROL ENGINE WATER COOLED .

TRANSMISSION: MANUAL OR AUTOMATIC.

AXLE: 4X4 wheel driver

STEERING :POWER STEERING LEFT HAND

SUSPENSION : HEAVY

COOLING SYSTEM: HEAVY

ELECTRICAL SYSTEM: 12 VOLTS WITH

AIR CONDITIONING SYSTEM: AIR-

SIDE DOOR: SIDE DOOR AT THE RIGHT

| | | |
|-------------|--|-----|
| | <p>4-refrigerater (4 - 8c) with parttions (4 - 5) and drawer supplied with (D R I N) out let for washing and sterlization 5- heavy duty compressor with fan for cooling purposes 6- refergerater and freez have thermomete r fixed on the front side 7- refrigerator have atomatic defrost system 8-220v/50HZ/ 1 PH 9- R134</p> | |
| 02-06-00961 | <p>blood bank coold store inside temp from 1C to 6C at the following summer : DBT 50 C WBT 25 C winter : DBT 1C WBT -3 C Internal volume : not less than 50 cubic meters A) construct ion : 1- cold stores shall be shipped in knock – down 2- cabinet interior shall be made of heavy 3- cabinet exterior shall be made of aluminum , coated with 4-In sultan shall be sufficient to maintain the specified 5- Door shall be constructed of aluminum & shall have an 6- light- weight shade to protect the cabinet from rain & sun 7- external dial thermometer must be provided 8- Audio & visual alarm for high temperature must be fitted</p> | 100 |

| | | |
|--------------------|--|-------------------|
| | <p>9- Sufficient internal lighting automatically switches on 10- air curtain by the door operates automatically when 11- Shelves shall be made of strong galvanized steel 12- (7 days recorder B) .REFRIGERATION SYSTEM Two independent refrigeration system shall be C) Electrical system System shall operate from D) Spar parts 5 years</p> | |
| 02-06-00962 | Developed operating washing tube | 100 |
| 02-06-00963 | PVIII or PIII with accessories and read - write CD - drive | 100 |
| | printer EPSON LQ - 2180 | 100 |
| | laser - printer 10 L | 100 |
| | page printer | 100 |
| | U.P.S | 100 |
| | reglater power 10AMP | 100 |
| | reglater power 20AMP | 100 |
| | white board | 100 |
| | over head pros | 100 |
| | sidlater | 100 |
| | disk 3.5 | 500 |
| | laser - disk | 100 |
| 02-06-00964 | intercom system | 60 for 200 for |
| | central digital intercom system comprise of one | |
| | _ installation the systems on siltes | |
| | _ one year earranty and two year maintenaes | |
| | _ complete sets of drawing and manuel and catalogues | |
| | _ spetionl too kit for each system | |
| | _ training coerse 4 engineers for 3 weeks , on factory | |
| | _ spare parts for two years | |
| 02-06-00965 | clock system | 500 |
| | central clock system contoins:- | 500 |
| | a- master clock | 500 |
| | b- single face slave clock | 500 |
| | c- double face slave clock | 500 |
| | d- special clock for operating theater | 500 |
| | c-time machine | 500 |
| | one year waranty , two year maintenaes, | |
| | training coerse on factory for 3 engineers for 3 weeks | |

| | | | |
|--|--|-------|-------|
| 02-06-00966 | electrical swithcs and souket | | |
| | 1-single switch 220V /up to 15A - B.5 | | 50000 |
| | 2-double switch 220V / up to 15 A - B.5 | | 50000 |
| | 3-frible switch 220V / up to 15 A - B.5 | | 50000 |
| | 4-four way switch 220V / up to 15 A - B.5 | | 50000 |
| | 5- mercury switch 220V / up to 15 A - B.5 | | 50000 |
| | 6- electrecal out let 220220V / up to 13 A - B.5 13A - B.S | | 50000 |
| 7- electrecal out let 220220V / up to 15 A - B.5 13A - B.S | | 50000 | |

| 02-06-00967 | over loads | | | | |
|--------------------|-------------------|--------------|-----------|---------|------|
| | NO. of poles | NO. of phaes | current A | Voltage | Qty |
| | 3P | 3Q | 0 - 35 | 220V | 2000 |
| | 3P | 3Q | 5 40 | 220V | 2000 |
| | 3P | 3Q | 3 60 | 380V | 2000 |
| | 3P | 3Q | 80 -200 | 380V | 2000 |
| | 3P | 3Q | 30 - 90 | 380V | 2000 |
| | 3P | 3Q | 20 - 80 | 380V | 2000 |
| | 3P | 3Q | 2 15 | 380V | 2000 |
| | 3P | 3Q | 200-500 | | 2000 |

| 02-06-00968 | contactors | | | | | | |
|--------------------|-------------------|--------------|---------------------------|-----------------|---------|-----------|-----|
| | NO. of poles | NO. of phaes | No. of auxilia ng contact | Voltage of coil | Voltage | current A | Qty |
| | 10 | 3Q | 2no , 2 | 220V | 400V | 10A | |
| | 10 | 3Q | 2no , 2 | 220V | 400V | 16A | |
| | 10 | 3Q | 2no , 2 | 220V | 400V | 20A | |
| | 10 | 3Q | 2no , 2 | 220V | 400V | 25A | |
| | 10 | 3Q | 2no , 2 | 220V | 400V | 30A | |
| | 10 | 3Q | 2no , 2 | 220V | 400V | 40A | |
| | 10 | 3Q | 2no , 2 | 220V | 400V | 50A | |
| | 10 | 3Q | 2no , 2 | 220V | 400V | 60A | |
| | 10 | 3Q | 2no , 2 | 220V | 400V | 80A | |
| | 10 | 3Q | 2no , 2 | 220V | 400V | 100A | |
| | 10 | 3Q | 2no , 2 | 220V | 400V | 250A | |
| | 10 | 3Q | 2no , 2 | 220V | 400V | 400A | |

| | 10 | 3Q | 2no , 2 | 220V | 400V | 1000A | |
|--------------------|---|----|---------|------|------|-------|------|
| 02-06-00969 | automatic sliver recofery power 220v , 50hz single capacity (20liter - 40liter) not more or less than | | | | | | 1000 |
| 02-06-00970 | <p>sound and interpretation system a simlaneous interpretation system in auditorium uses lectroacoustic the equipment shall be suitable for operation in baghdad under thebasic constituents of the system:-</p> <p>1-central control desk the central control desk which controls the 232 conference and each language channel is equipped with asound level meter and an A- 4 VU meters for checking the sound level of each of the 4 B-4volume controls for adjusting the sound level of each of these C-one VU meter for checking the sound level of the floor language plus D-one monitor loudspeaker. E- 4 volume controls. F-one headphone socket for monitoring. G-4 push - buttons for signals to the interpreters H-4 pilot - lamps for signals from the interpreters the 5 VU meters provide avisual check and the headphones an aural the 5 volume controis situated underneath the VU meters enable the connections for tape recorders are available.</p> <p>2-chairman s microphone this is the only microphone , which is not centrally controlled and the the chairman s microphone unit is acardoid microphone with microphone , e.g. when he wants to participate in a discussion. The</p> <p>3-interpreters booths A sound - proof booth is required for eacg of the languages begin an interpreters microphone unit is designed for installation in this is because in most conferences the proceedings often continue for 4 rotary - type switches enable the interpreter to select either the floor the microphones are controlled by separate keys : the circuit begin so the remaining desk unit controls are asingle push - button and lamp for each interpreter has a standard microphone unit a pilot lamp mounted the desk unit is of study all - metal construction with a pleasing installation connections are simply and quickly made by means of one</p> <p>4-monitoring units the monitoring unit and light-weight headphones enable those</p> | | | | | | 500 |

| | | |
|-------------|---|----------------------------------|
| | <p>bill of quantities supply install and test following outlet points by means of cable supply install test and commission following equipment as A-chairmans unit with microphone and loudspeaker (table type) with B-delegates unit with as above. 60 NO. Chair type C-interpreters unit with as above 4 NO. Table type D-loud speakers (sound column type /2 watt of capacity) with suitable suply install test and commission chair control unit as per A-5 channels program selector. 1NO B- miniature juck socket for headphone 1NO C- light - weight stethophone frequency response 100 - 4000HZ nominal power 1 mw max load 15 D-microphone flush mounted in chair with on/off switch and with lamp indicator power supply 24V to 26V D.S frequency range 200 -14000 HZ 1NO. supply install test and commission central control desk with 12 input A-amplifier 50 watt. 1NO B-operators microphone . 1NO C-cassette recorder. 1NO supply , install , test and commission following equipment as per A-floor loudspeaker with volume control and on/off switch connecting</p> | <p>from A toD 232set</p> |
| 02-06-00971 | <p>electric dryer 30KG</p> | 50 |
| 02-06-00972 | <p>laundry press for clothes 1-electric 2-heater 1.2kw 3-running matorl (400W) 4-blower 65 W 220V , 50HZ</p> | 50 |
| 02-06-00973 | <p>laundry extractor 30kw</p> | 50 |
| 02-06-00974 | <p>computer 1-pentium III 550 MHZ 512KB cash hard disk 10GB H.D floppy disk drive (3.5) cd - rom drive(52X) ethermet card 512MB RAM UPS (400VA) sound card + speakers</p> | 100 |

