

**REHABILITATION EQUIPMENT**

**Equipment :**  
**Electric submersible darning sewage pump water cooled motor**

Code	Capacity M3/MIN	Head M	Speed R.P.M	Power KW	Volt V	Qty.
02-06-00001	0.15-0.1	0.365015-0.4	3000	1.5	220 or 380V 50 HZ	300
02-06-00002	1	10	3000	3.7	220 or 380V 50 HZ	300
02-06-00003	0.5	15	3000	3.7	220 or 380V 50 HZ	300
02-06-00004	1	22	3000	7.5	220 or 380V 50 HZ	300
02-06-00005	<b>Equipment: Package unit</b> complet witch supply cold air directly by duct to the building. cap: 20 ton inside temp : 18 C 380 v. , 3 pH , 50HZ , gas R22					3000
02-06-00006	<b>Equipment: Air Cooled Chiller</b> Cap : 100 Ton Ambient Temp. 60C Water out let Temp 12 C Water in let temp 6 C Compress type semi hermetic Coil materiel : Copper tubes with element fins Fan type : Propeller Evaporator : Sheila and tubs GSA use R-12 or R-22 380 V 50 HZ					300
02-06-00007	<b>Equipment: Air Cooled Chiller</b> Cap : 200 Ton Ambient Temp. 60C Water out let Temp 12 C Water in let temp 6 C Compress type semi hermetic Coil materiel : Copper tubes with element fins Fan type : Propeller Evaporator : Shell and tubs GSA use R-22 or R12 380 V 50 HZ					300
02-06-00008	<b>Equipment: Window type air-condition with heater</b> Cap : 2 Ton 24000 BTU GSA R-22 220 V 50 HZ , 3PH					25000
02-06-00009	<b>Equipment Split Unit with heater</b> Cap : 2 Ton GSA R-22 220 V 50 HZ , 24000 BTU					10000
<b>TIRES</b>						
02-06-00010	600x14	High Quality				4000
02-06-00011	650x14	High Quality				5000
02-06-00012	700x15	High Quality				6000
02-06-00013	750x16	High Quality				5000
02-06-00014	205x16	High Quality				6000
02-06-00015	650x16	High Quality				2000
02-06-00016	1200x20	High Quality				4000
02-06-00017	1100x20	High Quality				4000
02-06-00018	1200x24	High Quality				1200
02-06-00019	1000x20	High Quality				800
<b>Acid batteries</b>						
02-06-00020	45Amp x12V	High Quality				150
02-06-00021	60x12	High Quality				1800
02-06-00022	75x12	High Quality				300
02-06-00023	90x12	High Quality				800
02-06-00024	110x12	High Quality				300
02-06-00025	130x12	High Quality				1000
02-06-00026	180x12	High Quality				800
02-06-00027	<b>Equipment : Blood bank refrigerator</b> 1- internal temp. ranging from +2 C to +8 C at the following ambient conditions : Summer : DBT 50 C WBT25C Winter : DBT 1 C WBT_3 C					1000

	<p>2- Double compressor units for additional safety work with ferine R 12 or R 22</p> <p>3-inside and outside materil: stinless steel</p> <p>4-audible/ visual and extenai alarms with battery</p> <p>Low alarm: 0 C</p> <p>High alarm: + 10C</p> <p>5 – Automatic defrosting</p> <p>6- 7Day recorder</p> <p>7- 220V, 50HZ, 3PH</p> <p>Training for 2 engineer two weeks</p> <p>Spare parts for 5 years</p>	
02-06-00028	<p><b>Equipment : air compressor</b></p> <p>Air compressor complete (compressor + motor) with out tank will be suitable to be initialed in the tank of the old model with this information .</p> <p>Air compressor :</p> <p>Type LE7 ATLAS COPCO</p> <p>S.N : AML 107283</p> <p>Max working pre bar (2)(10)</p> <p>Max speed R.P.M 1800 , made in sweeden 1983</p> <p>Motor:</p> <p>Type LS 112MI</p> <p>No: 618627, 4KW, 1430 R.P.M</p> <p>(220 V , 15.2A / 380 V,8.8A) , 50 HZ</p> <p>training for engineers</p> <p>spar part for 3 year</p> <p>complete catalog for maintenance operation and installation</p>	100
02-06-00029	<p><b>Equipment:- cooling tower</b></p> <p>Capacity :150 ton</p> <p>200 ton</p> <p>100 ton</p> <p>50 ton</p> <p>Water temp. 38/ 30 C'</p> <p>Complete cooling tower must be separate motor for each blower and will work in high</p> <p>Humidity wetter 60 % Humidity and total hardness is for water 500ppm</p> <p>Recommended spare for 5 years.</p> <p>Include complete motor</p> <p>Fin , belt,shaft, spray nozzle , bearing , blower ,</p> <p>Nozzle , motor complete, ball float valve</p> <p>Training for engineer and tech.</p> <p>Complete catalog for spare part and operation maintenance catalog</p>	<p>50</p> <p>50</p> <p>50</p> <p>50</p>
02-06-00030	<p><b>Equipment: Corps refrigerator</b></p> <p>Walk in freezers to preserve corpses at internal temperature ranging from (+5 deg.) to (-30 deg.)At the following ambient conditions: summer: DBT 50 Deg.</p> <p>WBT 25 deg.C</p> <p>Winter: DBT 1 deg.C</p> <p>WBT -3 deg.C</p> <p>Internal volume of the store: 3x4x3 M3</p> <p>Required quantity: freezing stores</p> <p>A) Construction :</p> <p>1- Freezers shall be shipped in knock- down sections easy to re- erect</p> <p>2- Cabinet interior shall be made of heavy corrosion proof aluminum, floor made of heavy gauge anti- slip aluminum</p> <p>3- Cabinet exterior shall be made of aluminum, coated with a white weather proof coating to make it suitable for out- door installation</p> <p>4- Insulation shall be sufficient to maintain the specified internal temperature in the specified ambient conditions but shall be not less than 12 cm of polyurethane</p>	500

5- Door shall be constructed of aluminum and shall have an external lock with keys. Door handle can be operated from inside and outside. Low voltage heater wire strip with electrical control shall be provided. A push-button shall be fitted inside to sound an alarm in case of a person is trapped inside

6- Light- weight shade to protect the cabinet from rain and sun to be fitted on top of it .shape , size and material of shade shall be suggested by the tenderer

7- External dial thermometer must be provided

8- Audio and visual alarm for high temperature must be fitted

9- Sufficient internal lighting automatically switches on when door opens

10- Air curtain by the door operates automatically when door opens

11- The stores shall be equipped with hangers that supports six removable trays which carry the human corpses, these trays shall be positioned on both sides of the stores three at each side . the under must tray shall be positioned within 15 cm from the floor with 75cm distance between the trays the tray dimension shall be 2m length, 75cm width  
B) REFRIGERATION SYSTEM

Two independent refrigeration systems shall be installed, each being capable to maintain the required internal temperature at the specified ambient conditions

An automatic alternator clock timer shall be furnished to automatically reverse the sequence of operation of the two systems to assure even wear. And if one system be unable for any reason to maintain the required temperature the second system shall automatically cut-in. Visual indication of the operation and faults of the system shall be shown on the control panel. Capacity and type of compressors used shall be mentioned in the offer. Ferine R12 or R502 used.

The entire system shall utilize heavy-duty refrigeration copper tubing, no aluminum or steel tubing to be used. Evaporator fins shall be anticorrosion type. Automatic electrical defrosts with pipes for drain water must be provided.

#### C). ELECTRICAL SYSTEM

System shall operate from single - phase, 220V, 50 HZ supply or from three- phase, 4 wire, 380V.

#### D). SPARE PARTS

An itemized and priced spare parts list sufficient for five years repair and maintenance of the equipment shall be submitted with the offer. The price shall be C & F Baghdad and the spares shall be shipped with the cold stores. Among other things, the list shall include the following items:

No. Description

- 1- compressor
- 2- Evaporator motor fan
- 3- Blades for evaporator
- 4- condenser motor fan
- 5- Blades for condenser fan
- 6- Thermometer
- 7- Thermostat & alarm thermostat
- 8- High-low pressure cut out
- 9- Oil pressure cut out
- 10- Door gasket with heater
- 11- Contactor for compressor
- 12- Relays & electrical switches & klaxon
- 13- Defrost heaters
- 14- Automatic electric defrost
- 15- Automatic alternator for reverse sequence
- 16- Internal light bulb
- 17- over load
- 18- Expansion valve
- 19- filter drier
- 20- Fuses of different writings
- 21- solenoid valve

	<p>22- alarm horn  23- micro switch &amp; spare for air curtain  24- operating switches  E). TESTING AND GUARANTEE</p> <p>Tendered shall guarantee and maintain the freezers for a period of two years starting from the date of putting them in operation. All equipment shall be tested and outstanding technical problems shall be discussed &amp; settled in the firm prior to the shipment of the equipment &amp; in the presence of our engineer, tendered shall pay for the return air tickets of our engineer &amp; bear all costs of his stay with the firm including full board &amp; lodging for a period of two weeks</p> <p>F). TRAINING</p> <p>Tendered shall train two persons on the repair &amp; maintenance of the equipment, each person for a period of one month in his firm tendered shall bear all costs including return air tickets full board &amp; lodging and any other expenses.</p> <p>G). INSTALLATION</p> <p>Tendered shall make complete installation of all freezers except civil works such as base. Tendered shall supply all materials necessary for the complete installation. Any offer not including complete installation will be rejected.</p> <p><b>**NOTE**</b></p> <p>Load calculations &amp; photos of freezing stores shall be sent with the offer</p>	
02-06-00031	<p><b>Equipment : TRANSFORMER</b>  220 V - 97 V</p>	2
02-06-00032	<p><b>Equipment : Vegetable and fruit cold stor</b>  Cold store for the purpose</p> <p>Noise walk in cold stores temperature ranging from (-5 c) to (+15 c) at the following ambient conditions :</p> <p>summer : DBT 50 C  WBT 25 C</p> <p>winter : DBT 1C  WBT -3 C</p> <p>Internal volume : not less than 50 cubic meters</p> <p>A) construction :</p> <ol style="list-style-type: none"> <li>1- cold stores shall be shipped in knock – down sections to re-erect</li> <li>2- cabinet interior shall be made of heavy corrosion proof aluminum, floor made of heavy gauge anti – slip aluminum</li> <li>3- cabinet exterior shall be made of aluminum , coated with a white weather proof coating to make it suitable for out-door installation</li> <li>4- Insulation shall be sufficient to maintain the specified internal temperature in the specified ambient condition but shall be not less than 10 cm of polyurethane</li> <li>5- Door shall be constructed of aluminum &amp; shall have an external lock with keys. Door handle can be operated from inside &amp; outside. Low voltage heater wire strip with electrical control shall be provided. A push-button shall be fitted inside to sound an alarm in case of person is trapped</li> <li>6- light- weight shade to protect the cabinet from rain &amp; sun to be fitted on top of it. Shape size &amp; material of shade shall be suggested by the tendered</li> <li>7- external dial thermometer must be provided</li> <li>8- Audio &amp; visual alarm for high temperature must be fitted</li> <li>9- Sufficient internal lighting automatically switches on when door opens</li> <li>10- air curtain by the door operates automatically when door opens</li> <li>11- Shelves shall be made of strong galvanized steel positioned on all sides shelves shall be grid type.</li> </ol> <p>B) .REFRIGERATION SYSTEM</p>	1000

Two independent refrigeration system shall be installed each being capable to maintain the required internal temp. at the specified ambient conditions an automatic alternator clock timer shall be furnished to automatically reverse the sequence of operation of the two systems to assure even wear , and if one system be unable for any reason to maintain the required temp. the second system shall automatically cut- in . Visual indication of the operation & faults of the system shall be shown on the control panel. Capacity & type of compressor used shall be mentioned in the offer . the entire system shall utilize heavy duty refrigeration copper tubing , no alumininum or steel tubing to be used . evaporator fins shall be anticorrosion type . automatic electrical defrost with pipes for drain water must provided .use R12 or R502

C) Electrical system

System shall operate from single – phase , 220V, 50 HZ, supply or from 3 pH , 4 wire , 380 V

D) Spar parts

An itemized and priced spar parts list sufficient for fife years repair & maintenance of the equipment shall be submitted with the offer . the price shall be C&F Baghdad and the spares shall be shipped with the cold stores . among other things , the list shall including the following items.

No. Description

- 1- compressor
- 2- Evaporator motor fan
- 3- Blades for evaporator fan
- 4- condenser motor fan
- 5- Blades for condenser fan
- 6- Thermometer
- 7- Thermostat & alarm thermostat
- 8- High-low pressure cut out
- 9- Oil pressure cut out
- 10- Door gasket with heater
- 11- Contactor for compressor
- 12- Relays & electrical switches & klaxon
- 13- Defrost heaters
- 14- Over load
- 15- expansion valve
- 16- filter drier
- 17- fuses
- 18- solenoid valve
- 19- alarm horn
- 20- micro switch & spare for air curtain
- 21- operating switches
- 22- alarm horn
- 23- micro switch & spare for air curtain
- 24- operating switches

E) TESTING & GURANTEE

tender shall guarantee the cold stores for a period of tow years starting from the date of putting them in operation . all equipment shall be tested & out standing technical problems shall be discussed & settled in the firm prior to the shipment of the equipment & in the presence of our engineer , tender shall pay for the return air tickets of our engineer & bear all costs of his stay of two weeks. All spare parts that will be used by the tendered during these two years shall be on the account of the tendered.

F) Training :-

Tendered shall train two person on the repair and maintenance of the equipment for a period of one month in this firm. Tendered shall bear all costs in clouding air tickets.

G) Installation

Tendered shall make complete installation of all cold stores except civil works such as concrete installation shall be supplied by tendered. Any offer not including complete installation will be rejected>

Notes:-

	<p>3- Medicines shall be brought in stores at around 38OC.  2-Quantity of store medicines is not less than 1500 Kg.  3-Load calculations shall be sent with the offer.</p>	
<b>02-06-00033</b>	<p><b>Equipment : computer</b>  Processor: pentium II 450 MHZ MMX compliant with year 2000 512 Kb cache  Mother board: BX(AGP,PCI,ISA)ATX  RAM: 128 MB  Hard disk : at least 6.2 Gb  CD-ROM :40X EIDE  Sound card : PCI 32 BIT (software wave table)AW5-128  SPEAKERS:180W  Floppy disk : 3.5 " HD 1.44 Mb  Display adapter : AGP 8 Mb  Monitor : 15" savg 1024 X 768 , 0.28 DPI  Net work card : 10/100 Mb /S ethernet  Fax modem card : 56 (V. 90) fax /modem  Case : mini tower (ATX 250 w)  Key board : A/E 104 KEYS (PS/2 CONN)  Mouse : 2 buttons ( PS/2 CONN.)  Zip drive : iomega internal 100Mb with 100 box containing 100 Mb diskettes  CD-RW: CD- writer 2X2X6X with 100 box containing blank CDs  Super disk: internal 120 MB imation atapi IDE inter face with(100)boxes of diskettes  UPS :400VA/250W  Printers :  - DOT matrix : EPSON LQ 2170 arabic  - LaserJet : HP- 6L  - Inkjet (cooler) : HP-DESKJET 1120C</p>	7000
<b>02-06-00034</b>	<p><b>Equipment : Softeners</b>  Fully automatic softener and meter control  - Control panel ,Brine tank, with its interconnecting pipe system and all its additional accessories suitable for continuos soft water supply as following:  - Max floweret :- 10 m3/h  - Resin:- strong cationic resin sodium base  - Power supply :- 220V or 380V 50 HZ  - Hardness treated water 0oFTH  - Presume drop :- 8 MWG  - Operating pressure :- 2 to 6 bar  - Recommended spare part for 5 year with complete quantity of exchange resin.  supply complete catalog and drawing electric mechanical spare part and moutenance operation catalog.  - Training for 2 Engineers +2 Technician</p>	200
<b>02-06-00035</b>	<p><b>Equipment : Softeners</b>  Fully automatic softener and meter control  - Control panel ,Brine tank, with its interconnecting pipe system and all its additional accessories suitable for continuos soft water supply as following:  - Max flowe :-5M3/h  - Resin:- strong cationic resin sodium base  - Power supply :- 220V or 380V 50 HZ  - Hardness treated water 0oFTH  - Presume drop :- 8 MWG  - Operating pressure :- 2 to 6 bar  - Recommended spare part for 5 year with complete quantity of exchange resin.  - Recommended spare part for 5 year with complete quantity of exchange resin.  supply complete catalog and drawing electric mechanical spare part and moutenance operation catalog.  - Training for 2 Engineers +2 Technician</p>	200
<b>02-06-00036</b>	<p><b>Equipment : hospital lift complete</b>  QTY As below  Site:-saddam Medical city general hospital</p>	

	1- hospital standard 24- Passengers Plain bed, side open door 21 floor Stainless steal doors with all parts need to replace existed lifts (erection and operating) for medical city 2- As above but bed lift 4-Floor for Saddam General Hospital  3- As above but 6- Passengers 4- Floor for Saddam General Hospital 4- As above but 6- Passengers 7- Floor center open for Central Child Hospital 5- As above but bed lift 7- Floor for Central Child Hospital  6- Cargo lift 2 floors load 4000Kg side opening dons for Basra drug stores  7- As above but 1400 Kg 7-Floor for Saddam Teaching Hospital in Basra 8- As above bedlift but 1800 Kg 2- Floor for Tahreer Hospital and Basrah Funeral Hospital.	2PCS 2PCS  4PCS 6PCS 4PCS  2PCS  4PCS 10PCS
02-06-00037	<b>Fork Lift (2Ton)</b> 1.DIESEL ENGIN 4 CYLINDER WATER COOLED 2.BATTERY 12V 3.NORMAL HYDROLIC GEAR 4.MAX HIGHT 3.5M	500
02-06-00038	<b>Absorption chiller</b> 550 TON	100
02-06-00039	<b>High tension switch gear</b> 1-aircircuit breaker 1600A AH-16B 2-aircircuit breaker 1600A AH-30C 3-batery 100V QSC-SOE 4-batery 24V AMH--SOE 5-printed circuit breaker AED-6A 6-printed circuit breaker D2-100 7-high VGE oil labricant 11KV	50 50     10000LT
02-06-00040	<b>Paging system</b>  1-Complot paging system compressing control station and 5 W transmitter maximum rang less than 1000 m and 100 radio receiver 2-the system should be either independent or interfacing with any type of exchange  3-installation on site for 6-system and training technicians of other sites during installation to install the other system 4-training on factory for 5 engineers for 2 weeks 5-complot sets of manuals installation and manta enamel 6-spare parts for 2 years 7- greenery for one year and one maintenance	250
02-06-00041	<b>Equipment: Freezers</b> Volume : 16 ft3 Temperature: from 00C to -300C. 220V ,50HZ, 1PH compressor : Tecumseh or Danffos frion use : R12 or R22 Dial thermometer outside the door have lock Inside wall for freezer Aluminum plate. Freezer has alarm system when temp. low or high	2000
02-06-00042	<b>Equipment: Vaccines and medicines refrigerator</b> Volume : 16 ft3 Temperature: from 00C to 300C. 220V ,50HZ, 1PH compressor : Techumsuh or Danffos frion use : R12 or R22 Dial thermometer outside the door have lock Freezer has alarm system when temp. low or high	5000
02-06-00043	<b>Equipment: kitchen equipment</b> Site:saddam medical city <b>Mobile sink</b> capacity 220 liter dimension 800X600X500mm total high 650 mm	100
02-06-00044	<b>Mobile sink</b> capacity 220 liter dimension 800X600X500mm total high 650 mm	100
02-06-00045	<b>Equipment: Steam Boiler for heating (5 ton/hr)</b> A) Steam Boilers	500

1. The sub-contractor shall provide install, test, and commission one no. packaged steam boiler and associated equipment.

2. The boiler shall be rated capacity of 5000 kg/h with a working pressure of 8-10 bar. Test pressure must be rated 1.5 times working pressure.

3. The packaged boiler shall be manufactured in accordance with either the relevant TRD/DIN (German code) or British standards.

4. The packaged boiler shall be supplied with matched ,forced draught pressure jet burner of high/low flame 2-stage operation, suitable for burning dual fuel 35 second redwood no. 1 at 38 c ,light fuel oil and groping butane and heavy oil .

5. The Boiler burner shall be fully automatic in operation complete with all necessary controls for oil and air supply, flame failure ,ignition ,pre and post purge periods etc. all pre wired to the sensors and boiler control/indication panel.

6. The boiler shall be high efficiency 3-parse Ir. reversed flow type with pressurized combustion chamber.

7. Boiler shall be fully pressure tested at the factory and 1 copy of the manufacturers test certificates (approved by neutral test instate) shall be provided.

8. Flue connection shall be at the rear of the boiler.

9. The packaged boiler shall have duty and stand by feed water pumps with associated automatic controls. pumps shall be of the multistage-centrifugal type.

10. The packaged boiler shall have the following mounting:

1. main steam valve

2. 2-high lift state valve, 5000 kg blowing – off pressure 10 bar

3. pressure gauge.

4. 2-water level gauge.

5. feed water pressure gauge.

6. Burner control sensors.

7. water level /feed pumps controls.

8. pressure control

9. Blow down valve suitable for timed automatic operation in conduction with timer unit.

10. 2-boiler feeding pumps with electric motor designed specified boiler capacity at 10 bar.

11. The boiler shall have its own control/indication panel completely premiered with all necessary functions for a central and automatic supervision and control of the boiler unit . The panel shall incorporate all required facilities for correct monitoring and control. All necessary control lamps ,contractors, switches, fuses, lock-out lamps etc. shall be incorporated together with “hours run” meter .

#### B- BOILER FLUE GAS DUCTING

1. The sub-Contractor shall supply, install and commission flue gas ducting (chimney) terminating in a suitable clown above roof level. Height (above floor level) 5m.

2. The “nominally” horizontal flue gas ducting shall be infect be in stalled “to fall ”,rising slightly ,towards the main vertical chimneys.

3. cleaning access doors shall be provided at the ends of horizontal ducting together with combined pressure release/cleaning door at the base of vertical flue.

4. A condenser drain valve shall be provided from the base of vertical flue ,located at low level, complete with hose connection.

#### C. BOILER FEED WATER + CONDENSATE TANK INCLUDE. CHEM. DOSING

1. The sub-contractor shall supply ,in stall ,test ,and commission a feed water tank at high level in the plant room supplied as a complete package.



2. The tank shall be constructed of sheet steel with welded joints and will be supplied complete with all necessary channel iron wall and floor supports thickness 5mm.

3. The tank shall have a minimum capacity of 3000 liter's, complete with following features and fittings etc:

1. 500mm bolted access manhole
2. Glass water level gauge.
3. water level control electrodes and associated solenoid valve for make-up water.
4. Sprague pipes for condense return below water level.
5. spray pipes for direct steam injection below water level for preheating feed water at boiler start-up, complete with thermostatically control valve.
6. vent pipe.
7. all necessary connection.

8. 50 mm thick rigid foil backed fibber glass insulation of 64 kg/m<sup>3</sup> density finished in 24 swag aluminum sheeting.

4. The tank shall also have provision for being chemically dosed by Adonis set.

5. The dosing set shall consist of plastic mixing drum with an adjustable rate dosing pump suitable for dosing oxygen scavengers, as recommended by the boiler manufacture or other equal and approved by the boiler manufacture or equal approved. chemical supply suitable for 5 tons of steam supply must be included.

6. The chemical dosing pump set shall be supplied by the boiler manufacture or equal approved.

#### D. BOILER BLOW DOWN TANK

1. The sub-contractor shall supply ,install, test and commission a boiler blow down tank.

2. The tank shall have a capacity of Hrs supplied as a complete.

3. The tank shall be welded steel construction complete with mounting legs.

4. The tank shall be fitted with an automatic condense aftercare complete with non. return valve ,thermostat and solenoid valve strainer, and globe valve all mounted on the untreated cold water supply to the unit.

5. The after cooler and accessories shall also be supplied by the tank manufacturer.

6. The blow down tank shall be complete with pipe.

#### E. BOILER BLOWDOWN SYSTEM

1. The boiler shall have its own automatic system to provide for periodic blow down .

2. This shall consist of an electrical activated blow down valve which shall operate under the dictates of timer unit to provide a time controlled cycle as necessary.

3. The timer/control unit shall provide blow down for Emmanuelle adjustable pre-set period at desired intervals which will, again be variable.

4. The boiler blow down system shall be as manufacture boiler manufacturer or equal and approved, and shall be supplied as package for the boiler.

#### F. WATER SOFTENER PLANT

1. The water softener shall be of the duel type in order to provide feed water for 24 hours/day continuously (No death-time due to regeneration).

2. The water softener must be supplied complete with :

- booster pump(inlet pressure 0.5 bar).
- salt tank(brine tank)
- 2water softener colors complete with control solenoid valves
- filter(strainer)
- contact water meter compel. with water softener control unit
- all armatures

3. The water softener must have capacity at 80-100 litter/h

4. water treatment

water specification:

-total water hardness caco<sub>3</sub> 150 400

-calcium	ca	40	120
-chloride	c1	10	70
-sulfate	so4	40	120
-pH-valve		6.8	7.6
-Fe		0	0.24
-total alkalinity	caco3	110	160

G. Heat exchanger (horizontal type)

with U-copper tubes (extensible) complete with thermal insulation:

- capacity: 450.000 kcal/h
- primary : saturated steam 8 bar
- secondary: water 15-60 c0
- complete with asset of drawings.

H. Heat exchanger (horizontal type)

with U-copper tubes (extensible) complete with insulation:

- capacity : 1.100.000 kcal/h
- primary : saturated steam 8 bar
- secondary water 15-90 c0

complete with a set of drawings.

I. spare parts for 5 years with complete set of fire tube

J. Fuel storage tanks

- content 10.000 Lt.
- wall thickness 5 mm

with tar-coating including supports for air mounting

connections and controls to storage tank:

- 1 filling 1 1/2" incl.
- 1 draining 1 1/2" include
- 1 air vent 2" with air
- 1 supply and return
- 1 drain valve 1 1/2" include connection
- 1 supply valve
- 1 manhole 400
- 1 pneumatic fuel gauge
- 1 measuring rod

K. control to fuel supply system (burner accessories) 1 Electro valve ,ventilation system consisting of:

stop cock, oil filter, Electro valve ,air vent flange and for other type of fuel and maintenance

L. operation manual and diagram complete in English with all drawing electronically and mechanical

M. Training

3 engineer and 3 technician for one month at factory

02-06-00046

**EQUIPMENT : STEAM BOILER FOR WASHING (0.6 TON/Hr)**

500

Nos. Fuiiy Automatic Multi-Pass Steam boilers with leotrical and mechanical control ,pumps ,safeties with Auxiliaries According to the international standards and regulations for steam boiler under the following specifications :

A. Out put capacity 600kg/Hr

B. Working pressure (6-8) bar

C. Oil burner type I 3 VZ monarch and gas (butane ,propane ) and heavy oil

The following item must be included

1. Automatic blow down .contorted by timer
2. Feed/Condense water tank capacity of one meter cube with mechanical float ,water level indicator ,valves. etc,
3. Daily oil tank sand plastid with inner and outer anticorrosion painting ,capacity of lion liters complete with level indicator filling holes and suitable base
4. Oil filter with valve ,strainer, hose of 1/2 outlet diameter and accessories for other type of fuel
5. Suitable chimney 5 meter vertical height

6. Itemized and separately priced spare parts list sufficient for 5 years and maintenance including 2 sets internal pipes for each boiler

7. Suitable automatic water softener plants working on(0.5 bar) domestic water pressure to supply water 8 with zero degree hardness complete with all flexible pipes , electrical equipment's and fittings required and washable sand and clay filter.

	<p>8. Test certificate for each boiler sublimed by a reputable specialized firm  electricity : 4 lines , 3 phase 380/220 voles , 50 HZ  water supply : 0.5 bar domestic water pressure  Analysis:  -Total hardness as CAE 0.3      400mg /l  -Calcium as ca                      120mg/l  -Chloride as CL                      70MG/L  -SULFATE AS SO 4                120MG/L  -pH                                        7.6  -Iron as Fe                            0.24 mg/l  -Total alkalinity as cacao 3      160mg/l</p> <p>9. Rcco mounded spare part list for 5 years with complete set fine tube  10. Supply all electrical and mechanical drawing and maintenance catalog and spare part catalog complete  11. Training for 3 engineers and 3 technician</p>	
<b>02-06-00047</b>	<p><b>EQUIPMENT : HOT WATER BOILER (1 TON/Hr)</b>  rating : 760 000 kcal/hr (879 kw)  working press : 8 bar  design : 3 pass wet back fier tube  burner : dual fuel , LPG and light gasoil  standerd : B.S 2790 and equivalent  quality : 150 9001  full automatic equippede with all necessary controls saftys fittings , valves with  1) 10000 lt fuel tank  2) 5 meters steel chimeny  3) 5- years recommended spare parts  4) 1- year warranty  5) supervision on installation  6) training of MOH engineers in factory</p>	500
<b>02-06-00048</b>	<b>TYRE</b> 600X 14	2700
<b>02-06-00049</b>	700X 15	1600
<b>02-06-00050</b>	750X 16	5000
<b>02-06-00051</b>	1200X 20	3800
<b>02-06-00052</b>	1200X 24	1600
<b>02-06-00053</b>	3007436/007	126
<b>02-06-00054</b>	3007436/004	126
<b>02-06-00055</b>	2003087/001	60
<b>02-06-00056</b>	2003087/002	60
<b>02-06-00057</b>	<b>BATTERY</b> 60 AMP	6000
<b>02-06-00058</b>	90 AMP	1000
<b>02-06-00059</b>	135 AMP	1700
<b>02-06-00060</b>	540 AMP	400
<b>02-06-00061</b>	530 AMP	70
<b>02-06-00062</b>	30	700
<b>02-06-00063</b>	200	800
	<p>complete box battery Type:- 24 DRH 7  serial no. :- A9050158 F.O  capacity:- 511 A/AT 5 hour rate  volt:- 48  size:- 52x53x80 cm  each box have 12 battery  each battery size 50x14x11 cm</p>	
<b>02-06-00064</b>	<p><b>Equipment: kitchen equipment</b>  Site: saddam medical city</p> <p><b>Steam heated boiling pan</b> adjustable boil dimension approx. 1X1x1 m  capacity 200liter materials inner lining of acid poof s/s accessories mixer  unit for hot and cold water strainers and removable baskets</p>	200
<b>02-06-00065</b>	<p><b>Equipment : KIMADIA COMPUTER SYSTEM</b>  THIS SYSTEM IS DESIGNED AS THE FIRST STAGE SOLUTION FOR  COMPUTERISING THE STOCK MOVEMENTS OF MEDICAL ITEMS IN THE</p>	

MINISTRY OF HEALTH WAREHOUSES.THIS INCLUDES ALSO ALL THE RELATED ACTIVITIES PRIOR TO IT,SUCH AS TENDERS, CONTRACTS, ETC, AND

OTHER ACTIVITIES RESULTING FROM STOCK ,SUCH AS QUOTA SYSTEM, ACCOUNTING, AND FOLLOW UP OF ITS DISTRIBUTION (FROM THE SUPPLIERS DOWN TO ITS DISTRIBUTION TO THE FINAL OUTLET). THE SYSTEM CHOSEN IS NOT BY ALL MEANS THE LATEST STATE OF THE ART TECHNOLOGY,BUT ITS A SYSTEM ACCEPTABLE TO UN, SUITABLE FOR ESTABLISHING THE STRUCTURE OF MORE, ADVANCED SYSTEM AS CHEAPLY AS POSSIBLE ,AND SIMPLE ENOUGH TO BE TRANSFERRED AT LATER STAGES TO MORE ADVANCED COMPUTER SYSTEM,BECUASE IT WILL BE DESIGNED TO BE PORTABLE, THE SYSTEM CONSISTS OF COMPUTER NODES IN EACH OF THE 13 WAREHOUSES AND EACH NODE WILL HAVE LOCAL PROCESSING CAPABILITIES TO RECEIVE ,STORE,DISPACH MEDICAL SUPPLIES IN ACCORDANCE WITH THE PROCEDURE LAIED DOWN BY- MOU. ALL NODES WILL BE CONNECTED IN THE SECOND STAGE. WITH THE KAMADIA COMPUTER CENTRE IN 'THE MINISTRY OF HEALTH'

THE FOLLOWING HARDWARES AND SOFTWARES ARE REQUIRED

A- NETSERVER QUANTITY -14 UNITS  
 SPECS AS FOLLOWS

- 1-UPTO 16 GB INTERNAL STORAGE
- 2-SIX EXPANSION SLOTS-TWO PCI,TWO PCI/ISA,TWO ISA
- 3-RAM UP TO 198MB AND TWO UNITS WITH RAM 384MB
- 4-BUILT IN ASR
- 5- CD-ROM
- 6-PRE CONFIGURED NETWORK CARD
- 7-NOT LESS THAN 200 MHz PROCESSOR

8-TAPE BACKUPSYSTEM NOT LESS THEN 8 GBNATIVE STORAGE  
 9-EXTERNAL STORGE CABINET WITH 4.3 GB DRIVE  
 10- ORGAE DATA BASE LICEINCE FOR 16 USER ON EACH SERVER  
 11-UNIX OPERATING SYSTEM

ANY SYSTEM WITH ABOVE SPECS WILL BE ACCEPTABLE. THE MACHINES MUST BE FROM BRAND SUPPLIERS

B-PC QUANTITY 130 UNITS  
 WITH THE FOLLOWING SPECS.  
 200 MHz PROCESSOR  
 16 MB RAM  
 1.6GB INTERNAL STORAGE

C- TERMINALS QUANTITY 130 TERMINALS  
 COMPATIBLE WITH THE MINI SERVER -ARABISED

D- PRINTERS QUANTITY 50 UNITS

E- LASER JET PRINTERS QUANTITY 50 UNITS

02-06-00066	<p><b>Special Equipment for directorate of protection &amp; improvement environment</b></p> <p>Equipment:-Note book computer-</p> <ul style="list-style-type: none"> <li>-12.1 Active matrix display</li> <li>- 200 MMX Intel Pentium processor</li> <li>-512 Pipelined burst cache</li> <li>- 32 MB EDO RAM</li> </ul>
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02-06-00075	<b>Meat bond saw</b> , 3 pH , 1.5 HP dimension approx. 520 X600X1500mm capacity work table 520X 660mm table travel 300mm ,blade speed 22m/sec s/s table	250
02-06-00076	<b>Vegetable mill</b> , 3 pH 0.75 KW or 1 pH equivalent dimensions approx. 750X300X500mm capacity 5-10 kg /min material machine casing polyurethane and acetyl with all accessories	250
02-06-00077	<b>Food cutter</b> 3pH 380 V 50HZ dimensions approx. 750 X600X500mm capacity volume of bowl 11liter speed of bowel 16/33 rpm speed of knife 1400 /2800 rpm material bond of s/s cover and stand of elect of aluminum with all accessories knives s/s spanners	250
02-06-00078	<b>Heavy duty meat miner</b> 380 V 50HZ 1.5 KW capacity approx. kg/hour 300, diameter of rotating knives 82 mm dimension approx. 400X470X 500	250
02-06-00079	<b>Universal kitchen machine</b> 1 pH dimension space required 370X270X500mm material casing of light alloy accessories mixing attachment 20 liter bowel capacity meat miner with 3, 4 ½ , 13mm cutting plates and one four bled knife mashing machine	250
02-06-00080	<b>Steam heated boiling pan</b> adjustable boil dimension approx. 1X1x1 m capacity 200liter materials inner lining of acid poof s/s accessories mixer unit for hot and cold water strainers and removable baskets	250
02-06-00081	<b>Equipment : Absorption chiller</b> Site/saddam Medical city capacity : 1000 RT Replacement to 16 JE carrier - Eva & Abuse : copper tubes 22 BWG X 1/4" O.D Eva. tubes have 19FPI Abuse. tubes are prime surface - Evaporator : model 16 JE 707 in - out temp. (C O) : -12.5 - 7 flow ( L/S) :- 149 tube velocity (M/S) :- 1.79 pass no. :- 2 - Absorber : model 16 JE 707 in temp .(C O) :- 29.4 flow (L/S) :- 240 tube velocity (M/S): 1.87 pass no. : 2 con. & gen. 3/4 " O.D condenser tubes are plain 22BWG copper generator tubes are 19 BWG Ca- Ni alloy 90-10 - con . model 16 JE 707 out temp. (C0) :- 38 flow (L/S): - 240 tube velocity (M/S):- 3.28 pass no. : 1 gen. Model 16 JE 707 Steam Pr - ( bar gauge ) :- 0.772 Steam rate ( G/SEC) :- 2275	100
02-06-00082	<b>Equipment : Centrifugal electrical chiller</b> Site/saddam Medical city Replacement to 17FA carrier Capacity : 1000TR nominal. Compressor : Hermetic motor - compressor out put- 1000HP Volt- 380 V , 3PH, 50 HZ full automatic load control full protection . Evaporator: model 17 FA ZZ	100

	<p>in- out temp. ( Co): 7- 4.4  flow -(L/S) : 306  tube velocity ( M/S): 2.5  pass no. : 1  condenser: model FAZZ  in out temp. (Co) : 29.4- 35.5  flow ( L/S) : 170.3  tube velocity (M/S) : 2.6  pass no. : 2  tubes -tube length (m) : ZZBWG - 3.7</p>	
02-06-00083	<p><b>Equipment : Centrifugal electric chiller</b>  Site/saddam Medical city  Replacement to 17 DA carrier  capacity : 3000 TR nominal  Motor : out put : 2240 KW - 3000 HP  volt : 11000V , 3PH  RPM : 1488  AMP : 138  compressor : model 17 DA - 74  B.H.P : 2234.86 KW  drive H.P: 2240 KW  speed increase : 5439/ 1488  cooler: model 17 DA - 73-ZZ  tube length (m) : 6.7  flow (L/S) : 311.6  in out temp (Co) : 12.5 - 4.38  no. of tubes : 1410  condenser : model 17DA - 67  tube length (m) : 4.6  flow (L/S): 471.9  in out temp (Co) : 29.4- 35.9  no. of tubes : 1801  no. of tubes for economizer : 199</p>	100
02-06-00084	<p><b>Equipment : air compressor with motor</b>  Site/saddam Medical city  pneumatic control  motor : 30 HP . 380 V , 3 pH , 50 HZ, 2300 L/min  max. discharge pressure : 20 bar  operating pressure : 12 bar</p>	100
02-06-00085	<p><b>Equipment : air compressor with motor</b>  Site/saddam Medical city  diesel starting  motor : 2.6 KW , 3PH, 380V, 50HZ, 1500 rpm 0.065 m3/min 2.3 CFM  max working pressure: 3200 PSI,</p>	100
02-06-00086	<p><b>Equipment : Incinerator</b></p> <p>pyloric incinerators without grate to ensure complete combustion to incinerator general hospital waste including paper , wrapping material , plastics, animal and vegetable waste and pathological waste. Incinerators must be capable to receive the above waste without separating 100 mg/nm3 .  content of CO: max. 0.002 %  visibility of flue gases : max. 1 ring element  the incineration must not produce any smell ( the post combustion temp. must be above 800 Co).  volume of ash : max. 3% of initial volume  weight of ash: max. 12% of initial weight</p> <p>the waste must be completely burnt &amp; the contact of unbent organic matter of the ash must not exceed 3% . suppliers must forward with the quotation a document by the natural official institution proving that the above standard are achieved . preference is given to incinerator achieving the above figures without additional filtration equipment .</p> <p>capacity :100K/hr  Design : incinerator of the pyrolytic type are preferred . it should be able to operate the incinerator as follows:</p>	1000

	<p>manual feeding through special feeding door with temp. lock in order to protect from accident .incinerator must be without grate in order to avoid liquid waste to fall into the ash container without being incinerated .</p> <p>incinerator must be equipped with primary and one secondary ( pilot ) burner . the fuel consumption of the burners is to be indicated in the offer .</p> <p>control : automatic control with all necessary swishes , lamps , gauges , etc. in order to ensure automatic operation of the incinerator . electrical supply : 220 - 380 V , 50 cycle</p> <p>chimney : stainless steel chimney of sufficient length and diameter with spark arrest.</p> <p>fuel oil tank :main storage fuel oil tank made from steel plate , sand plastid and provided with protecting paint, capacity : 10000lt and daily fuel tank 1000lt</p> <p>spare part : itemized and priced spare parts list sufficient for five years. training: for tow engineer and tow technetium in your factory for the period of three week.</p>	
02-06-00087	<p><b>Equipment : kerosene refrigerator</b> refrigerator work with electric heater &amp; kerosene - size 12 ft3 dial thermometer on the door</p> <p>- refrigerator have tow door first for freezer &amp; the second for refrigerator .</p>	1000
02-06-00088	<p><b>Equipment : meat cold store</b> walk in freezers to preserve fresh meat at internal temp. ranging from (-15 C) to (- 25) at the following ambient conditions : summer : DBT 50 Co           WBT 25 Co winter : DBT 1 Co           WBT - 2 Co Internal volume of freezer : not less than 20 M3 <b>A : CONSTRUCTION :</b></p> <p>1- freezers shall be shipped in knock - down section easy to re- effect .</p> <p>2- cabinet interior shall be made of heavy corrosion - proof aluminum - floor made of heavy gauge anti- slip aluminum ( Sequa plate ) .</p> <p>3- cabinet exterior shall be made of aluminum coated with a white weather - proof coating to make it suitable for out- door installation .</p> <p>4- insulation shall be sufficient to maintain the specified internal temp. in the specified ambient conditions but shall be not less than 12 CMS of polyurethane .</p> <p>5- door shall be constructed of aluminium andshall have an external lock with keys . Door handle can be operated from inside and outside low voltage heater wire strip with electrical control shall ne provided apush - button shall be fitted inside to sound an alarm in case a person is trapped inside .</p> <p>6- shelves and hangers shall be made of strong rust - proof materials . Shelves shall be grid type thre quarters of the space shall be pccupied by she lves the rest by hangers .</p> <p>7- Light weigh shade to protect the cabinet from rain and sun to be fitted or top of it shape size and material of shade shall be suggested by tenderer</p> <p>8- dial thermometer</p> <p>9- audio and visual alarm for high temp .</p> <p>10- sufficient interaal lighting automatically switdes on when door opens</p> <p>11- air cur ain the door operates automatically when door opens</p> <p><b>B- REFRIGERATION SYSTEM</b></p>	1500



two independent refrigeration systems (each system having a compressor not less than 3 KW ) shall be installed each being capable to maintain the required internal temperature at the specified ambient conditions an automatic alternator a clock timer shall be furnished to automatically reverse the sequence of operation of the two systems to assure even wear- should one system be unable for any reason to maintain the required temperature the second system shall automatically cut - in and together system shall automatically cut- in and together both system shall bring the temperature down to the required level . visual indication of the operation and faults of the systems shall be shown on the control panel capacity and type of compressors used shall be mentioned in the offer . the entire system shall utilize heavy - duty refrigeration copper tubing no aluminium or steel tubing shall be used . evaporator fins shall be anti - corrosion type - automatic electrical defrost with pipe drain valve shall be

**C: ELECTRICAL SYSTEM**

system shall operate from single - phase , 220V . 50HZ supply - or from three - phase 4 - wire 380/220V .

**D-SPARE PARTS:**

an itemized and priced spare - parts list sufficient for five years repair and maintenance of the equipment shall be submitted with the offer . the price shall be C&F baghdad and the spares shall be shipped with the freezers . Among other things , the list shall include the following items:-

- 1-compressors
- 2-evaporator motor fan
- 3-blades for evaporator fan
- 4-condenser motor fan
- 5-blades for condenser fan
- 6-thermometer
- 7-thermostat & alarm thermostat
- 8-high/low pressure - cut out
- 9-oil pressure - cut out
- 10-door gasket with heater
- 11-contactor for compressors
- 12-relays & electrical switches & klix on
- 13-defrost heaters
- 14-automatic electric defrost
- 15-automatic alternator for reverse sequence
- 16-internal light bulb
- 17-over load
- 18-expansion valve
- 19-filter driers
- 20-fuses of different ratings
- 21-solenoid valve
- 22-micro switch & spare for air curtain
- 23-alarm horn

**TESTING , INSTALLATION AND GUARANTEE**

**A : TESTING AND GUARANTEE**

tenderer shall guarantee and maintain the freezers for a period of two years starting from date of putting them in operation . All equipment shall be tested and outstanding technical problems shall be discussed and settled in the firm prior to the shipment of the equipment and in the presence of our engineer . tenderer shall pay for the return air tickets of our engineer and bear all costs of his stay with the firm including full - board lodging for a period of two weeks .

**B: TRAINING :**

	<p>tenderer shall train two persons on the repair and maintenance of the equipment , each person for a period of one month in his firm tenderer shall bear all eosts including return air - fair , full - board loding and any other expenses .</p> <p><b>C : INSTALLATION :</b></p> <p>tenderer shall make complete installation of all cold stores and freezers except civil works such as concrete base - all materials any offer not including complete installation shall be rejected .</p> <p><b>NOTES</b></p> <p>1-fresh meats shall be brough in stores at around 35 0C .  2-quantity of stored meats in each store is about 1500 KG .  3-load calculations shall be sent with the offer</p>	
<b>02-06-00089</b>	<p><b>EQUIPMENT: SUB – STATION</b>  SITE: SADDAM MEDICAL CITY  BUSWAYS, 1600 AMP. RATING .  AS ABOVE BUT BETWEEN MV MAIN SWITCH BORD NAD TO 9-  CHILLERS EACH 1500 AMP. FLC</p>	5000 METERS
<b>02-06-00090</b>	<p><b>submersible pump for spring well</b>  bore_hole pump=120meter head flow  =7L/sec multi stage submersible  pump = 380V 3PH 50HZ with spare parts for 5years</p>	50
<b>02-06-00091</b>	<p><b>Computer &amp; Communication system</b> to cover KIMADIA central, Doha, and sector warehouses. with high specs, UPS s, printers and universal bar code readers.</p>	30
<b>02-06-00092</b>	<p><b>Mechanical Governor control</b></p>	40
<b>02-06-00093</b>	<p><b>Water pump</b></p>	50
<b>02-06-00094</b>	<p><b>cooling tower</b>  company: CLIME CHAPPEE  Type :- (old) D31 E  Capacity :- 1.017 KW wet bulb :26 c  1-180.00 Kcal/hr water temp:- 38/30.8 c  Flow rate :-165 m3 /hr pressure drop :-2.5 m WG  Complete cooling tower :-  Which is same capacity at above and must be with separate motor for each blower and will work in high humidity weather 60% humidity and total hardness is for water 500 PPM recommended spare for 5 years include complete motor :-  Fins  Belt  Shaft  Spray nozzle  Bearing  Blower  Nozzle  Motor complete  Ball float valve</p>	200
<b>02-06-00095</b>	<p><b>H.T. System</b>  We need to supply of eight H.T breaker with the specification below for each H.T breaker :-  Connections  It received power from (SOE) through two feeders one is operating and the other is standby and both are connected to the third H.T . breaker which satisfied the protection above and called general protection which supply the voltage to other five H.T breaker (3 for three transformer for hospital ; one for doctor residence ;one aspire)  All the H.T. breaker connected to earth switch individually in case of maintenance.  <input type="checkbox"/> We need</p>	200

	<p>Recommended spare part including 2H.T breaker complete and tools for repairing and maintenance complete maintenance operation and installation catalog and training for 2 engineer the system complete with the dimensions below length 3meter ; depth 1.7 meter ; high 2.25m</p> <p>Notes:- The system must be operated with vacuum method Quantity :- 6 system for 6 site + Recommended spare Old system Original system with the specification below :- CEM company (France) Type MF- 120620 3ph 12kv 630A 50HZ 350 MVA Motorized 110VD.C                      controlled voltage 110VD.C Gas SF6 pressure 5bar</p>	
02-06-00096	<p><b>SHORT LIST FOR MATERIALS FOR CENTER OF NEUROLOGY (EQUIPMENTS AND SPARE PARTS AND ALL ACCESSORIES )</b></p> <p>Materials for mechanical works Centrifugal or reciprocating water chiller 230 ton</p>	100 Including refrigerant gas
02-06-00097	<b>A.H.U W/accessories</b>	100
02-06-00098	<b>Condenser Evaporate and Boiler pumps</b>	100
02-06-00099	<b>Heap filter(60 x60cm)for O.R</b>	1500
02-06-00100	<b>Perforated diffusers for O.R</b>	100 4- 3x3m &5 - 3.2x3.2m
02-06-00101	<b>EI.Bd. W/temp and humidity sensors for O.R</b>	100
02-06-00102	<b>MATERIALS FOR SANITARY WORKS Central medical gases system</b>	50Lot
02-06-00103	<b>Stainless steel scrub-up basins</b>	100 W/accessories
02-06-00104	<b>Oxygen plant</b>	50 lot
02-06-00105	<b>MATERIALS FOR ELECTRICAL WORKS                      Nurse call system</b>	50 lot 13n.st W/accessories
02-06-00106	<b>Bed head unit</b>	1000Different types
02-06-00107	<b>Fire alarm system</b>	100 lot Sys. W/accessories for 12 zones
02-06-00108	<b>Central clock system for O.R</b>	lot10 - master plus 20 -slave
02-06-00109	<b>Generator set (800 KVA)</b>	50
02-06-00110	<b>Bed passenger lift</b>	50
02-06-00111	<b>Sound reinforcement system</b>	50 Lot
02-06-00112	<b>Emergency exit light</b>	200
02-06-00113	<b>UPS system</b>	100 3-5kw plus 3-7kw
02-06-00114	<b>Sparkles switch socket</b>	500 Different capacities

02-06-00115	<b>Materials for civil works</b> Conductive PVC tiles for O.R dept	1000m <sup>2</sup> W/ accessories and adhesives
02-06-00116	<b>Ceiling panels for O.R</b>	500M <sup>2</sup> W/ accessories and hangers
02-06-00117	<b>Wall panels for O.R</b>	1000M <sup>2</sup> W/ accessories and built in items
02-06-00118	<b>PVC skirting for O.R dept</b>	5002M W/ accessories and adhesives
02-06-00119	<b>Equipment : pumps</b> Company name : Guinard France Description -Complete pump+motor (NE 6x16) Q=100 m3/hr H=30-23 Kw 15 3ph , 400V COs Q 0.89 r.i.p. = 2995	200
02-06-00120	<b>-set of repining kit for the pump (NE 6 x16)</b>	200
02-06-00121	<b>Complete pump + motor (NE3 x16)</b> Q= 15 m3/hr H=30m 3ph COs Q 0.9, r.p.m=2850 400V	200
02-06-00122	<b>-Set of repining kit for the pump (NE 3x16)</b>	200
02-06-00123	<b>Accessories</b> Microtck scanner A3 size (color)	200
02-06-00124	<b>Printer HP Desk jet 890C</b>	200
02-06-00125	<b>Digital Camera (Sony)</b>	200
02-06-00126	<b>Video in card (MPWGENCODER)</b>	200
02-06-00127	<b>Plotter A0 size (Disk jet color)</b>	200
02-06-00128	<b>Multi Media Projector</b>	200
02-06-00129	<b>Jackboot (20 CD changer) for Libra</b>	200
02-06-00130	<b>Copy Machines</b> Minolta photocopy machine 2080	200
02-06-00131	<b>Kiss graph machine copy speed (60-130 copy per minute) GR-1750 or GR-3750</b>	200
02-06-00132	<b>Video and calling system requirement</b>  Video camera digital with motorized connected to the current system	500
02-06-00133	<b>27" Monitor video in –video out connected to the current video system</b>	500
02-06-00134	<b>Amplifier for current audio calling system</b>	200
02-06-00135	<b>Video recorder U-Match</b>	200
02-06-00136	<b>Video Recorder VHS</b>	200
02-06-00137	<b>Video Caddie U-Match</b>	3000
02-06-00138	<b>Video Caste VHS</b>	1000
02-06-00139	<b>Equipment:-Pegging system</b> -Complete Paging system with its control station and 5 watt transmitter and 100 radio receivers. the system either independent or interfacing with telephone exchange type. Model:- cite allocate v-2505 medium capacity epabx (64x320) cabinet reference 0A075080101 (A20750044/E) Program reference FAH 04H 10H 03H supply Complete maintenance and operating installation catalog and spare part catalog training of our staff in maintenance factory	500

	-spare part for 5 year	
02-06-00140	<b>Equipment:- water softener</b> Description -supply complete water softener with the values and all accessories instead of old model:- SF602 CSB meter controlled fully automatic. Capacity:- 9000/m3 Maxflowrate:- 10 m3/huh Hardness of treated water 0.TH Pressure drop:- 80 KPA (8MWG) Voltage:_220V/50HZ Operating pressure between (2 and 6 bar) 2 and 6 KPA/cm Salt capacity:-400 KG Reagent tank:- 120L Company name:-EAU ET IN DUSTRE -supply test kit for testing water with reagent 12 set supply Complete maintenance and operating and installation catalog and spare part catalog give list of Spare part for 5 years training of our staff in manufacture factory	200
02-06-00141	<b>Equipment:- Package unit package complete which supply cool air directly by duct to the building</b> Capacity:- 10TON 380 V 50HZ ,3PH,R22 Ambient temp. :- 60 C Linseed temp.:- 12 C Training 3 engineer for 2 weak spare part for 5 years	3000
02-06-00142	<b>petium 333MHZ MMX (INTEL) COMPLIANT WITH YEAR 2000 (XION)</b> MINITOWER CASE 64MB RAM (512CACHE) UP TO 5GB HDD 15" SVGA MONITOR WITH 8MBAGP CARD (SVGA) 144 FDD (3.5)" 104 AIL KEYBOARD +(MOUSE &PAD) MULTI MEDIA KIT (32X CD-ROM+ 16-SOUND BLASTER+SPEACERS+microphone) CD-WRITER 2X2X6 FAX -MODEM CARD LAN CARD 32 BIT (PCI) WITH 1.4 APC UPS TYPE 2  <b>PETIUM 333MHZ MMX (INTEL) COMPLIANT WITH YEAR 2000 (XION)</b> MINITOWER CASE 32 MB RAM 3 GB HDD 14"SVGA MONITOR WITH 4MB AGP SVGA CARD 1.44 FDD (3.5)" 104 AIL KEYBOARD + (MOUSE&PAD) CD-ROM 32X SPEED LAN CARD 32BIT (PCI) WITH 1.4 APC UPS TYPE 3  <b>PETIUM 300MHZ MMX (INTEL) COMPLIANT WITH YEAR 2000 (CELERON)</b> MINITOWER CASE 16MB RAM UP TO 2GBMDD 14" SVGA MONITOR WITH 2MB SVGA CARD 1.44 FDD 3.5" 104AIL KEYBOARD + (MOUSE & PAD) LAN CARD 32 BIT (PCI) CD- ROM 24X SPEED WITH 1.4 APC UPS PRINTERS EPSON LQ 2170 DOTMATRIX WITH ARABIC HP LASER GET 6P SCANNER AT LEAST 4800 DPI FLAT BED PAGE SCANNER	500

	mother board intel corporation with cpu bios american megatrend inc (AMI) ram memory micronics . Or kingston technology corp hard disk seagate technology inc . Or western digital corb monitor sony electronics inc.or samsung electronics america floppy disk drive teak america inc.or mewlett packard keyboard & mouse microsoft corp multimedia kit creative labs CD-rim panasonic communications& system co fax-modem card hayes micro computer products inc	
	<b>Equipment:fan coil unit</b> COMPANY NAME: wesper	
02-06-00143	<b>COMPLETE FAN COIL TYPE V.P.N 61 SINGLE SHAFT</b>	2000
02-06-00144	<b>COMPLETE FAN COIL TYPE V.P.N 81 DOBLE SHAFT</b>	2000
02-06-00145	<b>COMPLETE FAN COIL TYPE V.A.C 41 SINGLE SHAFT</b>	2000
02-06-00146	<b>COMPLETE FAN COIL TYPE V.A.C 81 DOBLE SHAFT</b>	2000
02-06-00147	<b>COMPLETE FAN COIL TYPE V.A.C 111 DOBLE SHAFT</b>	2000
	SPARE PART FOR 5 YEARS INCLUDING THER MOSTAT MOTOR SELECTOR SWITCH catalog for the spare parts, models ,maintenance and operation TRAINING for our STAFF engineers	
02-06-00148	<b>EQUIPMENT CHILLER</b> CAPACITY : 550 CENTRIFYAL TYPE WATER COOLED SPARE PART FOR 5 YEARS TRAINING FOR ENGINEAR SUPPLY OPERATION AND MAINTENANA CATOLOG WITH SPARE PART LIST INSTALLATION AND OPERATION AND MAINTEANCE FOR ONE YEAR..	500
02-06-00149	<b>WATER COOLER COMPLATE WITH</b> ¼ OR 1/3 HP COMPRESSON 50HZ SINGLE PHASE 220V SYEARS SPARE PART TRAINING FOR ENGINEER AND TECH	15000
02-06-00150	<b>Equipment :- Window unit</b> Air condition with heater Capacity :- 1.5 ton 220 v , 50 Hz , 1 pH hotel cooled , R22 spare part for 5 years Training for our tech.	25000
02-06-00151	<b>Equipment :- split unit</b> Split unit with heater Capacity :- 3 ton 220 V , 50 Hz , 1 pH hot and cooled R22 spare part for 5 years training for our tech	10000
02-06-00152	<b>Equipment :- deep freeze</b> Deep freeze complete unit flat type inside temp. required :- 40 Co , size: 500 LT 220V , single, phase 1 , 50 HZ spare part for 5 years training for engineer and tech Supply catalog spare part and operation and maintenance	2000
02-06-00153	<b>Equipment :- chiller Air cooled</b> Capacity :- 80 ton Ambient temp :55C' Water inlet : 6 C' Water outlet : 12 C' Compressor type : Semi hermetic coil material copper tube with aleminuim fins fan type propeller evaporator sheel and tubs (cooler type) pumps flow rate suitable for the chiller air handling units with suitable capacity electrical board for operation (pumps ,chiller , air handling units)	1500
02-06-00154	<b>Equipment:- cooling tower</b> Complete cooling tower Capacity : 4 .201.200 Kcal/h	200

	<p>Working weather 60% humidity and 500 PPM total hardness for water  Water flow : 7800 L/min  Water in :- 41C'  Water out :- 32 C '  Spare part for 5 years  Training for engineer and tech  Supply catalog for operation and maintenance and spare part list.</p>	
<b>02-06-00155</b>	<p><b>Equipment:- cooling tower</b>  Capacity :80 ton  Water temp. 38/ 30 C'  Complete cooling tower must be separate motor for each blower and will work in high    Humidity weather 60 % Humidity and total hardness is for water 500ppm  Recommended spare for 5 years.  Include complete motor  Fin , belt,shaft, spray nozzle , bearing , blower ,  Nozzle , motor complete, ball float valve  Training for engineer and tech.    Complete catalog for spare part and operation maintenance catalog</p>	200
<b>02-06-00156</b>	<p><b>Minibus 21 Setae</b>, Two Wheel Drive with four doors with Air Conditioner, Petrol engine with service, operation, spare parts manuals in English and service and Fast moving spare parts for 2 years operation</p>	1for the North
<b>02-06-00157</b>	<p><b>Fuel Tanker Scan</b>, Complete Set, 9 cube metros (m3) spare part with service, operation, spare parts manuals in English and service and fast moving spare parts for 2 years operation (other alternative Volvo or Mercedes)</p>	3 for the North
<b>02-06-00158</b>	<p><b>SPECIFICATIONS FOR BLOOD REFRIGERATOR CARS</b>  BIAS VEHICLE  _ ENGINE:(4-6) CYLINDER  PETROL ENGINE  WATER COOLED  CAPACITY 2600CC AND MORE  TRANSMISSION: MANUAL GEAR BOX 4- SPEED WITH ONE REVERSE FLOOR SHIFT  DRIVE : FOUR WHEEL DRIVE THE REAI AXLE EGUPED IN EACH SIDE DOUBLE WHEEL  BRAKE: DRUM BRAKE IN EACH WHEEL WITH BOOSTER ASSIST BARKING BRAKE TO BE CONTROLLED BY HAND GETTING ON THE REAR WHEELS  - STEERING: POWER STEERING LEFT HAND DRIVE  - SUSPENSION: HEAVY DUTY LEAF SPRING IN EACH REAR AND FRONT WHEELS  - GAUGES: ALL IN METEORIC SYSTEM .  - AIR CONDITION AND HEATING: TO BE SUPPLIED FOR DRIVER CAB  - CAB: DOUBLE CABIN  FRAME AND CLASSIS :- TWO PARRELL CHANEL CLASSIS  - ELECTRIC EQUIPMENT: HEAVY DUTY 12 VOLT 75 AMP /H BATTERY  ANTENNA  INSTALLATION OF RADIO ANTENNA IN EACH AMBULANCE AT THE ROOF.  WIRELESS EQUIPMENT: EACH AMBULANCE EQUIPPED WITH RADIO (WIRELESS COMMUNICATION DEVICE).  - LOAD CAPACITY: THE VEHICLE CAN CARRY NET WEIGHT NOT LESS THAN 1000 KG  - SIREN AND BEACON: THE CAR EQUIPPED BY BEACON LONGITUDINAL IN UPPER FRONT OF THE CAR AND EQUIPPED BY DEVICE FOR COMMUNICATION</p>	500

	<p>- ASSESSORS: JACK AND HANDLE, WHEEL RING, HAZARD TRIANGLE</p> <p>- SPARE TYER ( DOUBLE TYER )</p> <p>TWO GENERATORS SET TO BE AVAILABLE EACH ON CAPABLE TO OBERATE CONTINOUSLY FOR SIX HOURS</p> <p>CAPABILITY OF CONNECTING REFRIGERATOR AND FREEZER WITH EXTERNAL ELECTRICAL SOURCE INCLOUNDING ( CABLE 100M LENGTH WITH THREE OUT LET AND ANOTHER ELECTRIC Accessories AVAILBLE ALL THE TIME IN THE CAR )</p> <p>BLOOD BOX COMPARTMENT</p> <p>THE BOX WILL BE ENOUGH TO CARRY THE FOLLOWING:</p> <p>- TWO BLOOD REFRIGERATOR (VERTICAL TYPE) EACH CAN CARRY 100 UNIT OF BLOOD BAG</p> <p>- TWO DEEP FREEZER (VERTICAL TYPE) EACH CAN CARRY 150 UNIT OF BLOOD DERIVATIVES</p> <p>INSIDE TEMP FOR REFRIGERATOR + 2C TO +6C</p> <p>INSIDE TEMP FOR DEEP FREEZE -30 TO -60C</p> <p>- AMBIENT TEMP:60C</p> <p>AUDIO and VISUAL for LIGHT TEMP and LOW TEMP MUST BE FITTED in EACH refrigerator and FREEZE and WILL BE SHOWN ALSO in DRIVE CAB</p> <p>DALE THERMOMETER MUST BE PROVIDED ON THE REFRIGATOR AND FREEZ AND WILL BE SHOWN ALSO IN DRIVER CAB</p> <p>DAY RECORDER ON EACH REFRIGATOR AND FREEZ</p> <p>EACH refrigerator and FREEZE have TWO SEPARATING COMPRESSOR (ONE work and ANOTHER STAND BY )</p> <p>- EACH REFRIGERATOR AND FREEZE HAVE STAINLESS STEEL STEAD DOOR (NOT GLASS)</p> <p>- AUTOMATIC DEFORESTING FOR EACH REFRIGERATOR AND FREEZE AND THE DRAIN WATER WILL BE THROWN OUTSIDE THE CAR</p> <p>- THE REFRIGERATOR AND FREEZER WILL HAVE REMOVABLE DRAWER</p> <p>- REF. GAS: R12 OR, RR22 OR R502</p> <p>- TOW MINI COOLING BOXES FOR MANUAL TRANSPORTING THE BLOOD BAGS</p> <p>- THE GENERAL BOX ARE SUITABLE FOR THE JOB OF THE OPERATION OF BLOOD CARRYING IN EACH ITEM .AND EQUIPPED BY TWO REAR DOOR OPERABLE TO THE SIDE</p> <p>RECOMMENDED SPARE PARTS FOR 5 YEARS</p> <p>TRINING FOR TOW ENG. TOW WEEKS AND ONE DOCTOR(physican) FROM BLOOD BANK FOR TWO WEEKS</p>	
02-06-00159	<p><b>Equipment Gas Boiler</b></p> <p>Supply complete unit with its all accessories instead of old model conic flexiflame 70 cp. Gases serial No. 82487612-20 Company name :- CHAFFOTANUX ETMAURY</p> <p>- give list of spare part for serer</p> <p>- supply complete maintenance and operating and installation and spare part scatalog</p> <p>- Training of our staff in manufacture factory</p>	500
02-06-00160	<b>Centralized cooker s</b>	200
02-06-00161	<b>Bata peeling machine</b>	200
02-06-00162	<b>Tomato press</b>	200
02-06-00163	<b>Horizontal Deep freeze 16" foot</b>	200
02-06-00164	<b>Washing machine laundry</b>	200
02-06-00165	<b>Press</b>	200
02-06-00166	<b>Betts for Iron roller</b>	1000
02-06-00167	<b>Pentium 2 Intel</b>	1500



02-06-00168	CPU 333 MHz with cache RAM 128 MB	1500
02-06-00169	Hard disk 9 GB	1500
02-06-00170	SVGA card 4 MBV RAM	1500
02-06-00171	17" color SVGA monitor	1500
02-06-00172	Screen filter	1500
02-06-00173	LAN card 32 Bits	1500
02-06-00174	CD -Drive 34 X	1500
02-06-00175	Sound D32 Bit 3 D	1500
02-06-00176	HP laser jet printer 6p++10 extra toner	1500
02-06-00177	Modem Fax card (56.6) KBPS	1500
02-06-00178	English/Arabic KB (104 Keys)	1500
02-06-00179	MS mouse	1500
02-06-00180	Mouse -Peed	1500
02-06-00181	3.5 FDD HD	1500
02-06-00182	HP Laser jet printer	1500
02-06-00183	Extra Black Toner	1500
02-06-00184	<b>FORK LIFT (5 TON)</b> 1. DIESEL ENGINE 4 CYLINDER WATER COOLED 2. BATTERY 12V 3. NORMAL HYDRAULIC GEAR 4. MAX HEIGHT 3.5M	500
<b>PACKAGE UNIT (AIR COOLED) SCHEDULE</b>		

Cod	No. Req	Summer						Winter		blower		Comp. Loac	
		Cooling load kcal/H		Evaporate temp C				Electrical heater	Fresh air (m/h)	Supply air (m/h)	Externa l (mm w.g)	Bower	
		Qty	Effective sensible load	Total load	Entering		Leaving		Kw	No.of stage			
			D.B	W.B	D.B	W.B							
02-06-00185	100	65700	98400	28	17.5	14	9.5	70	2	4980	28050	7	7.5
02-06-00186	100	55200	81900	33	19.8	143	9.5	58	2	4400	22440	6	7
02-06-00187	100	19400	28200	28.4	17.5	14	9.5	20	2	1630	8160	5	2
02-06-00188	100	29670	44100	28.4	17.5	14	9.5	31	2	2550	12750	5	3
02-06-00189	100	12510	18150	28.4	17.5	14	9.5	12.8	2	1020	5100	5	1.5
02-06-00190	100	41000	50500	28.4	17.5	14	9.5	36	2	2720	13600	5	3
02-06-00191	100	12510	18000	28.4	17.5	14	9.5	12.7	2	1020	5100	5	1.5

02-06-00192	Size of clinker /1st stage 406. 4mm (16") tow	100set
02-06-00193	<b>Z ND stage :288 .6mm (9)" tow</b> - Power transmission / direct coupling - The compressor used to produce medical oxygen Gas under normal condition - Compressor manufacturer / IHI ishikawajima – industries Co. It'd Tokyo Japan Head office e : New ohtemavhi Bldg. 2- chime . 2chlemachi Chiyoda .KU Toko. Japan Tel Toko (03) 244.6496 Telex J22232 (Chico j 22232) J 22490 , JJ2439Cabra address : Iho Toko - Installed & Commissioning by: Toko Bussan Co. Lt. Twix 242- 2914 Fax 03-423 – 4821	100set
02-06-00194	Teflon Pistonring 2nd Stacie cood No. E238201	200
02-06-00195	Teflon Piston ring ist stage cood No. E148201	200
02-06-00196	Bull Ring 2nd Stage cood No. E238202	200
02-06-00197	Piston Assy Ist stage cood No. E141600	100
02-06-00198	Discharge valve seat	1500pcs
02-06-00199	inlet valve seat	1500
02-06-00200	I- Typethermometer (0-100C)	100
02-06-00201	L- Type Thermometer (0-200C)	500
02-06-00202	THRENAY SOLENOIO VALVE	500
02-06-00203	Oil preserve	500
02-06-00204	Chain over suttee	500
02-06-00205	AIR Pressure switch cood No. G319968	500
02-06-00206	Temperature switches (120-215C) cood no. G631301	500

02-06-00207	Crank shat Assy cood No. D266700	500	
02-06-00208	Oilier PIN cood No.	500	
02-06-00209	Retaining Ring cood No. D26706	500	
02-06-00210	Bearin6 collar cood No. D260707	500	
02-06-00211	Bearing Coeur cood No. D260708	500	
02-06-00212	Collar cood No. D260709 Flintier	500	
02-06-00213	Filigree cood no. D260710	500	
02-06-00214	Bolt cood no. D110711	500	
02-06-00215	Key cood No. D260712	500	
02-06-00216	Oilier sleeve cood no. D260713	500	
02-06-00217	Bearing cood No. 0.0260714	500	
02-06-00218	Bearing cood No. D260715	500	
02-06-00219	Connecting Rods cood No. D111400	500	
02-06-00220	Ding end Bolt cood No. D111403	500	
02-06-00221	Caste Nut Cood No. D111404	500	
02-06-00222	Crank pin Bearing Cood. No. D111406	500	
02-06-00223	Wrist P/N Metal cood No. D111407	500	
02-06-00224	Cloture P/N cood No. D961814	500	
02-06-00225	Cross Head Assy Cood No. D111300	500	
02-06-00226	Wrist P/N covers cood No. D111 303	500	
02-06-00227	Wrist P/N D111304	500	
02-06-00228	Lockwasher Cood no. D111305	500	
02-06-00229	Bolt Cood No. 0430765	500	
02-06-00230	Destine Rod cood No. E121606	500	
02-06-00231	Precision control thick meter 0-3005 Freq. 0-4000	500	
02-06-00232	Thermos couple for outlet and inlet Tem.	500	
02-06-00233	Tem. Controller T 675A	500	
02-06-00234	Ceramic filter	500	
02-06-00235	Flexible hose for tank lorry	500	
02-06-00236	Ball valve for pump (tank lorry)	500	
02-06-00237	Pump Assy for tank lorry	500	
02-06-00238	Flexible hose for filling station	500	
02-06-00239	Complot O2 valve for oxygen cylinder type G11	500	
	<b>Water pump</b> Manufacture: old type LEF1: any anther new model Equipment to the following old pump good quietly		
	Article	Qty of repair kit	Qty of complete pump
02-06-00240	<b>Contifagal pump with motor</b> complete old model : B125/25 name Q forte (m3/h) ; 95 380volt, 50HZ, 3PH	500	500
02-06-00241	<b>Centrifugal pump with motor</b> complete old model :- B 125/20 N Q floweret 9m3/h0:160 Head:- 26m volt 380 50hz 3ph	500	500
02-06-00242	<b>Centrifugal pump with motor</b> complete old model :- B125/30 Q floweret m3/h : 182 Head:- 21m Volt:- 380 , 50Hz 3ph inletpipe inch :- 5 outlet pipeinch;-4	500	500
02-06-00243	<b>Centrifugal pump with motor</b> complete old model :- B125/25 Q floweret m3/h:- 95 Head :- 17m Volt 380, 50Hz,3Ph	500	500
02-06-00244	<b>Centrifugal pump with motor</b> Old model :- B125/30( Hot water ) Q floweret (m3/h):- 99 Volt:- 380,50 Hz, 3ph	500	500
02-06-00245	<b>Centrifugal pump with motor</b> old model :- B40132 R.P.M= 1450 Q floweret m3/h =14 Head :- 25 volt;- 380 Hz = 50 pH: 3	500	500
02-06-00246	<b>Centrifugal pump with motor</b>	500	500

	Old model :- B80 /35 Qflowrate :- m3/h 50 volt:- 380 , 50Hz,3ph		
02-06-00247	<b>Centrifugal pump with motor</b> old model :- B125/35 Q floweret (m3/h) :60 volt:- 380 50Hz, 3ph	500	500
02-06-00248	<b>Centrifugal pump</b> With motor old model :- bob 80/25 Q floweret m3/h :59 volt:- 380 , 50Hz,3ph	500	500
02-06-00249	<b>Electric sewage pump head :- 15-20</b> 380volt: 50Hz,3ph supply complete maintceance and operating installation catalog and spare part Catalan training of our staff in maintenance factory	500	500
02-06-00250	<b>Drying tumbler</b> Capacity 15 Kg/load (dry weight ) 3 load /hour Heating by electrical element drum stainless steel 18/8 timer and thermo stat controlled inter lock stops connection to 380v 50hz 3ph spare part list for 3 years operation in stallation repair and spare parts manual with each drying Training tow engineers for 3 weeks in the factory		1000
02-06-00251	<b>Press</b> Capacity 20 kg Stainless steel inner for drum Automatic operation prognamebel All accessories needed supply for prepare operation Connection 380 V 50 HZ 3PH List for spear part recommended 5 years All document , menteenens , operation repair Training tow engineers for 3 weeks in the factory		1000
02-06-00252	<b>Steam dryer</b> capcity 50kg dry /load with 3 load /hr heating : steam (6-8) bar reverse rotation cylinder inter lock door for safty timer control indication lamps and any other necessary components must inlet and out let flexible steam pipes exehaust flexible pipe 6m for each operation installation repaier and spare parts manual with each tumbler connection to 380 V 50 HZ 3PH		1000
02-06-00253	<b>iron steam</b> steam heated press roller two meters long variable speed lowering raising switch for reverse rotation  finger protection provided rotation left and right  steam heated at a pressure of (8-10 )bar complete with exhaust fan and all internal electric wiring steam trap spare part list for 3 years operation in stallation repair and spare parts manual with each drying Training tow engineers for 3 weeks in the factory		1000
02-06-00254	<b>Flat work ironed machine</b> lowering of cylinder heat control finges - protection feeding and receiving tables  connection to 380v 50hz 3ph spare part list for 3 years operation in stallation repair and spare parts manual with each drying tumbler Training tow engineers for 3 weeks in the factory		1000
02-06-00255	<b>Washing machine</b> Capacity up to 50 kg/load (dry weight) heating :steam (6-8 bar) drumins stainless steel 18/8 operated by programme card and push botton for manual reverse drum safty look on door unbalance switch  G- factory :500 g fitting and flexiable pipes 1.5 m in cluded connection to 380 v 50 hz 3 ph demostic water pressure supplied 0.5 bar spare parts list for 3 years operation installation repair and spare parts manual with each washer Training tow engineers for 3 weeks in the factory		1000
02-06-00256	<b>Washing machine</b>		1000

	Capacity 20 kg/load (dry weight) heating :electric element drum stainless steel 18/8 operation by push button for manual control reverse drum action safty look on door fitting and flexiable pipes 1.5 m in cluded connection to 380 v 50 hz 3 ph demostic water pressure supplied 0.5 bar itemized and speratly priced spare parts list for 3 years operation Training tow engineers for 3 weeks in the factory	
02-06-00257	<b>Washing machine</b> Capacity 30 kg/load (dry weight) heating :electric element drum stainless steel 18/8 operation by programme card and push button for manual reverse drum safty look on door fitting and flexiable pipes 1.5 m in cluded connection to 380 v 50 hz 3 ph demostic water pressure supplied 0.5 bar spare parts list for 3 years operation installation repair and spare parts Training tow engineers for 3 weeks in the factory	1000
02-06-00258	<b>Press</b> Capacity 50 kg	1000
02-06-00259	<b>hydro extractor</b> Capacity 20 kg/load (dry weight)  G- factory :600-750 g  inner drum of stainless steel 18/8 timer operated reverse phase brake system drive motor with thermal cut -out vibration controlled inner drum connection to 380 v 50 hz 3 ph  spare parts list for 3 years operation installation repair and spare parts manual with each washer Training tow engineers for 3 weeks in the factory	1000
02-06-00260	<b>Cornice flexiflame 70</b>	1000
02-06-00261	<b>Drying to LBG gas dryer</b>	1000
02-06-00262	<b>Hot water boiler</b> Capacity 2000 KG/hr  Working presser 10 bar Automatic control for safe, starting and operation, automatic blow down Burner : dual fuel L.P.G gas or light gas oil Automatic operation isolated skid mounted ready for connection and Softener : suitable duplex automatic operation softener suitable for boiler  Spear parts recommended for 5 years Technical document / insulation / operation / martinets and repair Training 3 engineers for one month in the factory	500
02-06-00263	<b>Calling system and equipment for calling system</b> Complete paging system with its control station and 5 watt transmitter and The system either independent or interfacing with telephone exchange supply complete maintenance and operating installation catalog and	500
02-06-00264	<b>Compressor</b> Specification of compressor 1/6 hp Mod. FII 5IF IOG or FII 5IQ IOG 1/6 HP low back pressure static cooled R 12 compressor having following electrical characteristics nominal voltage 220 V 50 HZ voltage rang 170 - 240 V power factor .95 ( shunt capacitor is to be used)  the compressor are to be supplied complot with starting device ( relay or ptc)  over load protector electrical connection board capacitor and the necessary wiring for electrical connection  dimensional data :	75000

	discharge tube                    6.35 mm ID suction tube                        6.35 mm ID process tube                        6.35 mm ID all tubing shall be made of high quality refrigerating copper tubes Packing shall be made in strong wooden boxes or metallic cases suitable for shipment in containers and forklift handling.					
<b>02-06-00265</b>	<b>Telephone exchange system</b> 4X64 8 X 120 20 X 320 30X500 50 X 1000 10x250 10 x 75 150X2000 10X1000 each above internal extensions should be 80% analogue, and 20% digital Auto communication switch system can use both type of telephone rotary Facilities : consultation call with split call transfer three way conference Tones : the system should be working on different tones such as internal Operator console : electronic push – bottom operator console can be Power supply : smooth and stabilized 48 V DC at 60 A max provided by In case of 48 VPC failure to the system suitable battery back up supply Others : 1- Installation the system on sites and tow year maintenance 2- Spare parts for 5 years 3- Comet set of manuals installation maintenance programming and read 4- Training on factory 5 engineers and 6 weeks					500 500 500 500 500 500 500 500 500
	<b>Equipment : pumps</b> model : as below company / manufacturer : worthington or equavalnt worthington simpsonltd low field works p.o.box 17 newark , nottingh - amshire NG243EN ENGLAND tel = newark 705151 tlx = 37451 quantity : 80 site : saddam medical city					
	MOdEL	KW	HEAD (M)	FLOW (L/S)	RPM	
<b>02-06-00266</b>	12LN21	340	36	650	1440	250
<b>02-06-00267</b>	12LN17	265	52.5	335	1440	250
<b>02-06-00268</b>	12LN17	224	36	372	1440	250
<b>02-06-00269</b>	ERP80-400	150	140	30	2880	250
<b>02-06-00270</b>	12LA2	150	25.5	415	1440	250
<b>02-06-00271</b>	12LA2	90	30	300	1440	250
<b>02-06-00272</b>	10LA3	90	30	170	1440	250
<b>02-06-00273</b>	10LA3	90	43.3	142.3	1440	250
<b>02-06-00274</b>	65WP 315	75	132.5	22.5	2880	250
<b>02-06-00275</b>	6L3	55	32	101.29	1440	250
<b>02-06-00276</b>	6L3	55	52.5	52.24	1440	250
<b>02-06-00277</b>	65WP 315	55	103	22.5	2880	250
<b>02-06-00278</b>	ERP60-200	45	190	7.57	2880	250
<b>02-06-00279</b>	50wp315	37	103	10	2880	250
<b>02-06-00280</b>	65WP 250	37	68.6	22.5	2880	250
<b>02-06-00281</b>	6L3	37	34	55.5	1440	250
<b>02-06-00282</b>	6L3	30	27	98.5	1440	250
<b>02-06-00283</b>	100WP200	30	37	43.1	2880	250
<b>02-06-00284</b>	80WP 160	15	24	30	2880	250
<b>02-06-00285</b>	1 ½ TM2	15	132.5	2.5	2880	250

02-06-00286	40WP 200	11	45	7.57	2880	250
02-06-00287	40WP 200	11	55	4.36	2880	250
02-06-00288	1 ¼ TM43	7.5	68.6	2.25	2880	250
02-06-00289	4L1	5.5	9	30.61	1440	250
02-06-00290	100WP200	4	11	17.42	1440	250
02-06-00291	1 ¼ TM22	4	83.3	1	2880	250
02-06-00292	3L1	3	8	15.86	1440	250
02-06-00293	3dv2	3	-	-	2880	250
02-06-00294	32wp160	1.5	14.6	2.25	2880	250
02-06-00295	<b>ELECTRICAL FORK LIFT (2 TON)</b> 1.MAXIM HEIGHT 7 TO 7.5 METER 2.FORK LENGTH 750 TO 1600MM 3. FORK CARRIAGE WIDTH 865 4.FORK WIDTH X THICKNESS 120X50 5.FORK SPREAD MAX 815 6. FORK SPREAD MINIMUM 455 7.OVER ALL WIDTH (AXLE BRACKET) 1450 OR 1500 8.LOAD WHEEL TRUCK 1310 OR 1370 9.REACH TRAVEL (MAX) 1220 TO 1625 10.LOAD WHEEL /LOAD CENTER 865 TO 1075 11.SWEEP RADIUS 815 TO 965 12.BOOM LENGTH TO PIVOT CENTER 865 OR 1015 13.LENGTH OF REACH FRAME 1320 TO 1725 14.FACE OF FORK TO PIVOT CENTER 455 TO 660 15.THROAT 965 TO 1805 16.BOOM / REACH FRAME HEIGHT 355 17.MECHANISM WIDTH 205 18.LOAD WIDTH 800 TO 1320 19.LOAD LENGTH 760 TO 1525 20.AISLE WIDTH 1525 TO 1930 21.ELECTRIC MOTORS-REACH 0, 4 KW 22.ROTATE 0, 4KW 23.FONK WIDTH MAXIM 1600 MM					1000
02-06-00296	<b>ELECTRICAL FORK LIFT (1 TON)</b> 1.MAXIM HEIGHT 7 TO 7.5 METER 2.FORK LENGTH 750 TO 1600MM 3. FORK CARRIAGE WIDTH 865 4.FORK WIDTH X THICKNESS 120X50 5.FORK SPREAD MAX 815 6. FORK SPREAD MINIMUM 455 7.OVER ALL WIDTH (AXLE BRACKET) 1450 OR 1500 8.LOAD WHEEL TRUCK 1310 OR 1370 9.REACH TRAVEL (MAX) 1220 TO 1625 10.LOAD WHEEL /LOAD CENTER 865 TO 1075 11.SWEEP RADIUS 815 TO 965 12.BOOM LENGTH TO PIVOT CENTER 865 OR 1015 13.LENGTH OF REACH FRAME 1320 TO 1725 14.FACE OF FORK TO PIVOT CENTER 455 TO 660 15.THROAT 965 TO 1805 16.BOOM / REACH FRAME HEIGHT 355  17.MECHANISM WIDTH 205  18.LOAD WIDTH 800 TO 1320  19.LOAD LENGTH 760 TO 1525 20.AISLE WIDTH 1525 TO 1930  21.ELECTRIC MOTORS- REACH 0, 4 KW  22.ROTATE 0, 4KW  23.FONK WIDTH MAXIM 1600 MM					1000

02-06-00297	<b>FORK LIFT (3 TON)</b>  1. DIESEL ENGINE 4 CYLINDER WATER COOLED  2. BATTERY 12V 3. NORMAL HYDRAULIC GEAR 4. MAX HEIGHT 3.5M	1000
02-06-00298	<b>FORK LIFT (1 TON)</b>  1. DIESEL ENGINE 4 CYLINDER WATER COOLED  2. BATTERY 12V  3. NORMAL HYDRAULIC GEAR  4. MAX HEIGHT 3.5M	500
02-06-00299	<b>MEDICINES CARRYING TRUCKS:</b> <b>A- BASIC VEHICLE:</b> 1. ENGINE: DIESEL ENGINE WATER COOLED 2. TRANSMISSION: MANUAL FLOOR SHIFT 3. CLUTCH: HYDRAULIC CONTROL SINGLE DRY PLATE WITH AIR 4. SUSPENSIONS: FRONT: LAMINATED LEAF SPRINGS WITH 5. SUFFICIENT TO CONTROL THE VEHICLES IN THE PARKING 6. ELECTRICAL SYSTEM: 24V 120AMP 7. INSTRUMENT PANEL: ALL MEASUREMENTS AND GAUGES IN 8. FRAME: PARALLEL, TAPERED CHANNEL SECTION TYPE WITH 9. STEERING: LEFT HAND DRIVE, (BALL NUT TUBE, INTEGRAL 10. TIRES: HIGH QUALITY FRONT WHEELS: SINGLE IN EACH SIDE  11. DRIVERS CABIN: ONE AND HALF CABIN SUPPLIED WITH AIR- CONDITIONING SYSTEM (COOLING, HEATING AND VENTILATION) 12. EQUIPMENT'S: THE VEHICLES (TRUCKS) IT PROVIDES WITH ALL ACCESSORIES THAT ARE CONCERNING WITH WORK OF THE TRUCK  <b>B- LOADING CAPACITY:</b>  FIRST OPTION LOADING CAPACITY (2-4) TON QTY (25) SECOND OPTION LOADING CAPACITY (5-7) TON QTY (250)  THIRD OPTION LOADING CAPACITY (8-10) TON QTY (25) <b>C-ACCESSORIES: EACH VEHICLE (TRUCK) SUPPLY WITH THE  FOLLOWING:</b>  FAST SPARE PART: AUTO JACK WITH HANDLE AND WHEEL WRENCH : HAZARD TRIANGLE: HYDRAULIC TAIL LEFT. 1. COOLING SYSTEM WORK BY ENGINE OR ELECTRIC POWER 380 VOLT 50 HZ 3 PHASE  2. DIAL THERMOMETER MUST BE PROVIDED  3. AUDIOVISUAL FOR HIGH TEMP. MUST BE FITTED  4. REFRIGERATION MUST SUITABLE TO MAINTAIN THE COOLING SPECIFICATION MENTION BELOW AND USES THE FOLLOWING GASES R12, R22, R502. 5. INTERNAL TEMP FROM + 10C TO-20C 6. AMBIENT TEMP. SUMMER DBT 60C  WBT 25C  WINTER DBT 1C WBT 3C	1000
02-06-00300	<b>TRUCKS:</b>  C- BASIC VEHICLE:	1000

1- ENGINE: DIESEL ENGINE WATER COOLED  
 2. TRANSMISSION: MANUAL FLOOR SHIFT  
 3. CLUTCH: HYDRAULIC CONTROL SINGLE DRY PLATE WITH AIR  
 4. SUSPENSIONS: FRONT: LAMINATED LEAF SPRINGS WITH  
 5. SUFFICIENT TO CONTROL THE VEHICLES IN THE PARKING

C- ELECTRICAL SYSTEM: 24V 120AMP  
 METRIC SYSTEM

8. FRAME: PARALLEL, TAPERED CHANNEL SECTION TYPE WITH  
 CROSS MEMBERS AND REINFORCEMENTS  
 9. STEERING: LEFT HAND DRIVE, (BALL NUT TUBE, INTEGRAL

10. TIRES: HIGH QUALITY FRONT WHEELS: SINGLE IN EACH SIDE  
 REAR WHEELS: DOUBLE IN EACH SIDE  
 11. DRIVERS CABIN: ONE AND HALF CABIN SUPPLIED WITH AIR-  
 ALL ACCESSORIES THAT ARE CONCERNING WITH WORK OF THE  
 TRUCK

B- LOADING CAPACITY:

FIRST OPTION LOADING CAPACITY (3-4) TON QTY (50)  
 SECOND OPTION LOADING CAPACITY (5-6) TON QTY (100)  
 THIRD OPTION LOADING CAPACITY (8-12) TON QTY (100)  
 C- ACCESSORIES: EACH VEHICLE (TRUCK) SUPPLY WITH THE  
 FAST SPARE PART: AUTO JACK WITH HANDLE AND WHEEL

02-06-00301

**AMBULANCE**

400

**PARTITION**

BETWEEN DRIVER'S COMPARTMENT AND PATIENT'S

**PARTITION WINDOW**

LARGE, DOUBLE SLIDING SAFETY GLASS CENTRAL WINDOW

**PATIENT'S COMPARTMENT**

THE PATIENT'S COMPARTMENT IS TO BE FULLY INSULATED.

**ROOF HEIGHT**

INSIDE HEIGHT NOT LESS THAN 1500MM WITHOUT THE

**FLOORING**

HIGH QUALITY FLOORING MATERIAL CEMENTED TO A SUITABLE

**MEDICINE CABINETS**

THE LEFT WALL OF THE PATIENT'S COMPARTMENT IS TO BE

**TECHNICIAN SEAT - FRONT**

PROVISION OF A TECHNICIAN SEAT AT THE FRONT OF THE

**TECHNICIAN SEAT-REAR**

PROVISION OF A TECHNICIAN SEAT AT THE FOOT OF THE

**INSIDE LIGHTING SYSTEM**

THE PATIENT'S COMPARTMENT ELECTRICAL SYSTEM IS TO BE

**IDENTIFICATION**

THE AMBULANCE IS TO BE IDENTIFIED AS FOLLOWS:-

IT IS TO BE PAINTED CLEAR WHITE

- FOR DECALS FOR THE WORD "AMBULANCE", AND A RED

**RESUSCITATION EQUIPMENT**

- TWO OXYGEN BOTTLES, EACH OF 500 LITTER CAPACITY

- TWO SPARE OXYGEN BOTTLES OF 500 LITTER CAPACITY IN  
 STOWAGE CABIN.

- ONE SET OF ENGLISH BULL NOSE VALVE YOKE, PRESSURE

- THREE OXYGEN MASKS, ONE FOR EACH ADULT CHILD AND  
 INFANT.



- THREE PLASTIC NASAL CANNULAS, TWO ADULT AND ONE CHILD.	
- FOUR OXYGEN CATHETERS, TWO OF EACH NO.10F. ONE MOUTH TO MOUTH VENTILATION MASK	
CYLINDER KEY	1 FOR EACH
OXYGEN FLOW METER /REGULATOR	1 FOR EACH
HUMIDIFIER	1 FOR EACH
<b>PORTABLE OXYGEN KIT</b> ONE PORTABLE OXYGEN KIT COMPLETE WITH REGULATOR AND SUPPLIES.	
RESUSCITATOR COMPLETE WITH CYLINDER.	1 FOR EACH
RESTRAINING STRAP FOR RESUSCITATOR.	1 FOR EACH
<b>SUCTION SYSTEM</b> ONE VACUUM APPARATUS INCLUDING AN ELECTRIC DRIVEN PUMP with rechargeable battery	
<b>FIRST AID EQUIPMENT</b> 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	
<b>AIR SPLINTS</b> ONE SET OF AIR SPLINT FOR EACH OF THE UPPER AND lower	
<b>STRETCHER</b> WHEEL STRETCHER WITH ADJUSTABLE BACK AND FOOT RESTS WITH SIDE HANDLES, COMPLETE WITH MATTRESS AND COVER.	
<b>SPARE STRETCHER</b> FOLDING COLLAPSIBLE STRETCHER WITH SUPPORTING	
<b>REAR BUMPER STEP</b> A- REAR BUMPER STEP IS TO BE INSTALLED OVER THE REAR BUMPER.	
<b>BOTTLE HOOKS</b> BOTTLE HOOKS ARE TO BE INSTALLED ON THE ROOF TO HOLD	
SPARE STRETCHER HOLDER SPECIAL HOOKS ON WALL AND ROOF ARE TO BE PROVIDED TO HOLD SPARE STRETCHER WHEN REQUIRED.	
EXHAUST-VENTILATOR FAN ROOF MOUNTED DOUBLE ACTING EXH-VENT FAN IS TO BE INSTALLED.	
REAR BUMPER STEP A REAR BUMPER STEP IS TO BE INSTALLED OVER THE REAR	
BOTTLE HOOKS BOTTLE HOOKS ARE TO BE INSTALLED ON THE ROOF TO HOLD	
<b>ANTENNA</b> INSTALLATION OF RADIO ANTENNA IN EACH AMBULANCE AT THE ROOF. WIRELESS EQUIPMENT: EACH AMBULANCE EQUIPPED WITH	
<b>SPECIFICATIONS FOR AMBULANCES</b>  BASIC VEHICLE ENGINE: PETROL ENGINE WATER COOLED . TRANSMISSION: MANUAL OR AUTOMATIC. AXLE: SINGLE REAR OR FRONT WHEEL DRIVE. STEERING :POWER STEERING LEFT HAND DRIVE.	

<p>SUSPENSION : HEAVY DUTY.  COOLING SYSTEM: HEAVY DUTY.  ELECTRICAL SYSTEM: 12 VOLTS WITH HEAVY DUTY ALTERNATOR  AIR CONDITIONING SYSTEM: AIR-CONDITIONER AND HEATER FOR SIDE DOOR: SIDE DOOR AT THE RIGHT SIDE.  BACK DOORS: TWO PANEL DOORS OPENABLE TO THE SIDES.  INSTRUMENT PANEL: WITH METRIC GAUGES and ODOMETER.  MIRRORS: ONE INSIDE and TWO OUTSIDE REAR VIEW.  TIRES :HIGH QUALITY INCLUDING SPARE.  -WARNING EQUIPMENT: SIREN WITH SPEAKER AND BEACON OF  -ELECTRONIC SIREN WITH PUBLIC ADDRESS SYSTEM OF  BEACON : TWO REVOLVING DOME TYPE BEACONS LONGITUDINAL  -SPEAKER: 100 WATTS SPEAKER INSTALLED INSIDE ENGINE  -ACCESSORIES:  AUTO JACK WITH HANDLE and WHEEL WRENCH.  TOOL KIT BAG.  HAZARD WARNING TRIANGLE  FIRE EXTINGUISHER.  -MISCELLANEOUS: THE FOLLOWING IS TO BE SUBMITTED TWO  -WORKSHOP MANUALS (2 COPIES IN ENGLISH).  -SPARE PARTS CATALOGUES (2 COPIES IN ENGLISH).  -RECOMMENDED SPARE PARTS LIST (DETAILS OF THE LIST ARE FAST MOVING PARTS for EACH VEHICLE.  - TRAINING FOR 3 ENGINEERS.</p> <p><b>optional rquipments schedule ambulance</b></p>	
VACUUM MATTERS WITH CARRYING HANDLES.	1 FOR EACH
PUMP FOR VACUUM MATTRESS	1 FOR EACH
FOLDING STRETCHER	1 FOR EACH
INFLATABLE SPLINTS, SET OF 4 IN WALLET.	1 FOR EACH
ANALGESIC UNIT.	1 FOR EACH
NITRONOX CYLINDER (LIGHT WEIGHT)	1 FOR EACH
URINAL, MALE.	1 FOR EACH
URINAL, FEMALE.	1 FOR EACH
ORTHOPEDIC SCOOP STRETCHER	1 FOR EACH
BRACKETS FOR SCOOP STRETCHER.	1 FOR EACH
HEAPED AND HARDNESS SET FOR SCOOP STRETCHER.	1 FOR EACH
ASPIRATOR, MANUAL	1 FOR EACH
AMBULANCE CHAIR	1 FOR EACH
BRACKET FOR AMBULANCE CHAIR	1 FOR EACH
FIRST AID KIT COMPLETE WITH CASE.	1 FOR EACH
PENLIGHT	1 FOR EACH
BEDPAN	1 FOR EACH
ANEROID SPHYGMOMANOMETER	2 FOR EACH
STETHOSCOPE.	2 FOR EACH
OTOSCOPE.	1 FOR EACH
THOUGHT CUT SCISSORS.	1 FOR EACH
SEMI AUTOMATIC DEFIBRILLATOR /MONITOR	1 FOR EACH

SECURING DEVICE FOR DEFIBRILLATOR /MONITOR	1 FOR EACH
ARTERY FORCEPS (SPENCER WELLS)	1 FOR EACH
DISSECTING FORCEPS, PLAIN	1 FOR EACH
SCISSORS BANDAGE.	1 FOR EACH
THERMOMETER	1 FOR EACH
NON WOVEN ACRYLIC BLANKET 60"X80" APPROX.	1 FOR EACH
CELLAR BLANKET UNBLEACHED 60"X80" APPROX.	2 FOR EACH
FOAM PILLOW, PCV COVERED	2 FOR EACH
VACUUM FLASK STAINLESS STEEL 1 LITTER.	2 FOR EACH
RESTRAINING STRAP FOR VACUUM FLASKS	1 FOR EACH
OXYGEN CYLINDER, BULL NOSE (SIZE F)	1 FOR EACH
OXYGEN FACE MASK	1 FOR EACH
GREEN BUBBLE 30 FOOT ROLL	2 FOR EACH

<b>02-06-00302</b>	<p><b>ACCIDENT EMERGENCY AMBULANCE</b></p> <p>PARTITION BETWEEN DRIVERS COMPARTMENT AND PATIENT'S COMPARTMENT FULL COVERAGE PANEL MADE OF STURDY MATERIAL (PRESS WOOD IS NOT TO BE USED) WITH SMOOTH SURFACE AT BOTH SIDE.</p> <p>PARTITION WINDOW</p> <p>LARGE, DOUBLE SLIDING SAFETY GLASS CENTRAL WINDOW DOUBLE SLIDING SAFETY GLASS WINDOW BEHIND DRIVER CABINET ITS HEIGHT HALF INSIDE HEIGHT OF ROOF HEIGHT.</p> <p>PATIENT'S COMPARTMENT</p> <p>THE PATIENT'S COMPARTMENT IS TO BE FULLY INSULATED.</p> <p>ROOF HEIGHT INSIDE HEIGHT NOT LESS THAN 1900MM WITHOUT THE FLOORING HIGH QUALITY FLOORING MATERIAL CEMENTED TO A SUITABLE</p> <p>MEDICINE CABINETS THE LEFT WALL OF THE PATIENT'S COMPARTMENT IS TO BE</p> <p>TECHNICIAN SEAT - FRONT PROVISION OF A TECHNICIAN SEAT AT THE FRONT OF THE TECHNICIAN SEAT-REAR PROVISION OF A TECHNICIAN SEAT AT THE FOOT OF THE INSIDE LIGHTING SYSTEM THE PATIENT'S COMPARTMENT ELECTRICAL SYSTEM IS TO BE IDENTIFICATION</p> <p>THE AMBULANCE IS TO BE IDENTIFIED AS FOLLOWS:- IT IS TO BE PAINTED CLEAR WHITE - FOR DECALS FOR THE WORD "AMBULANCE", AND A RED</p> <p>RESUSCITATION EQUIPMENT - TWO OXYGEN BOTTLES, EACH OF 500 LITTER CAPACITY - TWO SPARE OXYGEN BOTTLES OF 500 LITTER CAPACITY IN STOWAGE CABIN. - ONE SET OF ENGLISH BULL NOSE VALVE YOKE, PRESSURE</p>	<p>500</p> <p>488</p>
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- THREE OXYGEN MASKS, ONE FOR EACH ADULT CHILD AND INFANT.
- THREE PLASTIC NASAL CANNULAS, TWO ADULT AND ONE CHILD.
- FOUR OXYGEN CATHETERS, TWO OF EACH NO.10F.  
ONE MOUTH TO MOUTH VENTILATION MASK

PORTABLE OXYGEN KIT  
ONE PORTABLE OXYGEN KIT COMPLETE WITH REGULATOR AND

SUCTION SYSTEM  
ONE VACUUM APPARATUS INCLUDING AN ELECTRIC DRIVEN

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 LIMBS.  
STRETCHER  
WHEEL STRETCHER WITH ADJUSTABLE BACK AND FOOT RESTS  
SPARE STRETCHER  
FOLDING COLLAPSIBLE STRETCHER WITH SUPPORTING  
REAR BUMPER STEP  
A- REAR BUMPER STEP IS TO BE INSTALLED OVER THE REAR

BOTTLE HOOKS  
BOTTLE HOOKS ARE TO BE INSTALLED ON THE ROOF TO HOLD  
FLUID AND BLOOD TRANSFUSION BOTTLES.  
SPARE STRETCHER HOLDER  
SPECIAL HOOKS ON WALL AND ROOF ARE TO BE PROVIDED TO

EXHAUST-VENTILATOR FAN  
ROOF MOUNTED DOUBLE ACTING EXH-VENT FAN IS TO BE  
REAR BUMPER STEP  
A REAR BUMPER STEP IS TO BE INSTALLED OVER THE REAR  
BUMPER.

BOTTLE HOOKS  
BOTTLE HOOKS ARE TO BE INSTALLED ON THE ROOF TO HOLD  
FLUID AND BLOOD TRANSFUSION BOTTLES .

ANTENNA  
INSTALLATION OF RADIO ANTENNA IN EACH AMBULANCE AT THE  
WIRELESS EQUIPMENT: EACH AMBULANCE EQUIPPED WITH  
SPECIFICATIONS FOR AMBULANCES  
BASIC VEHICLE  
ENGINE: PETROL ENGINE WATER COOLED .

TRANSMISSION: MANUAL OR AUTOMATIC.  
AXLE: SINGLE REAR OR FRONT WHEEL DRIVE.  
STEERING :POWER STEERING LEFT HAND DRIVE.

SUSPENSION : HEAVY DUTY.  
COOLING SYSTEM: HEAVY DUTY.  
ELECTRICAL SYSTEM: 12 VOLTS WITH HEAVY DUTY ALTERNATOR

AIR CONDITIONING SYSTEM: AIR-CONDITIONER AND HEATER FOR SIDE DOOR: SLIDING SIDE DOOR AT THE RIGHT SIDE. BACK DOORS: TWO PANEL DOORS OPERABLE TO THE SIDES.  INSTRUMENT PANEL: WITH METRIC GAUGES and ODOMETER. MIRRORS: ONE INSIDE and TWO OUTSIDE REAR VIEW. -TIRES : 5 WITH TUBES, INCLUDING SPARE. -WARNING EQUIPMENT: SIREN WITH SPEAKER AND BEACON OF -ELECTRONIC SIREN WITH PUBLIC ADDRESS SYSTEM OF BEACON : TWO REVOLVING DOME TYPE BEACONS LONGITUDINAL -SPEAKER: 100 WATTS SPEAKER INSTALLED INSIDE ENGINE -ACCESSORIES: AUTO JACK WITH HANDLE and WHEEL WRENCH. TOOL KIT BAG. HAZARD WARNING TRIANGLE FIRE EXTINGUISHER. -MISCELLANEOUS: THE FOLLOWING IS TO BE SUBMITTED TWO -WORKSHOP MANUALS (2 COPIES IN ENGLISH). -SPARE PARTS CATALOGUES (2 COPIES IN ENGLISH). -RECOMMENDED SPARE PARTS LIST (DETAILS OF THE LIST ARE FAST MOORING PARTS for EACH VEHICLE. - ACCIDENT EMERGENCY TOOLS: PREGNANCY HOLDING CROWBAR ELECTRICAL CUTTER HYDRAULIC JACK WORK BY FOOT TO PULL MATERIAL PARTS. AIR COMPRESSOR HANDING CUTTER DIFFERENT SIZE FIRE EXTINGUISHER (QTY 3) TRANSMISSION TOOL (QTY 3) - TRAINING FOR 3 ENGINEERS. OPTIONAL EQUIPMENT'S SCHEDULE AMBULANCE	
VACUUM MATTERS WITH CARRYING HANDLES.	1 FOR EACH
PUMP FOR VACUUM MATTRESS	1 FOR EACH
FOLDING STRETCHER	1 FOR EACH
INFLATABLE SPLINTS, SET OF 4 IN WALLET.	1 FOR EACH
ANALGESIC UNIT.	1 FOR EACH
NITRONOX CYLINDER (LIGHT WEIGHT)	1 FOR EACH
URINAL, MALE.	1 FOR EACH
URINAL, FEMALE.	1 FOR EACH
ORTHOPEDIC SCOOP STRETCHER	1 FOR EACH
BRACKETS FOR SCOOP STRETCHER.	1 FOR EACH
HEAPED AND HARDNESS SET FOR SCOOP STRETCHER.	1 FOR EACH
RESUSCITATOR COMPLETE WITH CYLINDER.	1 FOR EACH
RESTRAINING STRAP FOR RESUSCITATOR.	1 FOR EACH
ASPIRATOR, MANUAL	1 FOR EACH
AMBULANCE CHAIR	1 FOR EACH
BRACKET FOR AMBULANCE CHAIR	1 FOR EACH
FIRST AID KIT COMPLETE WITH CASE.	1 FOR EACH
PENLIGHT	1 FOR EACH
BEDPAN	1 FOR EACH

	ANEROID SPHYGMOMANOMETER	2 FOR EACH
	STETHOSCOPE.	2 FOR EACH
	OTOSCOPE.	1 FOR EACH
	THOUGHT CUT SCISSORS.	1 FOR EACH
	SEMI AUTOMATIC DEFIBRILLATOR /MONITOR	1 FOR EACH
	SECURING DEVICE FOR DEFIBRILLATOR /MONITOR	1 FOR EACH
	ARTERY FORCEPS (SPENCER WELLS)	1 FOR EACH
	DISSECTING FORCEPS, PLAIN	1 FOR EACH
	SCISSORS BANDAGE.	1 FOR EACH
	THERMOMETER	1 FOR EACH
	NON WOVEN ACRYLIC BLANKET 60"X80" APPROX.	1 FOR EACH
	CELLAR BLANKET UNBLEACHED 60"X80" APPROX.	2 FOR EACH
	FOAM PILLOW, PCV COVERED	2 FOR EACH
	VACUUM FLASK STAINLESS STEEL 1 LITTER.	2 FOR EACH
	RESTRAINING STRAP FOR VACUUM FLASKS	1 FOR EACH
	OXYGEN CYLINDER, BULL NOSE (SIZE F)	1 FOR EACH
	CYLINDER KEY	1 FOR EACH
	OXYGEN FLOW METER /REGULATOR	1 FOR EACH
	HUMIDIFIER	1 FOR EACH
	OXYGEN FACE MASK	1 FOR EACH
	GREEN BUBBLE 30 FOOT ROLL	2 FOR EACH
02-06-00303	<p><b>c.c.u car</b>  1-ENGINE : (6-8) CYLINDER</p> <p><b>PETROL ENGINE</b>  water cooled</p> <p>capacity 250 hp and more</p> <p>2-wheelbas :(3.5m)and mor</p> <p>3-trans mission :- manual geer . Floor shift</p> <p>4-four wheel elrive the real axle eguped in each side eloudle wheel</p> <p>5-steerine :-power steering left haned drive</p> <p>6-brake :-druw brake in each wheel with hooster assist darking brake to be controlled by hand getting on the rear wheel</p> <p>7-sus pension:- heavy duty (most leep spring in rear wheds</p> <p>8-gauges :-all in meteoric system.</p> <p>9-air eondition and heating to be supplied for driver and patient eabin.</p> <p>10-electric equipment : heavy duty 12 v , 75 amp/h ( and mor for amper)</p> <p>11-antenna:</p> <p>INSTALLATION OF RADIO ANTENNA IN EACH AMBULANCE AT THE</p>	500

12 wireless equipment : each ambulance equipped with radio (wireless communication elevated)

13-load capacity : the vehicle can carry net weight not less than 1000kg

14 siren and beacon : the car equipped beacon longitudinal in upper front of the car and equipped by device for communication

15-accessories: jack and fire extinguisher wheel wrench , tool kit and hazard triangle.

16-tires : high quality with tubes

availability of emergency refrigerator and emergency medical device with external electrical source

18-refrigerator have stainless steel steel door (not glass)

19- recommended spare part for 5 years

20-training for (3eng . And 5teen :- and one doctor)

21-maintenance for all vehicle for two years including labor and spare part

22- doors : two doors for driver cabin side door at the right side - for two people doors openable to the sides - for patient cabin

c.c.u car

1-car mounted ventilator

2-portable gas drive ventilator

3-o2 supply through good numbers of cylinders

4-ECG monitor with defibrillator

5-kit for first aid contains complete instrument for minor operation

sphygmomanometer

STETHOSCOPE.  
MAYK OF 3 SIZE  
tubes . (end endothelial tubes size 7 mm . 8mm internal diameter)

**larangoscope**

ambu bags

6-wall mounted drugs store

7-hooks for fluids

8-pace maker + SPO2

9-electrical sphygmomanometer portable with rechargeable battery

10- 12 leads ECG.

11-wall mounted articulated light source

12-air conditioning and heating

13-refrigerator (small size)

14- o2 regulator with flowmeter and humidifier for o2 mask therapy

15- drugs nebulizer

16-rise roof 1900mm inside

17-stretcher spare  
valing types  
folding types  
air stretcher

18-saelsler (portal)

02-06-00304

**mobile theatre**

1-ENGINE : (6-8) CYLINDER

**PETROL ENGINE**  
water cooled  
capacity 250 hp and more

2-wheelbase :(3.5m)and more

3-transmission :- manual gear . Floor shift

4-four wheel drive the rear axle equipped in each side independent wheel

5-steering :-power steering left hand drive

6-brake :-dual brake in each wheel with booster assist parking brake to

7-suspension:- heavy duty (most leaf spring in rear wheels)

8-gauges :-all in meteoric system.

500

9-air condition and heating to be supplied for driver and patient cabin.  
 10-electric equipment : heavy duty 12 v , 75 amp/h ( and mor for amper)  
 11-antenna:  
 INSTALLATION OF RADIO ANTENNA IN EACH AMBULANCE AT THE ROOF.  
 12 wireless equipment : each ambulance equipped with radio (wireless  
 13-load capacity : the vehicle can carry net weight not less than 1000kg  
 14 siren and beacon : the car equipped beacon longitudinal in upper front  
 15-accessories: jack and fire extinguisher wheel wrench , tool kit and  
 16-tires : high quality with tubes  
 17- one generator to be available to operate continuously for six hours and capacity of emergency refrigerator and anaesthetic machine divide with external electrical source  
 18-refrigerator have stainless steel sliding door (not glass)  
 19- recommended spare part for 5 years  
 20-training for (3engineer . And 5technician :- and one doctor)  
 21-maintenance for all vehicle for two years including labor and spare part  
 22- doors : two doors for driver cabin side door at the right side - for passenger cabin  
**two peel doors openable to the sides - for passenger cabin**  
 1-rise roof more than 1900 mm in side  
 2-hydraulic stretcher as a table of the stretcher move for all the direction and shock absorber  
 3-additional base for holding of the stretcher in the left side of the unit fixed  
 4-illumination inside the unit fixed sources of light use for the operation  
 5-equipment for oxygen supply with set for giving the o2 complete (5  
 6-2 electrical sucker portable with rechargeable battery put in the right side  
 7-air conditioning and heating  
 8-3parts of hooks in the roof  
 9-store for drugs with basin  
 10-complete oxygen set  
 11-anaesthetic machine complete holding  
 12-portable ventilator gas drive  
 13-intensive care unit monitor with DC shock  
 ECG + SPO2 +NIBP + pacemaker  
 14- refrigerator for blood storage (medium size)  
 15- source for o2 ready for use in the roof at both sides of inside the unit  
 16- kit -set containing all instruments need for intensive care and  
 17-kit for portable o2 and complete additional parts for giving the o2  
 18-foot suckers  
 19-air splint for fractures upper and lower limbs 2 set for each  
 20-stretcher spare  
 1 ruling types  
 1 folding types  
 1 part scope stretcher  
 1 air stretcher  
 21-kit for first aid contains complete instrument for minor operation and  
 22-surgical cutlery  
 23- ultra violet light instrument for sterilization unit and any other thing for sterilization suitable in the unit  
 24-2 bottle of N2O fitting to the anaesthetic machine  
 25 - o2 regulator with fitting to the anaesthetic machine  
 26- laryngeal mask (small - medium - large)  
 27-o2 regulator with flow meter and humidifier for o2 mask therapy

02-06-00305

**EQUIPMENT: RADIO (WIRELESS) COMMUNICATION NETWORK FOR EMERGENCY AMBULANCE CALLS.**  
 CONSISTING OF THE FOLLOWING:-  
 - ALL NETWORK SYSTEM OPERATE IN FREQUENCY (420 MHZ-

500 SYSTEM



	<p>NETWORK SYSTEM OPERATE WITH CODING - DECODING DEVICE</p> <p>- ALL NECESSARY ANTENNA FOR THE FOLLOWING STATIONS</p> <p>CENTRAL STATION WITH DESK CONTROL AND UPS FOR 6 HOURS OPERATION:</p> <ul style="list-style-type: none"> <li>- TO OPERATE ALL CHANNELS FROM ANY DESK.</li> <li>- DISPLAY FOR CODING AND DECODING SYSTEM</li> <li>- DIGITAL CLOCK</li> <li>- LAMPS FOR RECEIVING, TRANSMITTING AND STAND BY.</li> <li>- SEMI-DUPLEX OPERATION (PUSH TO TRANSMIT)</li> <li>- RF OUTPUT POWER SUFFICIENT TO COVER AN AREA 100 KM</li> </ul>	23
	<p>FIXED STATION (8 CHANNELS):</p> <ul style="list-style-type: none"> <li>- TO COMMENCE WITH CENTRAL STATIONS AND OTHER FIXED</li> <li>- RF OUT PUT POWER NOT LESS THAN (10 RF WATTS)</li> <li>- UPS FOR 6 HOURS OPERATION</li> <li>- EXTRA LAUD SPEAKER.</li> </ul>	170
	<p>MOBILE STATIONS</p> <p>(AS FIXED STATION ABOVE) EXCEPT UPS</p>	230
	<p>HANDY STATION (WALK TALKY)</p> <p>TO COMMENCE WITH CENTRAL STATION and ALL OTHER</p>	70
	<p>RECORDER SYSTEM</p> <ul style="list-style-type: none"> <li>- FOR RECORDING ALL MASSAGES DURING 24 HR.</li> <li>- ALL OPTIONS FOR ABOVE ITEMS</li> <li>- INSTALL ALL SYSTEM BY THE SUPPLIER</li> </ul> <p>2 YEARS WARRANTY (SPARE + MEN POWER)</p> <p>3 YEARS MAINTENANCE MEN POWER ONLY TRAINING FOR 4</p> <p>* SPARE PARTS LIST WITH ITEM PRICE</p> <p>* FULL CATALOGS (OPERATING AND MAINTENANCE WITH CIRCUIT</p>	25
02-06-00306	<p><b>EQUIPMENT:</b></p> <p><b>WHEEL LOADER (1-2M3) BUCKET</b></p> <p>DRIVER CABINS: FOLDING DOOR, THE LOCKING IS ASSURED ON</p> <p>ENGINE: DIESEL ENGINE WATER-COOLED</p> <p>GEAR BOX: INTEGRAL POWER SHIFT.</p> <p>MOVING SPEEDS: SPEEDS IN KM/H</p> <p>ELECTRIC EQUIPMENT: 24 VOLT 120 AMP</p> <p>AXLES: FOUR WHEEL DRIVE: FRONT AXLE AND REVERSE AXLE</p> <p>TIRES: HIGH QUALITY</p> <p>BRAKES: HYDRAULIC SERVO BRAKES</p> <p>PARKING BRAKES: DRUMS ON THE GEAR BOX.</p> <p>STEERING: STEERING TOTALLY HYDRAULIC WITH CLOSED NEUTRAL POSITION.</p> <p>HYDRAULICS: HYDRAULIC OPERATING WITH A DRIVE GEAR.</p>	1000
02-06-00307	<p><b>EQUIPMENT:</b></p> <p><b>ELEVATING WORK PLAT FORM ON TRUCK</b></p> <p>BASIC VEHICLE:</p> <ol style="list-style-type: none"> <li>1.ENGINE: DIESEL ENGINE WATER COOLED</li> <li>2.TRANSMISSION: MANUAL FLOOR SHIFT</li> <li>3.CLUTCH: HYDRAULIC CONTROL SINGLE DRY PLATE WITH AIR PRESSURE ASSISTANCE</li> <li>4.SUSPENSIONS: FRONT: LAMINATED LEAF SPRINGS WITH SHOCK ABSORBERS: REAR: FRONT: LAMINATED LEAF SPRINGS WITH SHOCK ABSORBERS</li> <li>5.SUFFICIENT TO CONTROL THE VEHICLES IN THE PARKING</li> <li>6.ELECTRICAL SYSTEM: 24V 120AMP</li> <li>7.INSTRUMENT PANEL: ALL MEASUREMENTS AND GAUGES IN</li> </ol>	100

8.FRAME: PARALLEL, TAPERED CHANNEL SECTION TYPE WITH CROSS MEMBERS AND REINFORCEMENTS

9.STEERING: LEFT HAND DRIVE, (BALL NUT TUBE, INTEGRAL TYPE) WITH HYDRAULIC POWER BOOSTER FLOOR SHIFT HANDLE  
10.TIRES:HIGH QUALITY FRONT WHEELS: SINGLE IN EACH SIDE

11. DRIVERS CABIN: ONE AND HALF CABIN SUPPLIED WITH AIR-CONDITIONING SYSTEM (COOLING, HEATING AND VENTILATION)

12. EQUIPMENT'S: THE VEHICLES (TRUCKS) IT PROVIDES WITH ALL ACCESSORIES THAT ARE CONCERNING WITH WORK OF THE TRUCK

13- EQUIPPED WITH FIBER GLASS CABINET, CAPACITY LOADING

02-06-00308

**TOWING TRUCK:**

SPECIFICATIONS FOR TOWING TRUCK:

A. BASIC VEHICLE:

1. ENGINE: PETROL ENGINE, WATER COOLED

2. TRANSMISSION: MANUAL FLOOR SHIFT AND ONE REAR SPEED.

3. DRIVE: 4 WHEEL DRIVE

4. STEERING: LEFT HAND DRIVE, (POWER STEERING).

5. SUSPENSION: HEAVY DUTY.

6. MIRRORS: ONE INSIDE AND TWO OUTSIDES SUITABLE FOR DRIVING THE VEHICLE.

7. BATTERY: (12 VOLT – 60 A.H) HEAVY DUTY.

8. TIRES: SEVEN TIRES WITH TUBES INCLUDING SPARE OF GOOD QUALITY.

9. CARBURETOR: SINGLE MANUAL CHOCK.

B. TOWING DEVICE:

1. BASIC RATING: 5 TONS

2. BOOM RATING:

FULLY RETRACTED (5 TONS)

FULLY EXTENDED.

3. WINCH RATING.

FIRST LAYER OF CABLE (5 TONS)

FOURTH LAYER OF CABLE (3 TONS)

4. LOAD CABLE:

TYPE 6 X 19 CLASS FIBER CORE IMPROVED PLOW STEEL.

DIAMETER AND STANDARD LENGTH (3/8 INCH X 10 FT),

WORKING LIMIT – SINGLE LINE (1 ½ TON) OR 3500 IBS).

NOTE -1- THE TOWING DEVICE SHOULD BE OPERATE BY BOTH  
DRIVEN BY ELECTRICAL MOTOR DEPENDING ON THE ELECTRIC  
POWER OF THE VEHICLE.

TOOLS NECESSARY FOR TOWING AND DRAWING AND LIFTING

C. ACCESSORIES:

500

	<p>1. THE VEHICLE SHOULD PROVIDE WITH AUTO JACK AND FIRE EXTINGUISHER.</p> <p>2. BOOKLET OF OWNER'S MANUAL (ENGLISH COPY).</p>	
02-06-00309	<p><b>EQUIPMENT:</b></p> <p><b>MOBILE CRANE</b>  MOBILE CRANE, TELESCOPIC, FULLY HYDRAULIC, (20-30) TONS CARRIER PART:  ENGINE: DIESEL, WATER-COOLED, COMPLETE WITH  TRANSMISSION: GEAR BOX, POWER SHIFT  TIERS: HIGH QUALITY  STEERING: HYDRAULIC SERVO- STEERING  BRAKES: SERVICE BRAKE: SERVO- BRAKE WITH COMPRESSED  DRIVER CABIN: MADE OF PLATE-STEEL RUBBER SUSPENSION,  ELECTRIC EQUIPMENT: 24 VOLTS, 120 AMP.  ROTATING PART:  ENGINE DIESEL WATER-COOLED.  CONTROLS BY HAND LEVERS AUTO-CENTERED DISTRIBUTORS.  CABIN: ALL STEEL. GLASS SECURITY WINDOWS, HEATING AND  ELECTRIC EQUIPMENT: 24 VOLTS, 120 AMP.</p>	500
02-06-00310	<p><b>EXCAVATOR, SMALL SIZE</b>  AN OPEN POSITION. GLASS MADE OF SECURITY TYPE, THE SUSPENSION REDUCES SOUND VIBRATION.  SIZE, DIESEL ENGINE, WATER-COOLED. FIELD TRUCK SUITABLE  TIERS: HIGH QUALITY  ELECTRIC EQUIPMENT: 24 VOLTS, 120 AMP.</p>	500
02-06-00311	<p><b>MOBILE DEAD BODY</b>  SPECIFICATION FOR MOBILE DEAD BODY CARRIER BASIC  1- ENGINE: PETROL ENGINE  WATER COOLED  2- TRANSMISSION: MANUAL GEAR BOX – FLOOR SHIFT  4- BRAKE: DUAL- CIRCUIT HYDRAULIC BRAKE WITH VACUUM  5- STEERING: POWER STEERING LEFT HAND DRIVE</p> <p>6- FUEL TANK: 80 LITTER  7- BATTERY: 12 VOLT/ 75 AH</p> <p>ALTERNATOR: 14V/90A  STATOR: 1.2KW</p> <p>8- TIRES: HEAVY DUTY WITH TUBES  9- AIR CONDITION AND HEATING FOR DRIVER CABIN</p> <p>10- ALL GANGES IN METRIC SYSTEM  11- PAINT: BLACK</p> <p>12- ANTENNA  INSTALLATION OF RADIO ANTENNA IN EACH AMBULANCE AT THE WIRELESS EQUIPMENT: EACH AMBULANCE EQUIPPED WITH  B- DEAD BODIES COMPARTMENTS TO BE COOLED BY A SUITABLE  LOADING DOOR: TWO REAR OPERABLE TO THE SIDE OR ONE RIG. FIXED STRETCHER TO BE FITTED IN A SUITABLE PLACE INSIDE THE VEHICLE WITH AN ADDITIONAL MOBILE STRETCHER.  EXTINGUISHER REPAIR TOOL KIT OWNERS MANUAL (ENGLISH COPY)</p>	500
02-06-00312	<p><b>VEHICLE PICK-UP SINGLE CABIN</b>  1. PETROL ENGINE WATER COOLED  2. MANUAL GEAR BOX, FLOOR SHIFT</p>	1000

	<p>3. STEERING POWER STEERING LEFT HAND DRIVE  4.ELECTRICAL EQUIPMENT'S: BATTERY 12V-60AMP HEAVY DUTY  5.AIR-CONDITIONING FOR DRIVER CABIN (HEATING AND</p> <p>6. SUSPENSION: HEAVY DUTY  7. TIRES WITH TUBES: SUITABLE FOR DIFFERENT ROADS (HIGH QUALITY)  8. CABIN: SINGLE CABIN WITH DOOR IN EACH SIDE.  9. MIRRORS: TO BE EQUIPPED WITH TWO SIDES MIRRORS AND  10.ACCESSARIES: TO BE EQUIPPED WITH JACK + WHEEL WRENCH  11.LOADING CAPACITY: FROM (1-2)TONS  12.ALL MATERIALS INSERTED IN THE CONSTRUCTION OF THIS  13.MAINTEMANCE FOR ALL VEHICLES FOR TWO YEARS ON</p>	
02-06-00313	<p><b>LAND CRUISER 4 WHEEL DRIVER</b>  1.PETROL ENGINE: ENGINE WATER COOLED  2.MANUAL GEAR BOX, FLOOR SHIFT  3.STEERING: POWER STEERING LEFT HAND DRIVE  4.ELECTRICAL EQUIPMENT'S: BATTERY 12V, 60AMP, HEAVY DUTY  5. AIR-CONDITIONING: TO BE EQUIPPED WITH EFFICIENT AIR-  6.SUSPENTION: HEAVY DUTY  7.TIRES WITH TYPES SUITABLE FOR DIFFERENT ROADS (HIGH  8. DOORS: TWO DOORS IN EACH SIDE OF THE VEHICLE WITH  9. MIRRORS: TO BE EQUIPPED WITH 2 SIDES MIRRORS AND ONE  WRENCH AND HAZARD TRIANGLE AND ANY EQUIPMENT  11. MAINTENANCE FOR ALL VEHICLES FOR 2 YEARS ON A COUNT</p>	2500
02-06-00314	<p><b>HANDLING TRUCKS</b>  FOR BOXES CASE (UP TO 300KG) WITH TOE EXTENDED (FOLD UP</p>	1000
02-06-00315	<p><b>LIGHT ALLOY TROLLEYS</b>  ALUMINUM SLATS INSERTED IN A BOLTED, REIN FORCED FRAME  AND CASTORS (2 FIXED AND 2 SWIVEL)</p>	1000
02-06-00316	<p><b>HAND PALLET TRUCKS</b>  CAPACITY UP TO 3000 KG  LIFTING: HYDRAULIC CONTROLLED BY HANDLE, RISE 120MM  CONTROL HANDLE: RETURNS AUTOMATICALLY TO UPRIGHT  3 POSITION CONTROL HANDLE (RAISE, NEUTRAL, LOWER)  WHEELS 200MM STEERING WHEELS AND SIMPLE 85MM NYLON</p>	1000
02-06-00317	<p><b>MOBILE LADDERS AND PLAT FORMS</b>  in ALUMINUM TREADS in NON SLIP STUDDER SURFACE  - PLATFORM IN ALUMINUM ALLOY, WITH NON SLIP STUDDER  - MAXIM PLAT FORM HEIGHT (3.5 METER)  - BASE FITTING FRONT 100MM <math>\phi</math> SWIVEL CASTORS WITHOUT</p>	1000
02-06-00318	<p><b>TELESCOPIC ELEVATING WORK PLATE FORMS</b>  - CAPACITY 360 KG FOLDED UP ALUMINUM ALLOY CONSTRUCTION  - OPERATION: A HYDRAULIC SET INSTALLED AT THE BASE OF THE  - POWER SUPPLY 220V AC AND 12V DC (OPTION)  - PLATE FORM DIMENSIONS 240 X 70 CM.</p>	1000
02-06-00319	<p><b>HIGH LIFT HAND PALLET TRUCKS 1000KG CAPACITY</b>  - FORK WIDTH 520 MM  MANUAL LIFT (HYDRAULIC)  - TO LIFT LOAD FROM 83 MM TO 830 MM (OR HIGHER)  LIFTING CONTROL: VIA PEDAL  LOWERING CONTROL: VIA HANDLE</p>	1000
02-06-00320	<p><b>NICKEL – CADMIUM ACCUMULATORS (BATTERIES)</b>  6 VOLT, 6 AH</p>	1000
02-06-00321	<p><b>EQUIPMENT: CLOCK</b>  GROGY TIMING OLD MODEL GT1/60C1  1- CENTRAL CLOCK SYSTEM  2- SINGLE FACE SLAVE CLOCK  3- DOUBLE FACE SLAVE CLOCK  4- SPARE PART FOR 5-YEARS  5- COMPLETE CATALOGUES SET  6-installation of one system on site  7-guarrantee one year after installtion and operation  8-trining two-site eginer for two week at least on factory</p>	<p>100  6000  2000  100 sestem  100</p>

02-06-00322	<p><b>SPECIFICATION OF AIRCONDITIONING</b></p> <p><b>WARE HOUSE (COLD STORE FOR DRUGS)</b>  FIRST :  Supply and erection (40) prefabricated air conditioning warehouse with  a- storing at temp 16-20 C  APPROXIMATE BUILDING DIMENTION:  100 m length</p> <p>32 m width  8.3 m hight  b- storing at temp 16-20 C  APPROXIMATE BUILDING DIMENTION:  57 m length  20 m width  7 m hight  c- storing at temp 15-20 C  APPROXIMATE BUILDING DIMENTION:  25 m length  15 m width  5 m hight  3- frame work and roofing  a- main frames : the main frams will consist of hot rolled steel column ,  b- purlins and side rails: purlins and side rails will be cold rolled pre  c- ancillary steel work: the steel fram will be supplied with all necessary  d-roofing:- single galvanised steel sheet 0.6 mm thick 45/250 profile poly  e- servic preparation and treatment : all steel work will be sheet blasted  4-CEILING AND SIDE WALL CLADDING:  a- insolated sandwich steel panel external and internal face 0.6 mm  d- doors : each store has 4 no. ( 3500mm X 4500 mm) manually operated  e- an inter area 25X8 m in the front and back side of the store to keep the  f-an office 4000mmX4000mmX2800mm inside each store from sandwich  5- cold stor ( one pore each stor ) 200 m3 capacity prefabricated insulated  6-AIR CONDITIONING INSTALLATION :  SUPPLY AND INSTALLEDAIR COOLED PACKAGED WATER  7- electrical installation :  a- transformer with suitable capacity and all hight tension equipment and  b- main switch boardse and distribution boards mounted out side the  c- cabling / sub - circuits wiring  d- lighting : provided from floresent fitting (double flouresent ) 20 w/m2  8-fire alarm system : acomplete fire alarm system comprising break glass  9-fire fitting system ( automatic sprinkler system) design manufacture  a- all pipe work fittings hangers and sprinklers heads  b- all necessary installation controlling valve  c-two automatic fire pumps ( one electrical and the others is diesl with all  d- water storage tank enough for one hour made from galvamised steel  e- joky pump  10- storage racking : storage racking type narrow aisel racking from  11- frok lift truck:  a-two frok lift per stor.for the racking rider electric reach truck which  capacity 1350 KG lifting height 7000mm  b-two frok lift per stor / for loading and unloading from the truck  12-generator one generator for  13-one electronic.digital (PABX),6 trunk,64 extension with all necessary  SECOND: general condition  1-the offer should include work shope drawing for foundation and  2-one year waramty 1 spare parts and labour.  3-one year mainten ance labour only  4-foundation will be don by the eliemnt according to your design and  5-stor building to risut 140KM/Hr   6-supply quick moving spare part list enough for five yeas   7-the company shoulds submit training course for 6 technicians for three  weeks and am invitation for 4 engineers for observation for two weeks</p>	500
		100
02-06-00323	<p><b>Telephone exchange system</b>  Capacity :1000 line  10% of lines for special</p>	100

02-06-00324	<b>Packaged unit air-conditioning 12 ton for lift room</b>	100
02-06-00325	<b>Equipment: Multimedia projector</b> minimum specification - 650 ANSI Lumens - SVGA (800X600) on – screen resolution - Portable 8.2 Kg - 4on- screen presentation tools - full remote control with “ virtual mouse “ - screen image size (diagonal) : 53 CM to 762CM - four in put channels for computer and video signals - built-in speakers and audio in puts for external connection	500
02-06-00326	<b>Equipment : Scanner</b> -push – button scanning - full 36 – bit cooler depth ( in put and out put)  - solid steel chassis  - fast single – pass scanning - quick easy – to – install enhanced parallel ( EPP) inter face ( no. SCSI card necessary )  - 600 X 1200 DPI optical resolution  - 9600X9600 DPI enhanced resolution - Arabic and English OCR +caress Omni page softwares	500
02-06-00327	<b>Equipment : notebook</b> - intel pentium II 300 MHZ with MMX TECHNOLOGY - Intel mobil module (IMM) architecture - 128 Mb EDO DRAM - 512 KB secondary cache - 9GB HDD - 1.44 Mb modular floppy drive  - 24X CD- ROM ( optional DVD- ROM drive ) - 13.3" TFT screen / XGA screen - integrated 16-bit stereo sound system - NTSC/PAL TV out and s-video out - S3 Virge MX/ 4Mb (videschip/RAM) - PCMCIA 56K integrated fax modem - 232-bit card, 1zoomed vides (PC card slot) - (Battery/life) lithium ion/2.9 hours - (Dimensions/ Travel weight) 2.1x12x9.5"/8.6 pounds - USB and fast IR ports - Integrated personal touch pad - 2 extra Battery and charger for eash Unit - VDC connecter	500
02-06-00328	<b>EQUIPMENT:ROOF</b> - U Value Kcal/m2 hc: 0.55-0.74 - Weight/Kg/m2: 12.51 - Length/m: 6-9 - External face 0.63mn galvanised steel sheet 0.45mm profile coated with	10000M2
02-06-00329	<b>EQUIPMENT:WALLS</b> - U Value Kcal/m2hc: 0.55-0.74 - Weight/Kg/m2: 12.51 - Length/m: 6-9 - External and Internal face 0.63mm galvanised steel sheet with 4mm	30000 m2 with angle and Tee elements
02-06-00330	<b>Offset machine four colors size 72x102cm</b>	100
02-06-00331	<b>Offset machine . four colors size 52x74cm with numbering system</b>	100
02-06-00332	<b>Offset machine size 36x52cm four colors with numbering system</b>	100
02-06-00333	<b>Camera photo for off set with drum scanning and all accesries</b>	100
02-06-00334	<b>Device Contact size :100 X 150</b>	100

02-06-00335	Stitching machine with four heads four size 20x25mm	100
02-06-00336	Machine of tying string	100
02-06-00337	Collection machine for all sizes	100
02-06-00338	High speed paper cutter (width 115cm) with ten knives as spare	100
02-06-00339	Inking operator for GTO machine size . 32 X 46 cm	100
02-06-00340	Inking operator for GTO machine size : 35 X 52 cm	100
02-06-00341	Numbering box letter press for 6 numbers back down	4000
02-06-00342	FILM ARTS GRAPHICS BLACK & WHITE	4000
	Size : 50 X 60 cm	4000
	100X70 CM	4000
	40 X 60 cm	4000
02-06-00343	Set . of light notes to dark notes that Return to picture .	100
02-06-00344	plate pressing size : 102X71 cm  52X74 cm  32X 46 cm	200 boxes each box 100 sheet 200 boxes each box 100 sheet 200 boxes each box 100 sheet
02-06-00345	Blanket size : 102X71 cm 50X74CM 32X52 cm 32X46 cm	4000 4000 4000 4000
02-06-00346	Under blanket size: 102X71 cm 52X74CM 32X52 cm 32X46 cm	4000 4000 4000 4000
02-06-00347	Developer plate A & B	3000 for each
02-06-00348	Correction	200 bottle
02-06-00349	Fixer	200 bottle
02-06-00350	Ster lon sheet 100X70 cm	4000 sheet
02-06-00351	Steel core for switching machine 22\19& 21\19 copper core for switching machine 22\19& 21\19	2000 turning 2000 turning
02-06-00352	Cart bort 100 X70 cm , 240 g\m <sup>2</sup>  Cart bort 100 X70 cm , 240 g\m <sup>2</sup>  Cart bort 100 X70 cm , 240 g\m <sup>2</sup>  Cart bort 100 X70 cm , 240 g\m <sup>2</sup>	white cooler2000 0 band green cooler 20000 band  blue cooler 20000 band  pink coole20000 band
02-06-00353	Cart bort 100 X 70 cm ,200 g\m <sup>2</sup>  Cart bort 100 X 70 cm ,200 g\m <sup>2</sup>	white cooler 20000 band green cooler 20000 band

	Cart bort 100 X 70 cm ,200 g/m <sup>2</sup>	blue color 20000 band
	Cart bort 100 X 70 cm ,200 g/m <sup>2</sup>	pink color2000 0 band
<b>02-06-00354</b>	<b>Cart bort 100 X70 cm ,180 g/m<sup>2</sup></b>	white color 20000 band
	Cart bort 100 X70 cm ,180 g/m <sup>2</sup>	green color 20000band
	Cart bort 100 X70 cm ,180 g/m <sup>2</sup>	blue color 20000 band
	Cart bort 100 X70 cm ,180 g/m <sup>2</sup>	pink color 20000 band
<b>02-06-00355</b>	<b>Paper 100 X 70 cm , 80 gm ,</b>	white color 20000 band
	Paper 100 X 70 cm , 70 gm ,	20000 band
	Paper 100 X 70 cm , 60 gm ,	color 20000
<b>02-06-00356</b>	<b>Inking off set</b>	2000sets & 6000 kg black
<b>02-06-00357</b>	<b>Inking letter</b>	1000 & 1000 kg black
<b>02-06-00358</b>	<b>Carbon papers 100X70 cm</b>	white color 5000 band
	Carbon papers 100X70 cm	blue color 5000 band
	Carbon papers 100X70 cm	pink color 5000 band
	Carbon papers 100X70 cm	yellow color 5000 band
<b>02-06-00359</b>	<b>EQUIPMENT: SUB – STATION</b> SITE:SADDAM MEDICAL CITY	
	<b>STEPDOWN TRANSFORMER DELTA/ STAR 11000/400VOLT,</b> 115 C RISE ABOVE 50 C AMBIANT , CAPABLE OF CARRYING 15%	100
<b>02-06-00360</b>	3 TRANSFORMERS ; ONE SWITCHGEAR FOR EACH AND A MAIN INCOMMING FEEDER THE H.V SWITCHGEAR SHALL BE HORIZONTAL DRAW OUT C.B DESIGNED MANUFACTURED AND TESTED ACCORDING TO THE BS	100
<b>02-06-00361</b>	MEDIUM VOLTAGE SWITCH BORD MAIN AND TIE CB, SHALL	100
	THE MAIN AND TIE CB'S SHALL BE THE FUSED DRAWOUT TYPE,	
<b>02-06-00362</b>	<b>BUSWAYS 5000 AMP. RATING</b> PROVIDE TOTALLY INCLOSED WEATHER PROOF LOW IMPEDANCE BUSWAY SHALL BE 220/380 V , 3 PHASE ,4 WIRE , 50 Hz . BUSBARS SHALL BE COPPER FABRICATED FROM 98%	500 METERS
<b>02-06-00363</b>	<b>Field car ( 4WD a/c model 99 )</b> LAND CRUISER 4 WHEEL DRIVER 1.PETROL ENGINE: ENGINE WATER COOLED	500



	2.MANUAL GEAR BOX, FLOOR SHIFT 3.STEERING: POWER STEERING LEFT HAND DRIVE 4.ELECTRICAL EQUIPMENT'S: BATTERY 12V, 60AMP, HEAVY DUTY 5. AIR-CONDITIONING: TO BE EQUIPPED WITH EFFICIENT AIR- 6.SUSPENTION: HEAVY DUTY 7.TIRES WITH TYPES SUITABLE FOR DIFFERENT ROADS (HIGH 8. DOORS: TWO DOORS IN EACH SIDE OF THE VEHICLE WITH 9. MIRRORS: TO BE EQUIPPED WITH 2 SIDES MIRRORS AND ONE 10. ACCESSORIES: TO BE EQUIPPED WITH JACK + WHEEL 11. MAINTENANCE FOR ALL VEHICLES FOR 2 YEARS ON A COUNT	
02-06-00364	Photo copy machine	500
02-06-00365	Overhead projector , LAMP 650 W , 25 x 25 cm	500
02-06-00366	Television ( 39 inch )	500
02-06-00367	Video camera ( VHS ) with accessories	500
02-06-00368	Double- cassette recorder with amplifier	500
02-06-00369	Video ( VHS ) with accessories	500
02-06-00370	Photo Camera	500
02-06-00371	Slide projector with all accessories	500
02-06-00372	Assembly of video – tape equipment ( for recording , play – back &	500
02-06-00373	Pentium II -450 MH3w/cache 128-MB RAM 6-MB HDD 1.44-MB FDD 40-X CD Drive Multimedia KIT -8 MB VRAM -A/E 104 Keys Keyboard MS mouse + Pad -Power Supply + Case+ Dust Covers -15n Monitor SVGA *HP Laser jet 1100 Printer Extra Tones 10 foe each Printer HP 6P Laserjet printer( 2 only )	500
02-06-00374	passenger bus for transportation of wheel chair patient  capacity :- 6-10wheel chair aoutomatie door with hydrolic lifter for wheel chair diesel engine ,air condition ,tow ordinary seats and flat floor	100 Buses
02-06-00375	VACUM AIR	100
02-06-00376	Telephone exchange system  2 out line x 20 in line	100
02-06-00377	EQUIPMENT: Generator (1000KVA ) Generator (250KVA) 1500 KVA 750 KVA 550 KVA 150KVA 55 KVA Fully automatic mains failure diesel generator sets suitable for operation Prime power : (1500,750,550,55) KVA Nominal voltage : 400V Nominal frequency : 50 HZ Speed : 1500 rpm Power factor : 0.8 Voltage variation : static + _ 1-1.5 % Alternator connection star with neutral Insulation class F rotor and stator temperature rise class F rotor and stator - harmonic distortion factor < 3.5 %  - construction B3/B5 - radio interference class N - tropical insulation	2000 2000 2000 2000 2000 2000 2000

	<p>-long life bearings  Damper winding for parlor operation 100% unbalanced  Load  Ambient temp. 0-60 C , humidity 95%  Fuel tank 10 hours at full load operation Starting battery capacity 240  (1500,750,550)KVA, 12V 120 AH for  55KVA</p> <p>Time delay                    on starting 0-60 second      On release 0-15 minutes</p> <p>Over load operation 10% for one hour  The diesel engine, (know manufacturing origin ,first oil filling , water</p> <p>The set engine and alternator and control panel is equipped with all accessories needed for sensing indicating warning metering protecting and supervision the flowing:  1- starting failure  2- over and under voltage  3- over and under speed  4- Oilpressure and temp.  5- low fuel level  6- Water pressure and temp.  7- phase failure and sequence  8- Over load and short circuit.  9- battery failure  10- lubrication system failure  11- cooling and pre-heating system failure  12- fuel injection system failure  13- Alternator winding and bearing temp.  14- alternator over current</p> <p>And also the control panel should contain the followings :  1- pair of change over contractors mechanically &amp; electrically interlocked  2- circuit breaker fitted with thermal overload trips &amp; magnetic short  3- automatic battery charger device 220/24 volt with voltmeter &amp; ampere  4- manually operated change - over switch to connect load directly to  5- time delay to isolate load from generator &amp; connecting it to the main  And also ) Electric lighting must be sufficient inside the container at least</p> <p>The offer including :  1-.installation the gensets on sites  2- spare part for 5-years  3-warranty period of tow years after operation at site  4-three years maintenance after period of warranty  5-training course on factory  6-complete standard set of tools and measuring equipment for each set  7-complete set of mantas and diagram for each set</p>	
02-06-00378	<b>Electric drill</b>	200
02-06-00379	<b>Dishes washing machine</b>	200
02-06-00380	<b>Ampoule sealing machine with accessories</b>	200
02-06-00381	<b>Cold room</b> 35C 9.5M3	500
02-06-00382	<b>Cold room</b> +2/+6 C 7.2M3	500
02-06-00383	<b>Security system</b>	100
02-06-00384	<b>Specific printer for bar</b>	500
02-06-00385	<b>Lab refrigerators</b>	100
02-06-00386	<b>Vacuum</b>	100
02-06-00387	<b>VEHICLE</b>  <b>Mechanical Specification Fire Fighting ( Water + Foam Vehicle )</b> <b>1. The Cabin :</b>  A: Left hand drive with power steering B: Six seat including the driver ( double cabin ) .  C: Anti corrosion made cabin . D: Provided with unbreakable glass.	500

E: The Cabin provided with hydraulic & manual system for rising  
 F: red paint .

**2. The Engine :**  
 A: Working by fuel ( Diesel ) in line .  
 B: Provided with perfect water cooling system for the engine of the vehical  
 C: The horse power not less than ( 300 ) with one axle .

**3. The pump unit :**  
 A: Type – centrifugal combined for normal & high pressure with four  
 B: Material – anti corrosion –impellers , suction inlet , discharge outlet ,  
 pump shaft made of stainless steel .  
 C: Power take off : with gear , oiling system , mechanical pneumatic  
 D: Pump outlet not less than 3000 liter / min at (8-10) bar .  
 E: Provided with automatic outlet air system .  
 F: Provided with one suction system in each side within (4) inch diameter  
 ( English teech ) with cover strainer .  
 G: Provided with four outlet 2,5 inch ( Tow in each side or in the rare )  
 H: Provide with all gauge for pressure & speed pump .

**4. Water Foam Tank :**  
 A: 7000-7500 liter water + at least ( 500 – 1000 ) liter foam .  
 B: Water & Foam tank made from suitable material unit corrosion can  
 Along time not less than 10 years .  
 C: A Tank fill line 2.5 inch instantaneous coupling .

**5. Petrol tank :**  
 200-300 liter gasoline .

**6. Electric system :**  
 A: 2 Batteries 12V . ( 135- 165 A)  
 B: All electrical system made from good insulated material .  
 C: Provided with two head lights & two back lights .  
 D: Provided with front vogue & side light .

**7. Additional fire equipment :**  
 A: Monitor for water on top of the vehical could be rotated 360 . the  
 monitor Nozzle is provided with a 2000 L / min .  
 B: 1100/ 20 or 1200/20 tire size ..  
 C: (1) Project or ( search ) light  
 D: (1) electronic horn with loud – speaker  
 E: (1) Warning light .  
 F: 4 Section pipe (4) inch diameter , 2.5 meter length each completed with  
 G: Steainer with suction basket .  
 H: (4) dry powder extinguisher (12) Kg .  
 I: Aluminized asbestos suit for entering fire (2 piece ) .  
 J: (80) meter rubber pipes (3/4 ) inch diameter with suitable rolls pulled .  
 K: Complete driver tools Kit with Jack .  
 L: (2) Ladders length (12) meter fitted on the top of the vehicle ( each side  
 M: (2) steel fine axe with unit electrical handle up to (20000 ) volts .  
 N: (8) rubber for fire fighting .  
 O: (8) fire suit for fire fighter .  
 P: (10) hose 20 meters long 2.5 inch instantaneous coupling .

**8. Spare Parts :**  
 Spare parts choosing by from delivery company & its enough to maintans

**9. Foam :**  
 500 Lt for each Vehicle with sent the specification for maney type of Foam

02-06-00388	<b>Split unit 25 TON</b>	100
02-06-00389	<b>Network</b> PACS (Picture Archiving and communicating system ): state of the art and of up gradeable technology -to serve linking the X-ray dept internally & to the following stations conference room operation rooms operating suite meeting room doctor offices microprocessor based workstation for each secretary	100 100 200 100 100

	interface to possible tele medicine archiving on magnetic optic disk hard copies obtained from laser camera VCR (PAL) Video printers each is connected to MRI,CT,mobile CT ,angio, DER UPS Five years maintenance incl spar parts	
02-06-00390	<b>Main conference room</b> Projection T.V and screen Overhead projectors X2 Slide projectors X2 Video (pal) Multiple X- ray viewers - mobile	100
02-06-00391	<b>Doctors offices :</b> In each office the facility to be provided with computer terminal linked to X- Tow extra stations in two extra doctor offices	100
02-06-00392	<b>Pa keg unit 7,5 Ton</b>	1000
02-06-00393	<b>Pa keg unit 5 Ton</b>	100
02-06-00394	<b>submersible drainings Pump for spring well</b> old model :- SP25	50
02-06-00395	<b>C02 incubator</b> Mince - 1000 - solid state	100
02-06-00396	<b>Steam boiler 3TON</b>	100
02-06-00397	<b>Water treatment (deionized water) (hemodialysis)</b> 1-Power supply 220V power=2500W 50HZ 2-pressure supply 3 bar - 6 bar 3-out put supply 1 m3/hour - 3 m3/hour 4-equipment contain of : A-sanfliter B-softener (cationic)  C-culler filter D-R-O filter E-storage tank 2000L F-recirculation pump	500
02-06-00398	<b>Cooling tower</b> 1-model TMC 520 2-capacity Kcal/h 1.954.000 3-number of fans 10 4-air flow M3/h 119.000 5-water flow M3/h 326 6-weight kg - Net=3.730 operating 5.930 7-number of motors 4 8-electric heater power kw 5+5	100
02-06-00399	<b>Photo graphy equipment (iron for drying the negative)</b>	100
02-06-00400	<b>Tanks for film development</b>	100
02-06-00401	<b>BOILING PAN,GASEOUS:</b> 100LT,S/S with lid, water inlet, discharge faulet, LPG control, safety valve, jacketed, floor mounted.	1000
02-06-00402	<b>BOILING PAN,ELECTRIC:</b> As above but electric heated, controlled.	1000
02-06-00403	<b>BOILING PAN, ELECTRIC:</b> As above but steam heated, controlled.	1000
02-06-00404	<b>DEEP FRYER,GASEOUS:</b> Double well with baskets, covers, all stainless steel, ltemperature control floor mounted, size about 600x800x650.	1000
02-06-00405	<b>DEEP FRYER,ELECTRIC:</b>	1000

	As above, but electric operated, 380V, 3PH,thermostatic control, timer.	
02-06-00406	<b>COOKER, GAS RANGE:</b> With oven, 5cuft,S/S body, burners, 900x900x800,pilot flame,	1000
02-06-00407	<b>COOKER , ELECTRIC RANGE:</b> As above but electric, thermostat control (18) KW total load, 4 hot	1000
02-06-00408	<b>MEAT MINCER:</b> Heavey duty meat grinder, 1 1/2 HP motor capacity not less than	1000
02-06-00409	<b>MEAT SAW:</b> Floor mounted S/S table and parts, 900x600mm working table, 1	1000
02-06-00410	<b>SLICER:</b> Heavy-duty compact, food slicer, S/S and aluminifinish, table type,	1000
02-06-00411	<b>GRILL GASEOUS:</b> 800X500 450 high with adjustable levels, floor mounted, s/s	1000
02-06-00412	<b>GRILL ELECTRIC:</b> AS above but electric heaters, 10KW, 380V, 3PH,controls, access.	1000
02-06-00413	<b>OVEN, GASEOUS:</b> 1000X800X500 depth oven, glass door, adjustable, temp,	1000
02-06-00414	<b>OVEN,ELECTRIC:</b> AS above but electric powered 15KW, 380V, 3PH.	1000
02-06-00415	<b>FOOD CUTTER:</b> 14 bowl food cutter, all S/S, adjustable speed, easy clearable, with	1000
02-06-00416	<b>FOOD MIXING MACHINE:</b> Floor mounted, 1/3hp, 1-pH motor, adjustable speed, mixing	1000
02-06-00417	<b>KETTLE ELECTRICAL:</b>  5 LT boiling kettle, electric, controlled ,all S/S with insulated handle and base	1000
02-06-00418	<b>TEA URN:</b> 20 LT electric tea earns adjustable temp. With thermostat and	1000
02-06-00419	<b>POTATO PEELER:</b> Floor mounted 8LT load, 1/2 hp motor with full accessories and	1000
02-06-00420	<b>HOT CUPBOARD:</b> 1100X650X800 hight, electric heated, 50-130C,controlled, all S/S,	1000
02-06-00421	<b>ICE CUBE MACHINE:</b> Chest type with storage bin, 4 KG/HR ice-making machine, S/S	1000
02-06-00422	<b>INSECT KILLER:</b> tray.	1000
02-06-00423	<b>SINK AND TABLE:</b> Heavy guage S/S, round edges, back splash table, double BOW1,	1000
02-06-00424	<b>PREPERATION TABLE:</b> Heavy guage S/S, round edges table, mounted on S/S legs, with	1000
02-06-00425	<b>MOBILE SINK:</b> Sink (1) mm S/S, on castors, 220 LT with drain valve.	1000
02-06-00426	<b>STAINLESS STEEL SHELVING:</b> Heavy guage shelving adjustable hight of 4 shelves per unit, each	1000
02-06-00427	<b>CONVECTION OVEN:</b> Electric operated, (10) shelves of 500x650mm upto 180 C, floor	1000
02-06-00428	<b>Bench surface protector</b>	500 packets
02-06-00429	<b>Drying cabinet ,large</b>	500
02-06-00430	<b>Drying rack wall mounted &amp; bench top 72 place, 22 place</b>	500for each
02-06-00431	<b>Air condition 2.5ton</b>	500
02-06-00432	<b>Telephone exchange system</b>  200 inter line 10 outer line	1000

02-06-00433	Chilled water airconditioning system 50K.W	500
02-06-00434	Aircondition package type 25K.W.	500
02-06-00435	Window type airconditioner 24000 P.t.U	500
02-06-00436	Window type airconditioner 18000 P.t.U	500
02-06-00437	Emissioning water pump 4"	500
02-06-00438	Emissioning water pump 3"	500
02-06-00439	Freezing store room 18m3 -30°C	500
02-06-00440	Cold store room 24m3 - 4" C	500
02-06-00441	Electric hot water boiler 3000 lit3	500
02-06-00442	Refrigerator 6 feet	500
02-06-00443	Refrigerator 12 feet	500
02-06-00444	Coloured T.V 16 inch	500
02-06-00445	Telecommunication unit 400 lines with telephones	500
02-06-00446	P.C. computers	500
02-06-00447	Mechanical & electric tools	500sets
02-06-00448	Flour mixer capacity 100gm	500
02-06-00449	Bread fertilizer	500
02-06-00450	Baker oven electric	500
02-06-00451	Meat mixer large size	500
02-06-00452	Electric coolr large size	500
02-06-00453	Pick up motor vehicle 1 ton	500
02-06-00454	Clothes washer machine large size	500
02-06-00455	Clothes steam iron machine larg size	500
02-06-00456	Vaccum floor dryer	500
02-06-00457	Hoover (vaccum cleaner)	500
02-06-00458	Dry woop	500
02-06-00459	Double trolley carrige for floor cleaning with woop & seguer with 2 plastic bags	500
02-06-00460	Electric table calculator	500
02-06-00461	Grass grinder electric	500
02-06-00462	Electric arabic printer	500
02-06-00463	Electric english printer	500
02-06-00464	Tool & equipment for mechanical work shop	500set
02-06-00465	Tool & equipment for electronic work shop	500set
02-06-00466	Closed circuit TV. system	500
02-06-00467	Cameras fixed in operation theaters with out door monitoring	500
02-06-00468	Computer for hospital use	500
02-06-00469	Laundry & CSSD central station	500
02-06-00470	Bleep- Doctor call (3 miles range)	for500per son
02-06-00471	Equipment-dusters	5000
02-06-00472	mist spriying machine holed by back with spare parts	5000
02-06-00473	fogging mechine with spare parts- the A/M item should be included the followingtechnical specifications 1- self starting	1000
02-06-00474	trailer with spare partes	1000
02-06-00475	hudson x-pert 10 liter with spare partes	2000
02-06-00476	wheal barrow power sprayer 100 liter with spare partes	1000



	c) 2000 lt condensate tank d) blow down receiver complete e) 5 meters chimney f) chemical dosing pump with tank and fitting complete g) 5 year recommended spare parts h) 1 year warranty i) training of 2 engineers in factory j) supervision on installation	
<b>02-06-00491</b>	<b>DUPLEX WATER SOFTENING PLANT</b> SADDAM MEDICAL CITY Supply a duplex water softener : Service flow rate : 90m <sup>3</sup> /hr Ion exchange resin type : strong cation Ion exchange resin volume: 3800 liters Underbed : coarse and fine gravel Operation mode : automatic / manual Net capacity of softened water per regeneration /unit Regeneration initiation flow meter Salt consumption per regeneration : 430 kg Brine tank recharge capacity : 1.25m <sup>3</sup> Working pressure : 5.0 bar max 1.72 bar min. electricity supply : 380v, 3 phase, 50 Hz fully wired, piped assembled on skid, control panel fitted ready to connection. full detailed specs and drawings to be submitted Ultraviolet water bacteria removal unit for 10 m <sup>3</sup> /hr filtered water 10 m <sup>3</sup> /hr filter for drinking water, duplex sand filter with automatic Set of 5-year spare parts, training, supervision on installation, test kits, consumables for one year, to be included for above.	100 100 100 100 Lot
<b>02-06-00492</b>	<b>NURSE CALL SYSTEMS</b> MANUFAC. DUKANE SADDAM MEDICAL CITY SYSTEMS COMPLETE REBUILD, SUPPLY OF REPLACEMENT CALL CORDS, BUTTONS AND ACCESSORIES INSTALLATION, SPAREPARTS FOR 5 YEARS, TRAINING	100 LOT 100 LOT
<b>02-06-00493</b>	<b>DOCTOR CALL SYSTEM</b> REPAIR OF NIRA TELESTAR Saddam Medical city Wireless bleep system to cover no less than 5KM radius area, Set of 5-year spare parts, one year consumables, training, supervision on installation 3 sets of technical documents, to be included for above	100 100 lot
<b>02-06-00494</b>	<b>Electronic master clock system</b> saddam medical city Electronic master clock system consists of : 1-master time center 2-solid state generator Each hour the master time center should initiate clock correction Replacement to SIMPLEX CLOCK SYSTEM manufactured by SIMPLEX TIME RECORDER CO. Inc (2350 master clock, 2850	100



	Spare parts for one year operation.					
	Secondary wall clocks, single face.	500				
	Secondary wall clocks, double face.	200				
	Set of 5-year spare parts.training.supervision on installation to be included for above	100 lot				
<b>02-06-00495</b>	<b>UNINTERRUPTIBLE POWER SUPPLY UPS</b> SADDAM MEDICAL CITY  AC POWER STATION 1.5 KVA COMPLETE WITH BATTERIES. VOLTAGE INPUT : 220 VAC  OUTPUT : 220 VAC FREQUENCY : 50 HZ  TRANSFER TIME : 50 – 100 MS FULL RATED LOAD FOR 90 MINUTES MINIMUM LOAD POWER FACTOR 0.85 LAY OR 1.0 LEAD	100				
	Set of 5-year spare parts,training,	100 LOT				
<b>02-06-00496</b>	<b>Central Medical VACUUM PUMP</b> SADDAM MEDICAL CITY					
	VACUUM PUM UNIT COMPLETE FREE AIR DISPLACEMENT AT ATMOSPHERIC PRESSURE VOLUMETRIC THROUGH PUT AT LINE VACUUM 4050 L/MIN,	100				
	VACUUM PUM UNIT COMPLETE FREE AIR DISPLACEMENT AT ATMOSPHERIC PRESSURE VOLUMETRIC THROUGH PUT AT LINE VACUUM 2700 L/MIN,	100				
	VACUUM PUM UNIT COMPLETE FREE AIR DISPLACEMENT AT ATMOSPHERIC PRESSURE VOLUMETRIC THROUGH PUT AT LINE VACUUM 20250 L/MIN,	100				
<b>02-06-00497</b>	<b>EQUIPMENT : central telephone exchange</b> model: telecom SL-1 company / manufacturer : northern telecom site : saddam medical city required is to update existing system with new central PABX which  complete system components telephone sets TTY/PRINTERS attendant counsels set of 1-year consumables set of 5-year spare parts  set of tools and accessories factory and on sit training	100				
<b>02-06-00498</b>	<b>equipment : steam sterilizer complete</b> site : saddam medical city 200 it steam sterilizer , multi - purpose steam jacketed stainless as above bute 500 it  ro- water treatment station to suit tow of item 1 above and one of item 2 above  recommended 5- year spare parts training supervision on installation for above	100 100 100 100 lot				
<b>02-06-00499</b>	<b>PUMPS COMPLETE</b>					
	QTY	power Rev	suction	discharg	capacity 1/s	head
		KW sec	mm	mm		m
	100	30 48	100	75	16.5	80
	100	5.5 48	65	50	12.5	35

100	10	48	65	50	14	55
100	11	48	65	50	10	65
100	0.75	24	50	37	4	10
100	18.5	24	150	100	56.25	20
100	1.1	48	31.25	25	3.5	14
100	2.25	24	75	62.5	8.5	12
100	30	24	150	125	28.6	32.8
100	0.75	24	56	50	3.36	7.5
100	2.2	24	86	50	5.28	13.5
100	7.5	24	100	65	15	25.5
100	4	24	125	100	17.42	11
100	2	0.25	40	40	1.5	3
100	4	16	125	125	22.5	9.8
100	3	16	125	125	12.5	9.8
100	2.2	48	50	50	-	-
100	0.75	24	65	65	3.22	7
100	1.1	24	65	40	3	11
100	2.2	24	80	50	4	12
100	1.5	24	80	50	5	11
100	2.2	24	80	50	7	12
100	2.2	24	80	50	8	12
100	4	48	-	75	5	20
100	8	48	-	100	6	20
100	2	48	-	50	4.2	20

<b>02-06-00500</b>	<b>BATTERIES</b> Saddam Medical city Nickel cadmium battery block ,24vdc,280AH,shipped dry with As above but 110vdc,100ah,suitable for electrical switchgears	100 100
	<b>Kitchen equipment</b> saddam medical city	
<b>02-06-00501</b>	<b>Boiling pan,electric:</b> 100 Lt , s/s with water inlet , discharge faucet , LPG control safty	100
<b>02-06-00502</b>	<b>Boiling pan, steam :</b> As above but steam heated, controlled, with all accessories and	100
<b>02-06-00503</b>	<b>deep fryer electric</b> Double well with baskets, covers, all s/s , temperature control, floor electric operated , 380 V /50 hz /3ph, thermostatic control , timer , with all accessories and spare parts for one year operation.	100
<b>02-06-00504</b>	<b>Cooker, electric range :</b> With oven, 5 ft3, s/s body, burners, dim. Approx. 900*900*800, electric , thermostat control , (18 )kw total load , 4 hot plates With all accessories and spare parts for one year operation.	100
<b>02-06-00505</b>	<b>Meat mincer :</b> Heavy duty meat grinder, 1.5 Hp motor capacity, not less than	100
<b>02-06-00506</b>	<b>Meat saw :</b> Floor mounted, s/s table and parts, dim. Approx.900*600mm	100
<b>02-06-00507</b>	<b>Slicer :</b> Heavy-duty compact food Slicer, s/s and aluminum finish table	100
<b>02-06-00508</b>	<b>Grill, gaseous :</b> Approx. Dim. 800*500*450, with adjustable levels, floor mounted	100
<b>02-06-00509</b>	<b>Oven, gaseous :</b> Approx. dim. 1000*800*600 depth oven, glass door, adjustable	100
<b>02-06-00510</b>	<b>Oven, electric :</b> As above but electric powered, 15kw,380V/50Hz/3Ph.	100
<b>02-06-00511</b>	<b>Food cutter :</b> 14" bowl, food cutter, all s/s, adjustable speed, easy cleanable,	100
<b>02-06-00512</b>	<b>Food mixing machine :</b> Floor mounted, 1/3 Hp, 1-pH motor, adjustable speed, mixing bowl	100
<b>02-06-00513</b>	<b>Kettle electrical</b> 5-LT boiling kettle, controlled, all s/s with insulated handles and	100
<b>02-06-00514</b>	<b>Tea urn :</b> 20-LT electric tea urn, adjustable temp. with thermostat and	100

02-06-00515	<b>Potato peeler :</b> Floor mounted, 8-LT load, 1/2Hp motor, with all attachments, With	100																												
02-06-00516	<b>Hot cupboard :</b> 110*650*800 height, electric heated, 50-130 C, controlled, all s/s,	100																												
02-06-00517	<b>Ice cube machine :</b> Chest type with storage bin, 2kg/hr, ice making machine, all s/s,	100																												
02-06-00518	<b>Insect killer :</b> Hanging U.V. lamp, industrial insect killer with HV grid, collection	100																												
02-06-00519	<b>Sink and table :</b> Heavy gauge s/s, round edges back splash able double bowl	100																												
02-06-00520	<b>Preparation table :</b> Heavy gauge s/s, round edges table, mounted on s/s legs, with With all accessories and spare parts for 1- year operation.	100																												
02-06-00521	<b>Mobile sink :</b> Sink (1) meter s/s, on castors, 220 LT with drain valve. With all	100																												
02-06-00522	<b>Stainless steel shelving :</b> Heavy gauge shelving adjustable height of 4-shelves per unit	100																												
02-06-00523	<b>Convection oven :</b> Electric operated, (10)shelves of 500*650mm up to 180C, floor	100																												
02-06-00524	<b>Medium voltage switchgear</b> saddam Medical city																													
	<table border="1"> <thead> <tr> <th>Type</th> <th>Closing voltage</th> <th>Tripping voltage</th> <th></th> </tr> </thead> <tbody> <tr> <td>Air circuit breaker AH-40C</td> <td>220vac</td> <td>24vdc</td> <td>100</td> </tr> <tr> <td>Air circuit breaker AH-50C</td> <td>220vac</td> <td>24vdc</td> <td>100</td> </tr> <tr> <td>Air circuit breaker AH-40C</td> <td>220vac</td> <td>24vdc</td> <td>100</td> </tr> <tr> <td>Air circuit breaker AH-30C</td> <td>220vac</td> <td>220vdc</td> <td>100</td> </tr> <tr> <td>Air circuit breaker AH-30C</td> <td>220vac</td> <td>24vdc</td> <td>100</td> </tr> <tr> <td>Air circuit breaker AH-30C</td> <td>220vac</td> <td>24vdc</td> <td>100</td> </tr> </tbody> </table>	Type	Closing voltage	Tripping voltage		Air circuit breaker AH-40C	220vac	24vdc	100	Air circuit breaker AH-50C	220vac	24vdc	100	Air circuit breaker AH-40C	220vac	24vdc	100	Air circuit breaker AH-30C	220vac	220vdc	100	Air circuit breaker AH-30C	220vac	24vdc	100	Air circuit breaker AH-30C	220vac	24vdc	100	
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	The offer should include the following accessories: 1-tester type OCR ANH-1B, qty:1 2-tester type ANR-1 portable checker, qty:1 3-JWB-6 lifter loader (HB)AH50C/60C 3P, qty:1 4-JWB-O-H loader for AH50C, qty:1 5-JWB-O B34 loader for AH40C 4P, qty:2 6-JWB B33 loader, qty:2 7-JWB-O-M extension rail, qty:4 8-JWB-O-P extension rail, qty:1 Offer should include training of 2-engineer for 2-weeks. Offer should include original catalogues for operation and																													
	<b>Vehicles</b> saddam Medical city																													
02-06-00525	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 grips,	1000																												
02-06-00526	Passengers staff mini bus 20-30 persons ,and as above	500																												
02-06-00527	with rescue cage, with adjustable fire hose and jet,fully equipped for fire fighting ,rescue and maintenance tasks,non skid	500																												
02-06-00528	<b>Fire fighting water tank vehicle</b> of 13000 lt ,with pump 1000lt/min at 10bars,diesel engine with accessories	500																												
02-06-00529	<b>Mini excavator of 1 meter</b> width 30 liters bucket,less than 25hp 5-year spare parts,inspection before contracting ,training on repair and maintenance in the manufacturers workshops.for 2 engineers on above items	500 Lot																												
	<b>EQUIPMENT: SUB – STATION</b>  SADDAM MEDICAL CITY																													

02-06-00530	3500KVA, 50HZ, DRY TYPE, fitted in a ventilated enclosure with panels containing 3-horizontal draw out C.B(630AMP) system	100																																																																																																																																																																																				
02-06-00531	voltage 11KV, 3phase, 3wire, 50HZ with all necessary	100																																																																																																																																																																																				
02-06-00532	<b>MEDIUM VOLTAGE SWITCH BOARD</b> shall consist of following: qty:3-incoming feeder-	100																																																																																																																																																																																				
02-06-00533	<b>BUSWAYS 5000 AMP. RATING</b> totally enclosed water proof low impedance busways between	160meters																																																																																																																																																																																				
02-06-00534	<b>BUSWAYS, 1600 AMP. RATING.</b> AS ABOVE BUT BETWEEN MAIN SWITCH BOARD NAD the following conditions shall be provided for all above items	750 meters																																																																																																																																																																																				
02-06-00535	<b>PUMPS WITH MOTORS</b> 380 V/ 3PH/ 50HZ, TYPE SPLASH PROOF MOTOR SADDAM MEDICAL CITY																																																																																																																																																																																					
	<table border="1"> <thead> <tr> <th>MODEL</th> <th>KW</th> <th>HEAD (M)</th> <th>FLOW (L/S)</th> <th>RPM</th> <th></th> </tr> </thead> <tbody> <tr><td>12LN21</td><td>340</td><td>36</td><td>650</td><td>1440</td><td>100</td></tr> <tr><td>12LN17</td><td>265</td><td>52.5</td><td>335</td><td>1440</td><td>100</td></tr> <tr><td>12LN17</td><td>224</td><td>36</td><td>372</td><td>1440</td><td>100</td></tr> <tr><td>ERP80-400</td><td>150</td><td>140</td><td>30</td><td>2880</td><td>100</td></tr> <tr><td>12LA2</td><td>150</td><td>25.5</td><td>415</td><td>1440</td><td>100</td></tr> <tr><td>12LA2</td><td>90</td><td>30</td><td>300</td><td>1440</td><td>100</td></tr> <tr><td>10LA3</td><td>90</td><td>30</td><td>170</td><td>1440</td><td>100</td></tr> <tr><td>10LA3</td><td>90</td><td>43.3</td><td>142.3</td><td>1440</td><td>100</td></tr> <tr><td>65WP315</td><td>75</td><td>132.5</td><td>22.5</td><td>2880</td><td>100</td></tr> <tr><td>6L3</td><td>55</td><td>32</td><td>101.29</td><td>1440</td><td>100</td></tr> <tr><td>6L3</td><td>55</td><td>52.5</td><td>52.24</td><td>1440</td><td>100</td></tr> <tr><td>65WP315</td><td>55</td><td>103</td><td>22.5</td><td>2880</td><td>100</td></tr> <tr><td>ERP60-200</td><td>45</td><td>190</td><td>7.57</td><td>2880</td><td>100</td></tr> <tr><td>50wp315</td><td>37</td><td>103</td><td>10</td><td>2880</td><td>100</td></tr> <tr><td>65WP250</td><td>37</td><td>68.6</td><td>22.5</td><td>2880</td><td>100</td></tr> <tr><td>6L3</td><td>37</td><td>34</td><td>55.5</td><td>1440</td><td>100</td></tr> <tr><td>6L3</td><td>30</td><td>27</td><td>98.5</td><td>1440</td><td>100</td></tr> <tr><td>100WP200</td><td>30</td><td>37</td><td>43.1</td><td>2880</td><td>100</td></tr> <tr><td>80WP160</td><td>15</td><td>24</td><td>30</td><td>2880</td><td>100</td></tr> <tr><td>1 1/2 TM2</td><td>15</td><td>132.5</td><td>2.5</td><td>2880</td><td>100</td></tr> <tr><td>40WP200</td><td>11</td><td>45</td><td>7.57</td><td>2880</td><td>100</td></tr> <tr><td>40WP200</td><td>11</td><td>55</td><td>4.36</td><td>2880</td><td>100</td></tr> <tr><td>1 1/4 TM43</td><td>7.5</td><td>68.6</td><td>2.25</td><td>2880</td><td>100</td></tr> <tr><td>4L1</td><td>5.5</td><td>9</td><td>30.61</td><td>1440</td><td>100</td></tr> <tr><td>100WP200</td><td>4</td><td>11</td><td>17.42</td><td>1440</td><td>100</td></tr> <tr><td>1 1/4 TM22</td><td>4</td><td>83.3</td><td>1</td><td>2880</td><td>100</td></tr> <tr><td>3L1</td><td>3</td><td>8</td><td>15.86</td><td>1440</td><td>100</td></tr> <tr><td>3dv2</td><td>3</td><td>-</td><td>-</td><td>2880</td><td>100</td></tr> <tr><td>32wp160</td><td>1.5</td><td>14.6</td><td>2.25</td><td>2880</td><td>100</td></tr> </tbody> </table>	MODEL	KW	HEAD (M)	FLOW (L/S)	RPM		12LN21	340	36	650	1440	100	12LN17	265	52.5	335	1440	100	12LN17	224	36	372	1440	100	ERP80-400	150	140	30	2880	100	12LA2	150	25.5	415	1440	100	12LA2	90	30	300	1440	100	10LA3	90	30	170	1440	100	10LA3	90	43.3	142.3	1440	100	65WP315	75	132.5	22.5	2880	100	6L3	55	32	101.29	1440	100	6L3	55	52.5	52.24	1440	100	65WP315	55	103	22.5	2880	100	ERP60-200	45	190	7.57	2880	100	50wp315	37	103	10	2880	100	65WP250	37	68.6	22.5	2880	100	6L3	37	34	55.5	1440	100	6L3	30	27	98.5	1440	100	100WP200	30	37	43.1	2880	100	80WP160	15	24	30	2880	100	1 1/2 TM2	15	132.5	2.5	2880	100	40WP200	11	45	7.57	2880	100	40WP200	11	55	4.36	2880	100	1 1/4 TM43	7.5	68.6	2.25	2880	100	4L1	5.5	9	30.61	1440	100	100WP200	4	11	17.42	1440	100	1 1/4 TM22	4	83.3	1	2880	100	3L1	3	8	15.86	1440	100	3dv2	3	-	-	2880	100	32wp160	1.5	14.6	2.25	2880	100	
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02-06-00536	<b>equipment : air compressor</b> trolley units atlas copco tank capacity 20 liter model of comp. : LXF 06 motor : 1 ph, 50 hz, 220 v, 0.55 kw	100																																																																																																																																																																																				
02-06-00537	<b>equipment : electric distribution</b> C.B type SACE, 50HZ, 3PH, 660V, 1600A C.B type SACE, 50HZ, 3PH, 660V, 1250A C.B type SACE, 50HZ, 3PH, 660V, 630A with motor C.B type BBC 600, 50HZ, 1PH, (250-380)V, 32A C.B type BBC 600, 50HZ, 1PH, (250-380)V, 10A LIP-Air C.B 600V, 1600A MCCB, 3P, (380-400)V, H, 1600A MCCB, 3P, (380-400)V, H, 1250A	1000 1000 1000 1000 1000 1000 1000 1000																																																																																																																																																																																				

MCCB,3P,(380-400)V,H,1000A	1000							
MCCB,3P,(380-400)V,H,800A	1000							
MCCB,3P,(380-400)V,H,600A	1000							
MCCB,3P,(380-400)V,H,500A	1000							
MCCB,3P,(380-400)V,H,400A	1000							
MCCB,3P,(380-400)V,H,350A	1000							
MCCB,3P,(380-400)V,H,250A	1000							
MCCB,3P,(380-400)V,H,225A	1000							
MCCB,3P,(380-400)V,H,200A	1000							
MCCB,3P,(380-400)V,H,175A	1000							
MCCB,3P,(380-400)V,H150A	1000							
MCCB,3P,(380-400)V,H,125A	1000							
MCCB,3P,(380-400)V,H,100A	1000							
MCCB,3P,(380-400)V,H,80A	1000							
MCCB,3P,(380-400)V,H,75A	1000							
MCCB,3P,(380-400)V,H,63A	1000							
MCCB,3P,(380-400)V,H,50A	1000							
MCCB,3P,(380-400)V,H,30A	1000							
MCCB,3P,(380-400)V,H,20A	1000							
MCCB,3P,(380-400)V,H,15A	1000							
ELB-GR-50-2P 220V 30A	1000							
ELB-GR-50-2P 220V 20A	1000							
ELB-GR-50-2P 220V 15A	1000							
ELB-GR-50-2P 220V 150A	1000							
MCCB 1P 220V 15A	1000							
MCCB 4P (220-380)V 400A	1000							
MCCB 4P (220-380)V 225A	1000							
MCCB 4P (220-380)V 100A	1000							
MCCB 4P (220-380)V 50A	1000							
MCCB with aux.contact and alarm contact 380V 3P 5A	1000							
as above 30A	1000							
as above 15A	1000							
as above bot 220V 2P 150A	1000							
free fuse C.B 380V wall mounted 1000A	1000							
complete star-Delta control for motor 7.5HP with air compressor	1000							
complete star-Delta motor control 100KW	1000							
complete star-Delta motor control 50KW	1000							
complete star-Delta motor control 40KW	1000							
complete star-Delta motor control 20KW	1000							
complete direct on line single stage motor starting	1000							
MCCB single phase-50A	1000							
MCCB single phase-30A	1000							
MCCB single phase-10A	1000							
H-VAC-vacum C.B HT 12KV 600A	1000							
main switch 220V 30A	1000							
main switch 380V 60A	1000							
main switch 220V 100A	1000							
main switch 220V 150A	1000							
<b>02-06-00538 magnifier</b>	100							
<b>02-06-00539 iron (fordrying the negatives</b> photo graphy	100							
<b>02-06-00540 tanks for film development</b>	100							
<b>02-06-00541 pumps</b>								
type	KW	Q m <sup>3</sup> /hr	H / m	r.p.m	dic cm	suctio n cm	Qty	
condenser pump /	11	102	22.5	1430	18cm	11cm	100	
chiller pump / horizntal	14	81.7	33	1430	18cm	11cm	100	
sanitary pump for 30m	11	100	30	1435	120cm	8cm	100	
<b>02-06-00542 Boiler</b>	100							
sapcabloc press 3G								
N-307447 / type 418m / 220-380V / 50HZ / 2-3KVA /								
<b>02-06-00543 inter com system withall accissorice</b>	100							
<b>02-06-00544 Wall clock with seconds indicator</b>	100							
<b>02-06-00545 taelephone-intercom</b>	100							
<b>02-06-00546 Air compressor</b>	100							
compressor with tank								

	<p>400L/M - 7Kg/cm<sup>2</sup>  3.7KW 3Q 380V  air tank capacity :-129 liter  one work other stand by - alternative working  ins tallation for system  spare part for 5 years  training for staff  catalog for mainterance and operation and installation</p>	
<b>02-06-00547</b>	<p><b>Medical oxygen units</b>  1-compressor  2-air seperation unit + msun  3-stirling cryogenerator  4-500 liter storage vessel with level control  5-super charger with clyinder filling machine up to 150PSI  6-fully automatic start and stop  7-at least 10/minute start up  8-lowest energy consumption  9-low noise level  10-automatic restart after power failar  11-cooling systemwater (cooling tower) with softner or by chiller  12-warking machine at ambient tempretuer (50-65)c  13-impurity at least 99.5% medical use  14-produces at least (50liter lequid to70)/hour.</p>	100
<b>02-06-00548</b>	<p><b>condensor water pump</b>  400V 1500r.P.m 3Q 6"X6"</p>	100
<b>02-06-00549</b>	<p><b>Mini bus</b>  passanger shaft mini bus 10-20 person  gasolen engine air conditioning and heating  power steern manual gear with floor shift</p> <p>two doors  on the  front,one  in each  side with  middle  door in  the right  sid</p> <p>all around  window  ,each side  window is  double  and  slading  two view mirror in eacg side and one internal  radio and cassete recorder  all execary should be heavy duty  spare part for tow years</p>	5000
<b>02-06-00550</b>	<p><b>Motor cycle</b>  Petrol Engine  Suitable size  Capacity of carrying:- Two persons.  Equipped with full accessories  Warranty &amp; Maintenance for 2 years  Lest of spare part for 2 years  Training for 3 technicians</p>	5000
<b>02-06-00551</b>	<p><b>Motor cycle with side vehicle</b>  Petrol Engine  Suitable size  Capacity of carrying:- Three persons.  Equipped with full accessories  Warranty &amp; Maintenance for 2 years  Lest of spare part for 2 years</p>	5000

	Training for 3 technicians																																							
02-06-00552	<b>Eleveters</b> 1-technical opecifications a-full electronic control sistem for operation and level selection b-type of control 3V -3F,elevater continioys speed : (0.5-2.5) M/sec c-door opnning : automatic and swing according to the site d-emergency power supply (ups) providing necessry electric e-ambient tempreture 0-50C and 90% hum f-the system contain data terminal (pc-bored)for operation g-the system contain (4)four stopping stages at final up and final h-the carrieg modle from stainless-steel with smooth 2-installation equipments on sites with all accesseries. 3-one year warranty and two years maintenance after period of 4-fraining on factoru for 6-technical staff x 3weeks and local traing 5-spare parts for 5 years 6-quantities as per schedule.																																							
	<table border="1"> <thead> <tr> <th>type</th> <th>180 kg</th> <th>500 kg</th> <th>750 kg</th> <th>1000 kg</th> <th>1200 kg</th> <th>1600 kg</th> <th>2000 kg</th> </tr> </thead> <tbody> <tr> <td>passenger</td> <td>200</td> <td>200</td> <td>200</td> <td>200</td> <td>200</td> <td>200</td> <td>200</td> </tr> <tr> <td>bed lift</td> <td>200</td> <td>200</td> <td>200</td> <td>200</td> <td>200</td> <td>200</td> <td>200</td> </tr> <tr> <td>service</td> <td>200</td> <td>200</td> <td>200</td> <td>200</td> <td>200</td> <td>200</td> <td>200 hydroliic</td> </tr> </tbody> </table>	type	180 kg	500 kg	750 kg	1000 kg	1200 kg	1600 kg	2000 kg	passenger	200	200	200	200	200	200	200	bed lift	200	200	200	200	200	200	200	service	200	200	200	200	200	200	200 hydroliic							
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02-06-00553	<b>Medical oxygen plant</b> _ complet liquid oxygen production plant capacity: 75LIT.liquid/hour purity :not less than 99.5% (including an electrical analyzer on line) <b>air compressor type</b> _ oil free _ reciprocating _ suction temp. (50-60)c _ low pressure <b>storage and filling station</b> _ one liquid storage tank (capacity:10000lits) _ complete common cylinder filling plant with dual charging including the following (for each plant) _ 2sets of instruction manuals operation and maintenanece _ 2sets of spare parts catalogues _ 2set of special tools <b>spare parts</b> spare parts for five years operation as recommened by the <b>guarantee</b> 12 months from the date of start up <b>training</b> tringing of two technicians during four weeks at the factory				500																																			
02-06-00554	<b>POWER SUPPLY</b>																																							
	<b>U.P.S</b>																																							
	steady 220Vout put voltage, with NICD or sealed acid baheries,																																							
	1KVA					500																																		
	2 KVA					500																																		
	3 KVA					500																																		
5 KVA					500																																			
10 KVA					500																																			
60KVA					500																																			
02-06-00555	<b>air conditioning system for operating theaters each system chiller 25 ton</b> 1 - TWO NO. air cooled chiller with cooling capacity (25)ton one working one stand by _ ambient temp 55C _ rom temp 20 - 25C _ relative humidity 45 - 60 % r.h _condensing pipes type anty corrosion against sulfied gasos 2--two no. of air handling unit with suitable capacity (one working a- two speed , with electrical dampers b- exhaust fan each A.H.U.(100% fresh air) (tow speed) with c-suitable electric heater for heating (ineach A.H.U) d-primery secondrey filters and absolute filter (99.998%)				500																																			

<p>e-humidity systemf- A.H.U vertical  g- suitable static prssre for opearting theaters  3-two no. of chilled waater pumps(one working and one stand by)  4- pleanuim box for each operating room  5- electriical board to supply power for chillers (A.H.U) PUMPS  6- electrical board to controll the operation for chillers, (A.H.U),  7-supply and instullation all the equipments above  8-supply and instullation the pre - instullation accessories  a- chilled water pipes  b-electrical cables between the chillers and (A.H.U) pumps  c- all mechanical fitting (flow switch , air vent , three way  9-supply and instullation ducting from (A.H.U)to the operating  10-main power sorce supplied the costumers and also the civle</p>	
<p><b>chiller 20 ton</b>  1- two no.air cooled chiller with cooling capacity (20)ton  one working one stand by  _ambient temp. 55C  _room temp. 20 - 25 C  _ relative humidity 45 - 60 %  _condensing pipes type anty corrosion against sulfied gases  2- two no. air handling unit with suitable capacity (one working and  with the following specifications  a-two speed , with electrical dampers  b- exhaust fan for each A.H.U.(100% fresh air) (tow speed) with  c-suitable electric heater for heating (ineach A.H.U)  d-primery secondrey filters and absolute filter (99.998%)  E-HUMIDity system  f--A.H.U vertical type , double skin type  g-suitable static , pressure for operating theaters  3- two no.of chilled water pumps one working and stand by  4-pleanuim box for each operating room  5-electrical board to supply power for chillers , A.H.U pumps  6-electrical board to controll the operating for chillers , A .H.U  7-supply and instullation all the equipments above  8-supply and instullation the pre - instullation accessories  a-chilled water pipies  b- electrical cables between the chilled and A.H.U , pumps  c- all mechanical fitting (flow switch air vent , three way valve  9-supply and instullation ducting form A.H.U , to the operating  10-main power sorce to supplied by the costumers and also the</p>	500
<p><b>chiller 30 ton</b>  1-- tow no. air cooled chiller with cooling capacity (30)ton  one working one stand by  _ambient temp. 55C  _room temp. 20 - 25 C  _ relative humidity 45 - 60 % r.h  _condensing pipes type anty corrosion against sulfied gases  2- two no. air handling unit with suitable capacity (one working and  with the following specifications  a-two speed , with electrical dampers  b- exhaust fan each A.H.U.(100% fresh air) (tow speed) with  c-suitable electric heater for heating (ineach A.H.U)  d-primery secondrey filters and absolute filter (99.998%)  E-HUMIDity system  f--A.H.U vertical type , double skin type  g-suitable static , pressure for operating theaters  3- two no.of chilled water pumps one working and stand by  4-pleanuim box for each operating room  5-electrical board to supply power for chillers , A.H.U pumps  6-electrical board to controll the operating for chillers , A .H.U  7-supply and instullation all the equipments above  8-supply and instullation the pre - instullation accessories  a-chilled water pipies  b- electrical cables between the chillerand A.H.U , pumps  c- all mechanical fitting (flow switch air vent , three way valve  9-supply and instullation ducting form A.H.U , to the operating  10-main power sorce to supplied by the costumers and also the</p>	500



<p><b>chiller 40 ton</b></p> <p>1-- two no. air cooled chiller with cooling capacity (40)ton  one working one stand by  _ambient temp. 55C  _room temp. 20 - 25 C  _relative humidity 45 - 60 % r.h  _condensing pipes type anty corrosion against sulfied gases</p> <p>2- two no. air handling unit with suitable capacity (one working and with the following specifications  a-two speed , with electrical dampers  b- exhaust fan each A.H.U.(100% fresh air) (tow speed) with  c-suitable electric heater for heating (ineach A.H.U)  d-primery secondrey filters and absolute filter (99.998%)  E-HUMIDity system  f--A.H.U vertical type , double skin type  g-suitable static , pressure for operating theaters</p> <p>3- two no.of chilled water pumps one working and stand by  4-pleanuim box for each operating room  5-electrical board to supply power for chillers , A.H.U pumps  6-electrical board to controll the operating for chillers , A .H.U  7-supply and instullation all the equipments above  8-supply and instullation the pre - instullation accessories  a-chilled water pipies  b- electrical cables between the chilled and A.H.U , pumps  c- all mechanical fitting (flow switch air vent , three way valve  9-supply and instullation ducting form A.H.U , to the operating  10-main power sorce to supplied by the costumers and also the</p>	500
<p><b>chiller 15 ton</b></p> <p>1- two no. air cooling chilled with cooling capacity (15)ton  one working one stand by  _ambient temp. 55C  _room temp. 20 - 25 C  _relative humidity 45 - 60 %r.h  _condensing pipes type anty corrosion against sulfied gases</p> <p>2- two no. air handling unit with suitable capacity (one working and with the following specifications  a-two speed , with electrical dampers  b- exhaust fan each A.H.U.(100% fresh air) (tow speed) with  c-suitable electric heater for heating (ineach A.H.U)  d-primery secondrey filters and absolute filter (99.998%)  E-HUMIDity system  f--A.H.U vertical type , double skin type  g-suitable static , pressure for operating theaters</p> <p>3- two no.of chilled water pumps one working and stand by  4-pleanuim box for each operating room  5-electrical board to supply power for chillers , A.H.U pumps  6-electrical board to controll the operating for chillers , A .H.US  7-supply and instullation all the equipments above  8-supply and instullation the pre - instullation accessories  a-chilled water pipes  b- electrical cables between the chilled and A.H.U , pumps  c- all mechanical fitting (flow switch air vent , three way valve  9-supply and instullation ducting form A.H.U , to the operating  10-main power sorce to supplied by the costumers and also the</p>	500
<p><b>chiller 75 ton</b></p> <p>1-air cooled chiller wirh cooling capacity (75 ton ) , one working  _ambient temp. 55C  _rom temp. 20-25C  _relative humidity 45 - 60 % r.h  _condensing pipes type anty corrosion against sulfied gases</p> <p>2- 4 no. air handling uint with suitable capacity (two working and  a- two speed , with electrical dampers  b-exhaust tan for each A.H.U , (100% fresh air) two speed  c-suitable electrical heater for heating (in each A.H.U)  D- PRIMERY , SECONDRY FILTERS AND ABSOLUTE FILTERS  E-HUMIDity system  H-A.H.U vertical type , double skin type</p>	500

	<p>g- suitable static pressure for operating theaters  3-3no. Of chilled water pumps (two working and one stand by)  4-pleauim box for each operating room  5-electrical board to supply power for chillers , A.H.U pumps  6-electrical board to controll the operating for chillers , A .H.U  7-supply and instullation all the equipments above  8-supply and instullation the pre - instullation accessories  a-chilled water pipes  b-electrical cables , between the chiller and A.H.U pumps  c-all mechanical fittings (flow switch , air vent , three way valve ,  9-supply and instullation ducting form A.H.U , to the operating  10- mair power sorce supplied by the cosyumers and also civre</p>	
	<p><b>chiller 50 ton</b>  1-two no. air cooled chiller with cooling capacity (50)ton one  _ ambient temp. 55C  _ rom temp. 20-25C  _ relative humidity 45 - 60 % r.h  _ condensing pipes type anty corrosion against sulfied gases  2-two no. air handling units with suitable cooling capacity (one  a- two speed , with electrical dampers  b-exhaust tan for each A.H.U , (100% fresh air) two speed with  c-suitable electric heater for heating (in each A.H.U)  D- PRIMERY , SECONDRY FILTERS AND ABSOLUTE FILTERS  E-HUMIDity system  f--A.H.U vertical type , double skin type  g-suitable static , pressure for operating suitable theaters  3-two no. of chilled water pumps one working and one stand by  4-pleanuim box for each operating room  5-electrical board to supply power for chillers , A.H.U pumps  6-electrical board to controll the operation for chillers , A .H.U  7-supply and instullation all the equipments above  8-supply and instullation the pre - instullation accessories  a-chilled water pipes  b-electrical cables , between the chiller and A.H.U pumps  e-all mechanical fitting flow switch air vent three way valu pressure  9-supply and instullation ducting form A.H.U , to the operating  10-main power sorce to supplied by the costumers and also the</p>	500
	<p><b>chiller 10 ton</b>  1- two no. air cooled chiller with cooling capacity (10)ton one  4.no. ofth quality above  type :- instulled inside operating theaters  _ ambient temp. 55C  _ rom temp. 20-25C  _ relative humidity 45 - 60 % r.h  _ condensing pipes type anty corrosion against sulfied gases  2-two no. air handling units with suitable cooling capacity (one  a- two speed , with electrical dampers  b-exhaust tan for each A.H.U , (100% fresh air) two speed with  c-suitable electric heater for heting (in each A.H.U)  D- PRIMERY , SECONDRY FILTERS AND ABSOLUTE FILTERS  E-HUMIDity system  f--A.H.U vertical type , double skin type  g-suitable static , pressure for operating heaters  3-two no. of chilled water pumps one working and one stand by  4-pleanuim box for each operating room  5-electrical board to supply power for chillers , A.H.U pumps  6-electrical board to controll the operation for chillers , A .H.U  7-supply and instullation all the equipments above  8-supply and instullation the pre - instullation accessories  a-chilled water pipes  b-electrical cables , between the chiller and A.H.U pumps  e-all mechanical fitting flow switch air vent three way valu pressure  9-supply and instullation ducting form A.H.U , to the operating  10-main power sorce to supplied by the costumers and also the  present for all equipemnt above  _ training for (5) enjeneers and (5) technicians  _ warranty (labor + work)</p>	500

	_spare parts for five years	
<b>02-06-00556</b>	<b>digital ISDN net work</b> * the system consist of following no. central station (exchange) 500 * the communication way between the control station and the * the system able to be connected with fier alarm system and * istallation including all necessary accissories * warrenty one year from operation time maintenance tow years after period of warrenty * spare parts for 3 years * traning on factory of equipment and local training during	500
<b>02-06-00557</b>	<b>specification of fire fighting system (automatic - sprinkler</b> design manfactre diliver and installation of an automatic roop site specification :- 1- effective warehouse area 8000 m2 , height 10m 2- effective warehouse area 12500m2 , height 6m 3- effective warehouse area 2000 m2 , height 4.5m 4- effective warehouse area 2500 m2 , height 11m 5- effective warehouse area 10000 m2 , height 5m 6- effective warehouse area 25000 m2 , height 14m 7- effective warehouse area 20000 m2 , height 8m the equipment requirement a- all necessary pipe work fitting hanger and sprinkler heads b- all necessary installation controlling valve and ander ground main to c- pump house complete with pipe work including valves and fittings d- three automatic fire pumps two electrical and one diesel driven each rated e- one culindrical galvanised steel water storge tank with an effective capacity f- an electrically operated and pully automatic jockey pump g- complete electrical control boards h- eight pir exitination and fir caben with hose l- spare parts for 3 years j- warrnnty one year ( label + material) and two year mantinance k- training of factory of equipment for 3 technicians	
<b>02-06-00558</b>	<b>transformer</b> 1000 kva , 11 kv/380 v , 2500a, delta /star , 50 hz , oil cooling 2000 kva , 11 kv/380 v , 2500a, delta /star , 50 hz , oil cooling 630 kva , 11 kv /400v-240v, delta/star, 50 hz ,oil cooling 360 kva , 11kv / 400-240v, delta/star ,50hz , oil cooling	100 100 100 100

**pumps**

	pump use	head m	q l/min	size	kw	volt	type	no
<b>02-06-00559</b>	fire pump /fp1	90	750	100	22	380	centrifugal pump	200
<b>02-06-00560</b>	lift pump /lp1	50	1400	125	22	380	centrifugal singal suction	200
<b>02-06-00561</b>	lift pump /lp2	25	750	50	5.5	380	singal suction volut pump	200
<b>02-06-00562</b>	chilled water pump p-2	20	6150	20x150	30	380	centrifugal pump	200
<b>02-06-00563</b>	chiller water /p-3	38	2320	125x100	30	380	centrifugal pump	200
<b>02-06-00564</b>	chiller water /p-4	38	4980	200x150	45	380	centrifugal pump	200
<b>02-06-00565</b>	chiller water /p-5	47	4520	150x125	55	380	centrifugal pump	200

02-06-00566	condenser water pump p-1	20	7580	200x150	37	380	centrifugal pump	200
02-06-00567	softener pump p-11	25	160	40	2.2	380	in line pump	200
02-06-00568	lift pump p-12	55	100	40	3.7	380	single suction	200
02-06-00569	make up water pump p-13	15	180	40 p2	1.5	380	centrifugal pump	200
02-06-00570	condenser water pump p-14	15	70	65x40	1.5	380	centrifugal pump	200
02-06-00571	circulation hot water pump p-6	10	1410	100x50	3.7	380	centrifugal pump	200
02-06-00572	circulation hot water pump p-7	37	480	65x4	5.5	380	multi stage centrifugal	200
02-06-00573	circulation hot water pump p8	36	1250	125x2	15	380	multi stage centrifugal	200
02-06-00574	circulation hot water pump p-9	45	1100	100x3	15	380	multi stage centrifugal	200
02-06-00575	1-give complete catalog for the pump 2- 5 years spare part 3-training for the staff 4-grante for one year operation 5-installation for one site. 6-the meal of the pump must be suitable to have long lifte with the type of							
	<b>softener pump</b>							
	<b>kw</b>	<b>r.p.m</b>	<b>Q L/S</b>	<b>Hm</b>	<b>QTY</b>			
	2.2	1500	5.5	15	100			
	5.5	1500	20	25	100			
02-06-00576	<b>water pump for tower</b>							
	<b>kw</b>	<b>r.p.m</b>	<b>Q L/S</b>	<b>Hm</b>	<b>QTY</b>			
	2.2	1500	7.5	12	500			
	7.5	1500	16	27	500			
	15	1500	33	25	500			
	37	1500	108	23	500			
	22	1500	75	20	500			
02-06-00577	<b>boiler feeding pump</b>							
	<b>kw</b>	<b>r.p.m</b>	<b>Q L/S</b>	<b>Hm</b>	<b>QTY</b>			
	5.5	3000	16.6	80	500			
	4.5	3000	6	13	500			
02-06-00578	<b>chemical dosing pump/ with 500 litter tank and mixer variable</b>							
	<b>kw</b>	<b>r.p.m</b>	<b>Q L/S</b>	<b>Hm</b>	<b>QTY</b>			
	0.3	1500	5	60	500			
02-06-00579	<b>horizontal pump</b>							
	<b>kw</b>	<b>r.p.m</b>	<b>Q L/S</b>	<b>Hm</b>	<b>QTY</b>			
	1.1	1500	2	15	500			

	5.5	3000	15	60	500
<b>02-06-00580</b>	<b>vertical pump</b>				
	<b>kw</b>	<b>r.p.m</b>	<b>Q L/S</b>	<b>Hm</b>	<b>QTY</b>
	2.2	3000	7	50	500
	4	3000	3	85	500
<b>02-06-00581</b>	<b>circulation pump</b>				
	<b>kw</b>	<b>r.p.m</b>	<b>Q L/S</b>	<b>Hm</b>	<b>QTY</b>
	2.2	1500	5.5	25	500
	5	3000	3	8m (hot water)	500
<b>02-06-00582</b>	<b>submersible pump</b>				
	<b>kw</b>	<b>r.p.m</b>	<b>Q L/S</b>	<b>Hm</b>	<b>QTY</b>
	3	3000	3.5	15	500
	7.5	1500	20	15	500
	22.5	3000	125	13	500
<b>02-06-00583</b>	<b>fire pump</b>				
	<b>kw</b>	<b>r.p.m</b>	<b>Q L/S</b>	<b>Hm</b>	<b>QTY</b>
	0.75	3000	1.5	60	500
	5.5	1500	21	35	500
	37	3000	33	66	500
<b>02-06-00584</b>	<b>water pump for heating</b>				
	<b>kw</b>	<b>r.p.m</b>	<b>Q L/S</b>	<b>Hm</b>	<b>QTY</b>
	2.2	1500	12	21	500
	5.5	1500	10	25	500
	7.5	1500	82	15	500
	11	1500	28	22	500
	15	1500	18	45	500
	18.5	1500	36	33	500
	<b>ware house requierment</b>				
<b>02-06-00585</b>	<b>folding end trolleys capacity 150 kg</b>				500
<b>02-06-00586</b>	<b>manual and electricric stackers capacity 250 kg</b>				500
<b>02-06-00587</b>	<b>folding work shop caranes capacity 1000 kg at 1 m</b>				500
<b>02-06-00588</b>	<b>cylinder trolly capacity 200 kg</b>				500
<b>02-06-00589</b>	<b>sterilizing water for theter room ultraviolet water purifiers</b>				1000
	<p>Water sterilizing system to treat water for theater rooms. The</p> <ul style="list-style-type: none"> <li>_ Installation of the system,</li> <li>_ 2 years full warranty,</li> <li>_ 3 years maintenance post warranty period,</li> <li>_ training of professionals at the manufacturer factory (ies), and</li> <li>_ Local training of staff.</li> </ul> <p>The offer should include a detailed priced list of recommended</p> <p>An irrecoverable complete sample system should be delivered</p> <p>The system should be composed of the following units;</p> <p>A. A pretreatment filtration unit of (2-3) stages with the final stage</p> <p>B. Compact water softener (50% OF Qty).</p> <p>C. UV sterilization unit with adequate power to insure efficient</p> <ul style="list-style-type: none"> <li>_ be of stainless steal,</li> <li>_ have quick lamp change,</li> <li>_ have lamp life not less than 8000-10000 hours of continuous</li> <li>_ Have UV intensity sensor and control unit with indicator light.</li> </ul>				
<b>02-06-00590</b>	<b>VEHICLE PICK-UP DOUBLE CABIN</b>				2500
	<ol style="list-style-type: none"> <li>1. PETROL ENGINE WATER COOLED</li> <li>2. MANUAL GEAR BOX, FLOOR SHIFT</li> <li>3. STEERING POWER STEERING LEFT HAND DRIVE</li> <li>4.ELECTRICAL EQUIPMENT'S: BATTERY 12V-60AMP HEAVY</li> <li>5.AIR-CONDITIONING FOR DRIVER CABIN (HEATING AND</li> <li>6. SUSPENSION: HEAVY DUTY</li> <li>7. TIRES WITH TUBES: SUITABLE FOR DIFFERENT ROADS</li> <li>8. CABIN: SINGLE CABIN WITH DOOR IN EACH SIDE.</li> <li>9. MIRRORS: TO BE EQUIPPED WITH TWO SIDES MIRRORS</li> <li>10.ACCESSARIES: TO BE EQUIPPED WITH JACK + WHEEL</li> <li>11.LOADING CAPACITY: FROM (1-2)TONS</li> </ol>				

	12.ALL MATERIALS INSERTED IN THE CONSTRUCTION OF 13.MAINTENANCE FOR ALL VEHICLES FOR TWO YEARS ON	
02-06-00591	<b>digital camera</b>	100
02-06-00592	<b>data show</b>	100
02-06-00593	<b>MCR FUMIGATOR</b> empty wieght 7KG diamination :- 35x32x36 cm tention 220V power 100watt capacty:- 1 liter (formaldhad)	100
02-06-00594	<b>air handlig unit</b> capaseity = 10 - 15 ton RPM = 1500 - 3000 HP = 7 1flew rete = 30m <sup>3</sup> /hr No. of Row 3 heating =hot watr type of filter = Mesh type (G.S) sheet washable Volt = 380V / 3pH / 50HZ	100
02-06-00595	<b>air handlinunit</b> capacity = 80ton heating hot watir no. of row = 3 HP=25 R.P.M =1500 - 3000 type of filter = Mesh type (G.S) sheet- washable Volt = 380V / 3pH / 50HZ	100
02-06-00596	<b>air handlinunit</b> capacity = 30ton heating =hot watr flow rett=23000M <sup>3</sup> /hr No. of Row 3 HP = 15 RPM = 1500 - 3000 Volt = 380V / 3pH / 50HZ type of filter = Mesh type (G.S) sheet- washable	100
02-06-00597	capacity = 20ton HP = 7.5 heating =hot watr No. of Row 3 R.P.M =1500 - 3000 type of filter = Mesh type (G.S) sheet- Volt = 380V / 3pH / 50HZ	100

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$\bar{j}/kw$
Kw
46
37
13.6
22.8
8.9
22.6
8.9





































































































