

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00001	Equipment: Electric submersible darning sewage pump water cooled motor Capacity M3/MIN: 0.15-0.1 Head M: 0.365015-0.4 Speed R.P.M: 3000 Power KW: 1.5 Volt: 220 or 380V 50 HZ	150	
02-06-00002	Electric submersible darning sewage pump water cooled motor Capacity M3/MIN: 1 Head M: 10 Speed R.P.M: 3000 Power KW: 3.7 Volt: 220 or 380V 50 HZ	200	
02-06-00003	Electric submersible darning sewage pump water cooled motor Capacity M3/MIN: 0.5 Head M: 15 Speed R.P.M: 3000 Power KW: 3.7 Volt: 220 or 380V 50 HZ	140	
02-06-00004	Electric submersible darning sewage pump water cooled motor Capacity M3/MIN: 1 Head M: 22 Speed R.P.M: 3000 Power KW: 7.5 Volt: 220 or 380V 50 HZ	200	
02-06-00005	Equipment: Package unit 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	300	
02-06-00006	Equipment: Air Cooled Chiller 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	100	

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CODE	DESCRIPTION	QTY	UNIT
02-06-00007	Equipment: Air Cooled Chiller 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 R-12 380 V 50 HZ	120	
02-06-00008	Equipment: Window type air-condition with heater Cap : 2 Ton 24000 BTU GSA R-22 220 V 50 HZ , 3PH	15,000	
02-06-00009	Equipment: Window type air-condition with heater Cap : 2 Ton 24000 BTU GSA R-22 220 V 50 HZ , 3PH	2,000	
02-06-00010	Tires 600x14 High Quality	4,000	
02-06-00011	Tires 650x14 High Quality	5,000	
02-06-00012	Tires 700x15 High Quality	6,000	
02-06-00013	Tires 750x16 High Quality	5,000	
02-06-00014	Tires 205x16 High Quality	6,000	
02-06-00015	Tires 650x16 High Quality	2,000	
02-06-00016	Tires 1200x20 High Quality	4,000	
02-06-00017	Tires 1100x20 High Quality	4,000	
02-06-00018	Tires 1200x24 High Quality	1,200	
02-06-00019	Tires 1000x20 High Quality	800	
02-06-00020	Acid batteries 45Amp x12V High Quality	150	
02-06-00021	Acid batteries 60x12 High Quality	1,800	
02-06-00022	Acid batteries 75x12 High Quality	300	
02-06-00023	Acid batteries 90x12 High Quality	800	
02-06-00024	Acid batteries 110x12 High Quality	300	
02-06-00025	Acid batteries 130x12 High Quality	1,000	
02-06-00026	Acid batteries 180x12 High Quality	800	

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02-06-00027	<p>Equipment : Blood bank refrigerator</p> <p>1- internal temp. ranging from +2 C to +8 C at the following ambient conditions :</p> <p>Summer : DBT 50 C            WBT25C</p> <p>Winter : DBT 1 C            WBT _3 C</p> <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>	600	
02-06-00028	<p>Equipment: Window type air-condition with heater</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>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>	50	
02-06-00029	<p>Equipment:- cooling tower</p> <p>Capacity :150 ton</p>	15	
	Capacity : 200 ton	30	
	Capacity : 100 ton	25	
	Capacity : 50 ton	10	

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	<p>Water temp. 38/ 30 Cú            Complete cooling tower must be separate motor for each blower and will work in high Humidity wetter 60 % Humidity and total hardness is for water 500ppm            Recommended spare for 5 years.Include complete motor            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>		
02-06-00030	<p>Equipment: Corps refrigerator            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.            WBT 25 deg.C            Winter: DBT 1 deg.C            WBT -3 deg.C            Internal volume of the store: 3x4x3 M3            Required quantity: freezing stores            A) Construction :1- Freezers shall be shipped in knock- down sections easy to re- erect            2- Cabinet interior shall be made of heavy corrosion proof aluminum, floor made of heavy gauge anti- slip aluminum            3- Cabinet exterior shall be made of aluminum, coated with a white weather proof coating to make it suitable for out- door installation            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            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</p>	300	

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	<p>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</p> <p>7- External dial thermometer must be provided</p> <p>8- Audio and visual alarm for high temperature must be fitted</p> <p>9- Sufficient internal lighting automatically switches on when door opens</p> <p>10- Air curtain by the door operates automatically when door opens</p> <p>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</p> <p>B) REFRIGERATION SYSTEM</p> <p>Two independent refrigeration systems shall be installed, each being capable to maintain the required internal temperature at the specified ambient conditions</p>		

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	<p>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.</p> <p>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.</p> <p>C). ELECTRICAL SYSTEM        System shall operate from single - phase, 220V, 50 HZ supply or from three- phase, 4 wire, 380V.</p> <p>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 &amp; F Baghdad and the spares shall be shipped with the cold stores. Among other things</p>		

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CODE	DESCRIPTION	QTY	UNIT
	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 22- alarm horn 23- micro switch & spare for air curtain 24- operating switches		

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	<p>E). TESTING AND GUARANTEE            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            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            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>            Load calculations &amp; photos of freezing stores shall be sent with the offer</p>		
02-06-00031	Equipment : TRANSFORMER 220 V - 97 V		



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CODE	DESCRIPTION	QTY	UNIT
02-06-00032	<p>Equipment : Vegetable and fruit cold stor</p> <p>Noose 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) construct ion :</p> <p>1- cold stores shall be shipped in knock - down sections 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-In sultan shall be sufficient to maintain the specified internal temperature in the specified ambient condition but shall be not less than 10 cm of polyurethane</p> <p>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. Apish-button shall be fitted inside to sound an alarm in case of person is trapped</p>	300	

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	<p>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</p> <p>7- external dial thermometer must be provided</p> <p>8- Audio &amp; visual alarm for high temperature must be fitted</p> <p>9- Sufficient internal lighting automatically switches on when door opens</p> <p>10- air curtain by the door operates automatically when door opens</p> <p>11- Shelves shall be made of strong galvanized steel positioned on all sides shelves shall be grid type.</p> <p>B) .REFRIGERATION SYSTEM</p> <p>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 &amp; faults of the system shall be shown on the control panel.</p>		
	<p>Capacity &amp; type of compressor used shall be mentioned in the offer . the entire system shall utilize heavy duty refrigeration copper tubing , no aluminium 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</p> <p>C) Electrical system</p> <p>System shall operate from single - phase , 220V, 50 HZ, supply or from 3 pH , 4 wire , 380 V</p>		

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	<p>D) Spar parts</p> <p>An itemized and priced spar parts list sufficient for five years repair &amp; maintenance of the equipment shall be submitted with the offer . the price shall be C&amp;F Baghdad and the spares shall be shipped with the cold stores . among other things , the list shall including the following items.</p> <p>No. Description</p> <p>1- compressor</p> <p>2- Evaporator motor fan</p> <p>3- Blades for evaporator fan</p> <p>4- condenser motor fan</p> <p>5- Blades for condenser fan</p> <p>6- Thermometer</p> <p>7- Thermostat &amp; alarm thermostat</p> <p>8- High-low pressure cut out</p> <p>9- Oil pressure cut out</p> <p>10- Door gasket with heater</p> <p>11- Contactor for compressor</p> <p>12- Relays &amp; electrical switches &amp; klaxon</p> <p>13- Defrost heaters</p> <p>14- Over load</p> <p>15- expansion valve</p> <p>16- filter drier</p> <p>17- fuses</p> <p>18- solenoid valve</p>		

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	<p>19- alarm horn            20- micro switch &amp; spare for air curtain            21- operating switches            22- alarm horn            23- micro switch &amp; spare for air curtain            24- operating switches            E) TESTING &amp; 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 &amp; out standing technical problems shall be discussed &amp; settled in the firm prior to the shipment of the equipment &amp; in the presence of our engineer , tender shall pay for the return air tickets of our engineer &amp; 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.</p>		
	<p>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&gt;            Notes:-            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>		

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02-06-00033	Equipment : computer 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 discettes 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	7,000	
	Printers : - DOT matrix : EPSON LQ 2170 arabic - LaserJet : HP- 6L - Inkjet (cooler) : HP-DESKJET 1120C		
02-06-00034	Equipment : Softeners 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 mountenace operation catalog. - Training for 2 Engineers +2 Technicians	100	

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	<p>Fully automatic softener and meter control            - Control panel ,Brine tank, with its interconnecting pipe system and all its additional accessories suitable for continuous soft water supply as following:            - Max flow rate :- 10 m<sup>3</sup>/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 maintenance operation catalog.            - Training for 2 Engineers +2 Technician</p>		
02-06-00035	<p>Equipment : Softeners            Fully automatic softener and meter control            - Control panel ,Brine tank, with its interconnecting pipe system and all its additional accessories suitable for continuous soft water supply as following:            - Max flow rate :- 10 m<sup>3</sup>/h            :-5M<sup>3</sup>/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 maintenance operation catalog.            - Training for 2 Engineers +2 Technician</p>	100	

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02-06-00036	Equipment : hospital lift complete 1- hospital standard 24- Passengers Plaint bed, side open door 21 floor Stainless steal doors with all parts need to replace existed lifts (erection and operating) for medical city	2	PCS
	2- As above but bed lift 4-Floor for Saddam General Hospital	2	PCS
	3- As above but 6- Passengers 4- Floor for Saddam General Hospital	4	PCS
	4- As above but 6- Passengers 7- Floor center open for Central Child Hospital	6	PCS
	5- As above but bed lift 7- Floor for Central Child Hospital	4	PCS
	6- Cargo lift 2 floors load 4000Kg side opening dons for Basra drug stores	2	PCS
	7- As above but 1400 Kg 7-Floor for Saddam Teaching Hospital in Basra	4	PCS
	8- As above bedlift but 1800 Kg 2- Floor for Tahreer Hospital and Basrah Funeral Hospital.	10	PCS
02-06-00037	Fork Lift (2Ton) 1.DIESEL ENGIN 4 CYLINDER WATER COOLED 2.BATTRY 12V 3.NORMAL HYDROLIC GEAR 4.MAX HIGHT 3.5M	100	
02-06-00038	Absorption chiller 550 TON High tension switch gear	60	
02-06-00039	High tension switch gear 1-aircircuit breaker 1600A / AH-16B 2-aircircuit breaker 1600A / AH-16B 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	6 6    4800	LT

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02-06-00040	Paging system 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	100	
02-06-00041	Equipment: Freezers Volume : 16 ft3 Temperature: from 00C to -300C. 220V ,50HZ, 1PH compresor : Tecumseh or Danffos frion use : R12 or R22 Dial thermometer outside the door have lockInside wall for freezer Aluminum plate. Freezer has alarm system when temp. low or high	800	
02-06-00042	Equipment: Vaccines and medicines refrigerator Volume : 16 ft3 Temperature: from 00C to 300C. 220V ,50HZ, 1PHcompressor : Techumsuh or Danffos frion use : R12 or R22 Dial thermometer outside the door have lock Freezer has alarm system when temp. low or high	2,000	
	<b>Equipment: kitchen equipment</b> Company / manufacture: European Site:saddam medical city		
02-06-00043	Mobile sink capacity 220 liter dimension 800X600X500mm total high 650 mm	15	
02-06-00044	Mobile sink capacity 220 liter dimension 800X600X500mm total high 650 mm	15	



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02-06-00045	<p>Equipment: Steam Boiler for heating (5 ton/hr)</p> <p>A) Steam Boilers</p> <p>1. The sub-contractor shall provide install, test, and commission one no. packaged steam boiler and associated equipment.</p> <p>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.</p> <p>3. The packaged boiler shall be manufactured in accordance with either the relevant TRD/DIN (German code) or British standards.</p> <p>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 .</p> <p>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.</p> <p>6. The boiler shall be high efficiency 3-parse Ir. reversed flow type with pressurized combustion chamber.</p>	100	

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	<p>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.</p> <p>8. Flue connection shall be at the rear of the boiler.</p> <p>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.</p> <p>10. The packaged boiler shall have the following mounting:</p> <ol style="list-style-type: none"> <li>1. main steam valve</li> <li>2. 2-high lift state valve, 5000 kg blowing - off pressure 10 bar</li> <li>3. pressure gauge.</li> <li>4. 2-water level gauge.</li> <li>5. feed water pressure gauge.</li> <li>6. Burner control sensors.</li> <li>7. water level /feed pumps controls.</li> <li>8. pressure control</li> <li>9. Blow down valve suitable for timed automatic operation in conduction with timer unit.</li> </ol>		
	<p>10. 2-boiler feeding pumps with electric motor designed specified boiler capacity at 10 bar.</p> <p>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 .</p>		

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	<p>B- BOILER FLUE GAS DUCTING</p> <p>1. The sub-Contractor shall supply, install and commission flue gas ducting (chimney) terminating in a suitable clowm above roof level. Height (above floor level) 5m.</p> <p>2. The "nominally" horizontal flue gas ducting shall be infect be in stalled "to fall ",rising slightly ,towards the main vertical chimneys.</p> <p>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.</p> <p>4. A condenser drain valve shall be provided from the base of vertical flue ,located at low level, complete with hose connection.</p> <p>C. BOILER FEED WATER + CONDENSATE TANK INCLUDE. CHEM. DOSING</p> <p>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.</p> <p>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.</p> <p>3. The tank shall have a minimum capacity of 3000 liter's, complete with following features and fittin</p>		

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	<p>1. 500mm bolted access manhole</p> <p>2. Glass water level gauge.</p> <p>3. water level control electrodes and associated solenoid valve for make-up water.</p> <p>4. Sprague pipes for condense return below water level.</p> <p>5. spray pipes for direct steam injection below water level for preheating feed water at boiler start-up, complete with thermostat icily control valve.</p> <p>6. vent pipe.</p> <p>7. all necessary connection.</p> <p>8. 50 mm thick rigid foil backed fibber glass insulation of 64 kg/m3 density finished in 24 swag aluminum sheeting.</p> <p>4. The tank shall also have provision for being chemically dosed by Adonis set.</p> <p>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 chemical supply suitable for 5 tons of steam supply must be included.</p> <p>6. The chemical dosing pump set shall be supplied by the boiler manufacture or equal approved.</p>		

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	<p>D. BOILER BLOW DOWN TANK</p> <ol style="list-style-type: none"> <li>1. The sub-contractor shall supply ,install, test and commission a boiler blow down tank.</li> <li>2. The tank shall have a capacity of Hrs supplied as a complete.</li> <li>3. The tank shall be welded steel construction complete with mounting legs.</li> <li>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.</li> <li>5. The after cooler and accessories shall also be supplied by the tank manufacturer.</li> <li>6. The blow down tank shall be complete with pipe.</li> </ol> <p>E. BOILER BLOWDOWN SYSTEM</p> <ol style="list-style-type: none"> <li>1. The boiler shall have its own automatic system to provide for periodic blow down .</li> <li>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.</li> <li>3. The timer/control unit shall provide blow down for Emmanuelle adjustable pre-set period at desired intervals which will, again be variable.</li> </ol>		

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT																																								
	<p>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.</p> <p>F. WATER SOFTENER PLANT</p> <p>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).</p> <p>2. The water softener must be supplied complete with :</p> <ul style="list-style-type: none"> <li>- booster pump(inlet pressure 0.5 bar).</li> <li>- salt tank(brine tank)</li> <li>- 2water softener colors complete with control solenoid valves</li> <li>- filter(strainer)</li> <li>- contact water meter compel. with water softener control unit</li> <li>- all armatures</li> </ul> <p>3. The water softener must have capacity at 80-100 litter/h</p> <p>4. water treatment        water specification:</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 150px;">-total water hardness</td> <td style="width: 100px;">caco3</td> <td style="width: 100px;">150</td> <td style="width: 100px;">400</td> </tr> <tr> <td>-calcium</td> <td></td> <td>ca</td> <td></td> </tr> <tr> <td>40</td> <td>120</td> <td></td> <td></td> </tr> <tr> <td>-chloride</td> <td></td> <td>cl</td> <td></td> </tr> <tr> <td>10</td> <td>70</td> <td></td> <td></td> </tr> <tr> <td>-sulfate</td> <td></td> <td>so4</td> <td></td> </tr> <tr> <td>40</td> <td>120</td> <td></td> <td></td> </tr> <tr> <td>-pH-valve</td> <td></td> <td></td> <td></td> </tr> <tr> <td>6.8</td> <td>7.6</td> <td></td> <td></td> </tr> <tr> <td>-Fe</td> <td></td> <td></td> <td></td> </tr> </table>	-total water hardness	caco3	150	400	-calcium		ca		40	120			-chloride		cl		10	70			-sulfate		so4		40	120			-pH-valve				6.8	7.6			-Fe					
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	<p>G. Heat exchanger (horizontal type) with U-copper tubes (extensible) complete with thermal insulation:</p> <ul style="list-style-type: none"> <li>-capacity: 450.000 kcal/h</li> <li>-primary : saturated steam 8 bar</li> <li>-secondary: water 15-60 c0</li> <li>-complete with asset of drawings.</li> </ul> <p>H. Heat exchanger (horizontal type) with U-copper tubes (extensible) complete with insulation:</p> <ul style="list-style-type: none"> <li>-capacity : 1.100.000 kcal/h</li> <li>-primary : saturated steam 8 bar</li> <li>-secondary water 15-90 c0</li> <li>complete with a set of drawings.</li> </ul> <p>I. spare parts for 5 years with complete set of fire tube</p>																																										

SECTOR: Health  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	<p>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 ½" 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</p>		
	<p>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</p>		

SECTOR: Health  
 Subsector:  
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CODE	DESCRIPTION	QTY	UNIT
02-06-00046	<p>EQUIPMENT: STEAM BOILER FOR WASHING (0.6 TON/Hr)            Nos. Fully Automatic Multi-Pass Steam boilers with electrical and mechanical control, pumps, safeties with Auxiliaries According to the international standards and regulations for steam boiler under the following specifications :</p> <p>A. Out put capacity 600kg/Hr            B. Working pressure (6-8) bar            C. Oil burner type 1 3 VZ monarch and gas (butane .propane ) and heavy oil</p> <p>The following item must be included</p> <p>1. Automatic blow down .controlled 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</p>	200	





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CODE	DESCRIPTION	QTY	UNIT
02-06-00053	TYRE 3007436/007	126	
02-06-00054	TYRE 3007436/004	126	
02-06-00055	TYRE 2003087/001	60	
02-06-00056	TYRE 2003087/002	60	
02-06-00057	BATTERY 60 AMP	6,000	
02-06-00058	BATTERY 90 AMP	1,000	
02-06-00059	BATTERY 135 AMP	1,700	
02-06-00060	BATTERY 540 AMP	400	
02-06-00061	BATTERY 530 AMP	70	
02-06-00062	BATTERY 30	700	
02-06-00063	BATTERY 200	800	
	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		
	<b>Equipment: kitchen equipment</b> Company / manufacture: European Site: saddam medical city Steam heated boiling pan 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		
02-06-00064	Steam heated boiling pan 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	40	

SECTOR: Health  
 Subsector:  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00065	<p>Equipment : KIMADIA COMPUTER SYSTEM</p> <p>THIS SYSTEM IS DESIGNED AS THE FIRST STAGE SOLUTION FOR COMPUTERISING THE STOCK MOVEMENTS OF MEDICAL ITEMS IN THE 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 TECHNOLOCHY, BUT ITS A SYSTEM ACCEPTABLE TO UN, SUITABLE FOR STABLISHING 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 PORT-ABLE, 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 LAIDED DOWN BY MOU.</p>		
	<p>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</p>		

SECTOR: Health  
 Subsector:  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	A- NETSERVER 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- ORGALE 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	14	UNITS
	B-PC WITH THE FOLLOWING SPECS. 200 MHZ PROCESSOR 16 MB RAM 1.6GB INTERNAL STORAGE	130	UNITS
	C- TERMINALS TERMINALS COMPATIBLE WITH THE MINI SERVER -ARABISED	130	
	D- PRINTERS	50	UNITS
	E- LASER JET PRINTERS	50	UNITS

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CODE	DESCRIPTION	QTY	UNIT
02-06-00066	Special Equipment for directorate of protection & improvement environment Equipment:-Note book computer- -12.1 Active matrix display - 200 MMX Intel Pentium processor -512 Pipelined burst cache - 32 MB EDO RAM -2GB HDD (8ms) -16X CD-ROM (removable) - 1.44 3.5" Floppy disk drive - 4 MB EDO PCI Graphics - Zoomed video port ,video in jack Infrared interface support Arabic/ English key board - 16 Bit built in sound W/Speakers Integrated personal touched - Two type II/ One type III PCMCIA slot - Rechargeable batteries (+2 Extra batteries)/ AC Adapter (220 V AC )/charger Mobile care adapter - Arabic windows 95 + MS plus! + MS office Professional with book shelf for windows 95, including original CD 'S & manuals Deluxe carrying case	8	
	Hp Laser jet 6P printer with 10MB Memory + 10 extra toners	4	
	Multimedia projector with the following minimum specifications - 800 x600 SVGA Power zoom focus - 500 ANSI Lumens video capable Wireless PC mouse	4	
	PUS, APC back -UPS pro 1250	4	
	Video camera with all accessories (VHS)	40	
	Television	40	
	Video with all accessories	40	
	Trans code	40	
	Recorder with all accessories	40	
	Photo camera	40	
	Over head projector	40	
	Slide projector with accessories	40	
02-06-00067	MANUAL HYDROLIC JACK CAPACITY : 1TON 0.250TON	100	
02-06-00068	MANUAL MECHAMICAL JACK (0.250TON)WITH SPARE PARTS FOR TWO YEARS CAPACITY : 1TON 0.250TON	100	

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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00069	Passengers intercity staff bus 20 to 30 passengers,automatic doors ,diesel engine,air conditioned,apholestered chairs stainless steele fram,sliding glass windows with curtains,rubber mat floor, tinted windshield , stereo radio-recorder,ceiling hanging grips,	1,000	
	<b>Equipment: kitchen equipment</b> Company / manufacture: European Site:saddam medical city		
02-06-00070	Electric boiling pan, 3PH, 380 V, 50 HZ, and 20 KW, dimension: approx. 1X1X1 m , capacity : 100liter , material inner lining of acid proof S/S, outer casing and lid of S/S with foundation frame	93	
02-06-00071	Electric boiling pan, 3PH, 380 V, 50 HZ, 30 KW, dimension approx. 1.25X1X1 m , capacity : 200liter , material inner lining of acid proof S/S, outer casing and lid of S/S with foundation frame	50	
02-06-00072	Deep fat fryer - floor model , 3 phase , 380 V ,11.2 KW , dimension : 600X600X900 mm, capacity :oil volume ,2X15 liter, material : top surface , well heating elements and sides of S/S , with 2 baskets	30	
02-06-00073	Deep fat fryer - floor model , 3 phase , 380 V ,11.2 KW , dimension : 600X600X900 mm, capacity :oil volume ,2X15 liter, material : top surface , well heating elements and sides of S/S , with 2 baskets	30	
02-06-00074	Potato peeler mounted on astounds, 3 pH, .5 KW dimensions approx. 500X750X 1000mm capacity approx. 28 I Bs /load materials stand of cast iron cylinder of aluminum	15	
02-06-00075	Meat bond saw , 3 pH , 1.5 HP dimension approx. 520 X600X1500mm capacity work table 520X 660mm table travel 300mm ,blade speed 22m/sec s/s table	30	
02-06-00076	Vegetable mill , 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	25	

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CODE	DESCRIPTION	QTY	UNIT
02-06-00077	Food cutter 3pH 380 V 50HZ dimensions approx. 750 X600X500mm capacity volume of bowl 11liter speed of bowl 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	30	
02-06-00078	Heavy duty meat miner 380 V 50HZ 1.5 KW capacity approx. kg/hour 300, diameter of rotating knives 82 mm dimension approx. 400X470X 500	35	
02-06-00079	Universal kitchen machine 1 pH dimension space required 370X270X500mm material casing of light alloy accessories mixing attachment 20 liter bowl capacity meat miner with 3, 4 ½ , 13mm cutting plates and one four bled knife mashing machine	30	
02-06-00080	Steam heated boiling pan 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	40	

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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00081	Equipment : Absorption chiller 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 0) : -12.5 - 7 flow ( L/S) :- 149 tube velocity (M/S) :- 1.79 pass no. :- 2 - Absorber : model 16 JE 707 in temp .(C 0) :- 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	30	
	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		



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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00082	Equipment : Centrifugal electrical chiller 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 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	30	
02-06-00083	Equipment : Centrifugal electric chiller 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	10	

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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00084	Equipment : air compressor with motor pneumatic control motor : 30 HP . 380 V , 3 pH , 50 HZ, 2300 L/min max. discharge pressure : 20 bar operating pressure : 12 bar	40	
02-06-00085	Equipment : air compressor with motor diesel starting motor : 2.6 KW , 3PH, 380V, 50HZ, 1500 rpm 0.065 m3/min 2.3 CFM max working pressure: 3200 PSI,	30	
02-06-00086	Equipment : Incinerator 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 the waste must be completely burnt & 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 . capacity :100K/hr	500	

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TITLE:

CODE	DESCRIPTION	QTY	UNIT
	<p>Design : incinerator of the pyrolytic type are preferred . it should be able to operate the incinerator as follows:  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. incinerator must be equipped with primary and one secondary (pilot) burner. the fuel consumption of the burners is to be indicated in the offer .  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  chimney : stainless steel chimney of sufficient length and diameter with spark arrest.  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  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>Equipment : kerosene refrigerator  refrigerator work with electric heater &amp; kerosene  - size 12 ft3  dial thermometer on the door  - refrigerator have tow door first for freezer &amp; the second for refrigerator .</p>	600	
02-06-00088	<p>Equipment : meat cold store  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</p>	600	

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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	<p>A : CONSTRUCTION :</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 three quarters of the space shall be pccupied by she lves the rest by hangers .</p>		

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CODE	DESCRIPTION	QTY	UNIT
	<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- REFRIGERATION SYSTEM</p> <p>two inde pendent refrigration systems (each system having acompressor 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 aclock timer shall be furaished to aotamatically reverse the sequence of operation of the tow systems to assure even wear- should one sysstem be unable for any reason to maintain the required temperature the second sysstem shall automatically cut - in and together sysstem shall automatically cut- in and together both sysstem shall bring the temperature down to the required level .</p>		
	<p>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 sysstem shall utilize heavy - duty refrigeration copper tuibing no aluminium or steel tubing shall be used . evaporator fins shall be anti - corrosion type - automatic electrical defrost with pipe for drain valve shall be</p> <p>C: ELECTRICAL SYSTEM</p> <p>system shall operate from single - phase , 220V . 50HZ supply - or from three - phase 4 - wire 380/220V .</p> <p>D-SPARE PARTS:</p> <p>an itemized and pricid spare - parts list sufficient for five years repair and maintenance of the equipment shall be submitted with the offer . the peace shall be C&amp;F baghdad and the spares shall be shipped with the freezers . Among other things , the list shall include the fol;owing items:-</p>		

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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	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-deforst heaters 14-automatic electric defrost 15-automatic alternator for reverse sequence 16-internal light bulb 17-over load 18-expansion valve 19-filter dir/ers 20-fuses of different ratings 21-solenoid valve 22-micro switch & spare for air curtain 23-alarm horn TESTING , INSTALLATION AND GUARANTEE		

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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	<p>A : TESTING AND GUARANTEE  tenderer shall guarantee and maintain the freezers for a period of tow years starting from date of putting them in operation . All equipment shall be tested and autstanding technicalproblms shall be discussed and settled in the firm prior to the shipment of the equi[ment and in the presence of our engineer . tenderershall 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 .</p> <p>B: TRAINING :  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>C : INSTALLATION :  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>NOTES  1-fresh meats shall be brough in stores at around 35 0C .  2-quantity of stored meats in each store is about 1!  3-load calculations shall be sent with the offer</p>		
02-06-00089	<p>EQUIPMENT: SUB - STATION  BUSWAYS, 1600 AMP. RATING .  AS ABOVE BUT BETWEEN MV MAIN SWITCH BORD NAD TO 9-  CHILLERS EACH 1500 AMP. FLC</p>	2,000	METER S
02-06-00090	<p>submersible pump for spring well  bore_hole  pump=120meter head  flow =7L/sec multi stage  submersible pump = 380V 3PH 50HZ  with spare parts for 5years</p>	15	
02-06-00091	<p>Computer &amp; Communication system to cover KIMADIA central, Doha, and sector warehouses. with high specs, UPS s, printers and universal bar code readers.</p>	10	
02-06-00092	Mechanical Governor control	15	
02-06-00093	Water pump	20	

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TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00094	<p>cooling tower 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>	70	
02-06-00095	<p>H.T. System 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. We need 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>	90	



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TITLE:

CODE	DESCRIPTION	QTY	UNIT
	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	6	system
02-06-00096	SHORT LIST FOR MATERIALS FOR CENTER OF NEUROLOGY (EQUIPMENTS AND SPARE PARTS AND ALL ACCESSORIES ) Materials for mechanical works Including refrigerant gas Centrifugal or reciprocating water chiller 230 ton	10	
02-06-00097	A.H.U W/accessories	30	
02-06-00098	Condenser Evaporate and Boiler pumps	25	
02-06-00099	Heap filter(60 x60cm)for O.R	300	
02-06-00100	Perforated diffusers for O.R 4-3x3m 3.2x3.2m	15 5	
02-06-00101	El.Bd. W/temp and humidity sensors for O.R	25	
02-06-00102	MATERIALS FOR SANITARY WORKS Central medical gases system	5	Lot
02-06-00103	Stainless steel scrub-up basins W/accessories	15	
02-06-00104	Oxygen plant	5	lot
02-06-00105	MATERIALS FOR ELECTRICAL WORKS Nurse call system / 13n.st W/accessories	5	lot
02-06-00106	Bed head unit	300	types
02-06-00107	Fire alarm system W/accessories for 12 zones	20	lot
02-06-00108	Central clock system for O.R -master -slave	5 10	lot
02-06-00109	Generator set (800 KVA)	5	
02-06-00110	Bed passenger lift	10	
02-06-00111	Sound reinforcement system	5	Lot
02-06-00112	Emergency exit light	70	
02-06-00113	UPS system 3-5kw 3-7kw	20	
02-06-00114	Sparkles switch socket /capacities	150	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00115	Materials for civil works/ Conductive PVC tiles for O.R dep W/accessories and adhesives	540	m^2
02-06-00116	Ceiling panels for O.R W/accessories and hangers	210	M^2
02-06-00117	Wall panels for O.R W/ accessories and built in items	560	M^2
02-06-00118	PVC skirting for O.R dept W/accessories and adhesives	5,002	M
02-06-00119	Equipment : pumps 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	60	
02-06-00120	-set of repining kit for the pump (NE 6 x16)	70	
02-06-00121	Complete pump + motor (NE3 x16) Q= 15 m3/hr H=30m 3ph COs Q 0.9, r.p.m=2850 400V	60	
02-06-00122	-Set of repining kit for the pump (NE 3x16)	80	
02-06-00123	Accessories/ Microtck scanner A3 size (color)	10	
02-06-00124	Printer HP Desk jet 890C	10	
02-06-00125	Digital Camera (Sony)	10	
02-06-00126	Video in card (MPWGENCODER)	5	
02-06-00127	Plotter A0 size (Disk jet color)	5	
02-06-00128	Multi Media Projector	10	
02-06-00129	Jackboot (20 CD changer) for Libra	5	
02-06-00130	Copy Machines/Minolta photocopy machine 2080	10	
02-06-00131	Kiss graph machine copy speed (60-130 copy per minute) GR-1750 or GR-3750	5	
02-06-00132	Video and calling system requirement/Video camera digital with motorized connected to the current system	120	
02-06-00133	27" Monitor video in -video out connected to the current video system	80	
02-06-00134	Amplifier for current audio calling system	40	
02-06-00135	Video recorder U-Match	40	
02-06-00136	Video Recorder VHS	10	
02-06-00137	Video Caddie U-Match	1,000	
02-06-00138	Video Caste VHS	200	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00139	<p>Equipment:-Pegging system</p> <p>-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.</p> <p>Model:- cite allocate v-2505 medium capacity epabx (64x320) cabinet reference 0A075080101 (A20750044/E)</p> <p>Program reference FAH 04H 10H 03H</p> <p>supply Complete maintenance and operating installation catalog and spare part catalog training of our staff in maintenance factory</p> <p>-spare part for 5 year</p>	40	
02-06-00140	<p>Equipment:- water softener</p> <p>-supply complete water softener with the values and all accessories instead of old model:- SF602 CSB meter controlled fully automatic.</p> <p>Capacity:- 9000/m3</p> <p>Maxflowrate:- 10 m3/huh</p> <p>Hardness of treated water 0.TH</p> <p>Pressure drop:- 80 KPA (8MWG)</p> <p>Voltage: _220V/50HZ</p> <p>Operating pressure between (2 and 6 bar) 2 and 6 KPA/cm</p> <p>Salt capacity:-400 KG</p> <p>Reagent tank:- 120L</p> <p>Company name:-EAU ET IN DUSTRE</p> <p>-supply test kit for testing water with reagent 12 set</p> <p>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</p>	50	
02-06-00141	<p>Equipment:- Package unit package complete which supply cool air directly by duct to the building</p> <p>Capacity:- 10TON</p> <p>380 V 50HZ ,3PH,R22</p> <p>Ambient temp. :- 60 C</p> <p>Linseed temp.:- 12 C</p> <p>Training 3 engineer for 2 weak spare part for 5 years</p>	300	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00142	petium 333MHZ MMX (INTEL) COMPLIENT WITH YEAR 2000 (XION) 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 PETIUM 333MHZ MMX (INTEL) COMPLIENT WITH YEAR 2000 (XION) 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	100	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	TYPE 3 PETIUM 300MHZ MMX (INTEL) COMPLIENT WITH YEAR 2000 (CELERON) 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 mother board intel corporation with cpu bios american megatrend inc (AMI) ram memory micronics. Or kingston technolgy corp hard disk seagate technology inc. Or western digital corb monitor sony electronics inc. or samsong 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	COMPLETE FAN COIL TYPE V.P.N 61 SINGLE SHAFT	1,200	
02-06-00144	COMPLETE FAN COIL TYPE V.P.N 81 DOBLE SHAFT	660	
02-06-00145	COMPLETE FAN COIL TYPE V.A.C 41 SINGLE SHAFT	75	
02-06-00146	COMPLETE FAN COIL TYPE V.A.C 81 DOBLE SHAFT	55	
02-06-00147	COMPLETE FAN COIL TYPE V.A.C 111 DOBLE SHAFT SPARE PART FOR 5 YEARS INCLUDING THER MOSTAT MOTOR SELECTOR SWITCH catallog for the spare parts, models ,maintenance and operation TRAINING for our STAFF engineers	55	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00148	EQUIPMENT CHILLER 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..	200	
02-06-00149	WATER COOLER COMPLATE WITH ¼ OR 1/3 HP COMPRESSON 50HZ SINGLE PHASE 220V SYEARS SPARE PART	5,000	
02-06-00150	Equipment :- Window unit Equipment :- Window unit Air condition with heater Capacity :- 1.5 ton 220 v , 50 Hz , 1 pH hotel cooled , R22 spare part for 5 years	7,000	
02-06-00151	Equipment :- split unit Equipment :- split unit 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	1,000	
02-06-00152	Equipment :- deep freeze Deep freeze complete unit flat type inside temp. required :- 40 Co 220V , single, phase 1 , 50 HZ spare part for 5 years training for engineer and tech Supply catalog spare part and operation and	600	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00153	<p>Equipment :- chiller Air cooled            Capacity :- 80 ton            Ambient temp :55Cú            Water inlet : 6 Cú            Water outlet : 12 Cú            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)</p>	700	
02-06-00154	<p>Equipment:- cooling tower            Complete cooling tower            Capacity : 4 .201.200 Kcal/h            Working weather 60% humidity and 500 PPM total            hardness for water            Water flow : 7800 L/min            Water in :- 41Cú            Water out :- 32 C ú            Spare part for 5 years            Training for engineer and tech            Supply catalog for operation and maintenance and            spare part list.</p>	70	
02-06-00155	<p>Equipment:- cooling tower            Capacity :80 ton            Water temp. 38/ 30 Cú            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>	50	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00156	Minibus 21 Setae, 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 for the North	1	
02-06-00157	Fuel Tanker Scan, 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) for the North	3	
02-06-00158	SPECIFICATIONS FOR BLOOD REFRIGERATOR CARS 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	170	



SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	<p>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            - ASSESSORS: JACK AND HANDLE, WHEEL RING, HAZARD TRIANGLE            - SPARE TYER ( DOUBLE TYER )            TWO GENERATORS SET TO BE AVAILABLE EACH ON CAPABLE TO OBERATE CONTINUOUSLY FOR SIX HOURS            CAPABILITY OF CONNECTING REFRIGERATOR AND FREEZER WITH EXTERNAL ELECTRICAL SOURCE INCLOUDING ( CABLE 100M LENGTH WITH THREE OUT LET AND ANOTHER ELECTRIC Accessories AVAILIBLE ALL THE TIME IN THE CAR )            BLOOD BOX COMPARTMENT</p>		
	<p>THE BOX WILL BE ENOUGH TO CARRY THE FOLLOWING:            - TWO BLOOD REFRIGERATOR (VERTICAL TYPE) EACH CAN CARRY 100 UNIT OF BLOOD BAG            - TWO DEEP FREEZER (VERTICAL TYPE) EACH CAN CARRY 150 UNIT OF BLOOD DERIVATIVES            INSIDE TEMP FOR REFRIGERATOR + 2C TO +6C            INSIDE TEMP FOR DEEP FREEZE -30 TO -60C            - AMBIENT TEMP:60C            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            DALE THERMOMETER MUST BE PROVIDED ON THE REFRIGATOR AND FREEZ AND WILL BE SHOWN ALSO IN DRIVER CAB            DAY RECORDER ON EACH REFRIGATOR AND FREEZ            EACH refrigerator and FREEZE have TWO SEPARATING COMPRESSOR (ONE work and ANTHER STAND BY )            - EACH REFRIGERATOR AND FREEZE HAVE STAINLESS STEEL STEAD DOOR (NOT GLASS)            - AUTOMATIC DEFORESTING FOR EACH REFRIGERATOR AND FREEZE AND THE DRAIN WATER WILL BE THROWN OUTSIDE THE CAR            - THE REFRIGERATOR AND FREEZER WILL HAVE REMOVABLE DRAWER</p>		

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	<ul style="list-style-type: none"> <li>- REF. GAS: R12 OR, RR22 OR R502</li> <li>- TOW MINI COOLING BOXES FOR MANUAL TRANSPORTING THE BLOOD BAGS</li> <li>- 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 RECOMMENDED SPARE PARTS FOR 5 YEARS</li> <li>TRINING FOR TOW ENG. TOW WEEKS AND ONE DOCTOR(physican) FROM BLOOD BANK FOR TWO WEEKS</li> </ul>		
02-06-00159	Equipment Gas Boiler Equipment Gas Boiler Supply complete unit with its all accessories instead of old model conic flexiflame 70 cp. Gases serial No. 82487612-20 Company name :- CHAFFOTANUX ETMAURY <ul style="list-style-type: none"> <li>- give list of spare part for serer</li> <li>- supply complete maintenance and operating and installation and spare part scatalog</li> <li>- Training of our staff in manufacture factory</li> </ul>	60	
02-06-00160	Centralized cooker s	15	
02-06-00161	Bata peeling machine	15	
02-06-00162	Tomato press	15	
02-06-00163	Horizontal Deep freeze 16" foot	15	
02-06-00164	Washing machine laundry	15	
02-06-00165	Press	15	
02-06-00166	Betts for Iron roller	200	
02-06-00167	Pentium 2 Intel	250	
02-06-00168	CPU 333 MHz with cache RAM 128 MB	250	
02-06-00169	Hard disk 9 GB	250	
02-06-00170	SVGA card 4 MBV RAM	250	
02-06-00171	17" color SVGA monitor	250	
02-06-00172	Screen filter	250	
02-06-00173	LAN card 32 Bits	250	
02-06-00174	CD -Drive 34 X	250	
02-06-00175	Sound D32 Bit 3 D	250	
02-06-00176	HP laser jet printer 6p++10 extra toner	250	
02-06-00177	Modem Fax card (56.6) KBPS	250	
02-06-00178	English/Arabic KB (104 Keys)	250	
02-06-00179	MS mouse	250	
02-06-00180	Mouse -Peed	250	
02-06-00181	3.5 FDD HD	250	
02-06-00182	HP Laser jet printer	250	
02-06-00183	Extra Black Toner	400	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00184	FORK LIFT (5 TON) FORK LIFT (5 TON) 1. DIESEL ENGINE 4 CYLINDER WATER COOLED 2. BATTERY 12V 3. NORMAL HYDRAULIC GEAR 4. MAX HEIGHT 3.5M	100	
	PACKAGE UNIT (AIR COOLED) SCHEDULE		
02-06-00185	Cooling load kcal/H total load 98400	5	
02-06-00186	Cooling load kcal/H total load 81900	5	
02-06-00187	Cooling load kcal/H total load load 28200	5	
02-06-00188	Cooling load kcal/H total load load 44100	5	
02-06-00189	Cooling load kcal/H total load 18150	5	
02-06-00190	Cooling load kcal/H total load 50500	5	
02-06-00191	Cooling load kcal/H total load 18000	5	
02-06-00192	Size of clinker /1st stage 406. 4mm (16") tow	10	set
02-06-00193	Z ND stage :288 .6mm (9)" tow - 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 , JJ2439Cabla address : Iho Toko - Installed & Commissioning by: Twix 242- 2914 Fax 03-423 - 4821	10	set
02-06-00194	Teflon Pistonring 2nd Stacie cood No. E238201	90	
02-06-00195	Teflon Piston ring ist stage cood No. E148201	75	
02-06-00196	Bull Ring 2nd Stage cood No. E238202	65	
02-06-00197	Piston Assy Ist stage cood No. E141600	15	
02-06-00198	Discharge valve seat	420	pcs
02-06-00199	inlet valve seat	360	
02-06-00200	I- Type thermometer (0-100C)	20	
02-06-00201	L- Type Thermometer (0-200C)	20	
02-06-00202	THRENAY SOLENOIO VALVE	30	
02-06-00203	Oil preserve	20	
02-06-00204	Chain over suttee	20	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00205	AIR Pressure switch cood No. G319968	20	
02-06-00206	Temperature switches (120-215C) cood no. G631301	20	
02-06-00207	Crank shat Assy cood No. D266700	10	
02-06-00208	Oilier PIN cood No.	40	
02-06-00209	Retaining Ring cood No. D26706	40	
02-06-00210	Bearin6 collar cood No. D260707	40	
02-06-00211	Bearing Coeur cood No. D260708	40	
02-06-00212	Collar cood No. D260709 Flintier	40	
02-06-00213	Filigree cood no. D260710	40	
02-06-00214	Bolt cood no. D110711	40	
02-06-00215	Key cood No. D260712	40	
02-06-00216	Oilier sleeve cood no. D260713	40	
02-06-00217	Bearing cood No. 0.0260714	40	
02-06-00218	Bearing cood No. D260715	40	
02-06-00219	Connecting Rods cood No. D111400	40	
02-06-00220	Ding end Bolt cood No. D111403	40	
02-06-00221	Caste Nut Cood No. D111404	40	
02-06-00222	Crank pin Bearing Cood. No. D111406	40	
02-06-00223	Wrist P/N Metal cood No. D111407	40	
02-06-00224	Cloture P/N cood No. D961814	40	
02-06-00225	Cross Head Assy Cood No. D111300	40	
02-06-00226	Wrist P/N covers cood No. D111 303	40	
02-06-00227	Wrist P/N D111304	40	
02-06-00228	Lockwasher Cood no. D111305	40	
02-06-00229	Bolt Cood No. 0430765	40	
02-06-00230	Destine Rod cood No. E121606	40	
02-06-00231	Precision control thick meter	40	
	0-3005 Freq. 0-4000	40	
02-06-00232	Thermos couple for outlet and inlet Tem.	40	
02-06-00233	Tem. Controller T 675A	40	
02-06-00234	Ceramic filter	40	
02-06-00235	Flexible hose for tank lorry	10	
02-06-00236	Ball valve for pump (tank lorry)	10	
02-06-00237	Pump Assy for tank lorry	20	
02-06-00238	Flexible hose for filling station	10	
02-06-00239	Complot O2 valve for oxygen cylinder type G11	300	
	<b>Water pump</b> Manufacture: old type LEF1: any anther new model Equipment to the following old pump good quietly		
02-06-00240	Contifagal pump with motor complete old model : B125/25 name Q forte (m3/h) ; 95 380volt, 50HZ, 3PH	30	
	repair kit	90	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00241	Centrifugal pump with motor complete old model :- B 125/20 N Q floweret 9m3/h0:160 / Head:- 26m /voltage 380 50hz 3ph	30	
	repair kit	90	
02-06-00242	Centrifugal pump with motor complete old model :- B125/30 Q floweret m3/h : 182 Head:- 21m /Voltage:- 380 , 50Hz 3ph inlet pipe inch :- 5 outlet pipe inch:- 4	30	
	repair kit	90	
02-06-00243	Centrifugal pump with motor complete old model :- B125/25 Q floweret m3/h:- 95 Head :- 17m /Voltage 380, 50Hz, 3Ph	30	
	repair kit	90	
02-06-00244	Centrifugal pump with motor Old model :- B125/30( Hot water ) Q floweret (m3/h):- 99 Volt:- 380,50 Hz, 3ph	30	
	repair kit	90	
02-06-00245	Centrifugal pump with motor old model :- B40132 R.P.M= 1450 Q floweret m3/h =14 Head :- 25 volt:- 380 Hz = 50 pH: 3	30	
	repair kit	40	
02-06-00246	Centrifugal pump with motor Old model :- B80 /35 Qflowrate :- m3/h 50 voltage:- 380 , 50Hz, 3ph	10	
	repair kit	25	
02-06-00247	Centrifugal pump with motor old model :- B125/35 Q floweret (m3/h) :60 voltage:- 380 50Hz, 3ph	10	
	repair kit	25	
02-06-00248	Centrifugal pump With motor old model :- bob 80/25 Q floweret m3/h :59 voltage:- 380 , 50Hz, 3ph	10	
	repair kit	25	
02-06-00249	Electric sewage pump head :- 15-20 /380voltage: 50Hz, 3ph supply complete maintenance and operating installation catalog and spare part Catalan training of our staff in maintenance factory	20	
	repair kit	40	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00250	Drying tumbler 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 cycle when door opened connection to 380v 50hz 3ph spare part list for 3 years operation in stallation repair and spare parts manual with each drying tumbler	400	
02-06-00251	Press Capacity 20 kg Stainless steel inner for drum Automatic operation pnoanamebel All accessories needed supply for prepare operation Connection 380 V 50 HZ 3PH	300	
02-06-00252	Steam dryer 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 be included inlet and out let flexible steam pipes exheust flexible pipe 6m for each automatic start - stop starter ,steam trape sylinder material should be corrosion - proof itemized and speratly priced spare part list for 3 years operation installation repaier and spare parts manual with each tumbler connection to 380 V 50 HZ 3PH	400	
02-06-00253	iron steam 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 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	300	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00254	Flat work ironed machine electrically heated press roller to 1.5 m length automatic lifting and lowering of cylinder heat control finges - protection feeding and receving 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	400	
02-06-00255	Washing machine 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 action safty look on door unbalance switch G- factory :500 g fitting and flexiabile pipes 1.5 m included 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	400	
02-06-00256	Washing machine Capacity 20 kg/load (dry weight) heating :electric element drum stainless steel 18/8 operation by push botton for manual control reverse drum action safty look on door fitting and lexiabile 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 installation repair and spare parts manual with each washer Training tow engineers for 3 weeks in the factory	500	

SECTOR: Health  
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 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00257	Washing machine Capacity 30 kg/load (dry weight) heating :electric element drum stainless steel 18/8 operation by programme card and push botton for manual reverse drum action safty look on door fitting and flexiabile pipes 1.5 m included connection to 380 v 50 hz 3 ph demostic water pressure supplied 0.5 bar Training tow engineers for 3 weeks in the factory	500	
02-06-00258	Press Capacity 50 kg	300	
02-06-00259	hydro extractor 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	500	
02-06-00260	Cornice flexiflame 70	300	
02-06-00261	Drying to LBG gas dryer	20	
02-06-00262	Hot water boiler Capacity 2000 KG/hr Working presser 10 bar Automatic control for safe, starting and operation, automatic blow down valve, safety valve . Burner : dual fuel L.P.G gas or light gas oil Automatic operation isolated skid mounted ready for connection and operation 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	100	



SECTOR: Health  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00263	Calling system and equipment for calling system Complete paging system with its control station and 5 watt transmitter and 100 radio receives . The system either independent or interfacing with telephone exchange supply complete maintenance and operating installation catalog and spare part catalog	200	
02-06-00264	Compressor 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 specification : 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) dimensional data : 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.	20,000	
02-06-00265	Telephone exchange system 4X64 8 X 120 20 X 320 30X500 50 X 1000 10x250 10 x 75	100 60 80 50 20 10 10	

SECTOR: Health  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	<p>each above internal extensions should be 80% analogue, and 20% digital</p> <p>Auto communication switch system can use both type of telephone rotary dialing type and electronic push -bottom type programming of system facilities and read out should be accessible via data terminal</p> <p>Facilities : consultation call with split call transfer three way conference executive station direct attendant call signaling camp on and over ride paging speed dialing restricted access for trunks call parking auto call back call forwarding manager secretary call interception busy over ride security group hunting UNA ANA</p> <p>Tones : the system should be working on different tones such as internal ringing tone external ringing tone dial tone busy tone over ride tone hold or service tone confirmation tone call waiting tone order tone</p> <p>Operator console : electronic push - bottom operator console can be connected at least 20 meters from the exchange required as communication link for incoming calls and external calls having more facilities than ordinary extenuation</p>		

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	<p>such as processing bottoms for arrival and departure callous call indication stand by and release automatic routine of calls serielcall override - camp on and hold external line reservation alarm display paging split and conference day timetransfer call tracking and toll display selftesting</p> <p>Power supply : smooth and stabilized 48 V DC at 60 A max provided by main power parlor with 200 AH capacity battery accumulator which can deliver the power to the system for 5 hours in care of main failure</p> <p>In case of 48 VPC failure to theB82 system suitable battery back up supply electricity to 1000 hrs to different kind of memories to save stored elate.</p> <p>Others:</p> <p>1- Installation the system on sites and tow year maintenance</p> <p>2- Spare parts for 5 years</p> <p>3- Comet set of manuals installation maintenance programming and read out testing and trouble shouting.</p> <p>4- Training on factory 5 engineers and 6 weeks</p>		
	<p><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</p>		
02-06-00266	<p>pumps 12LN21            KW 340            HEAD 36 (M)            FLOW (L/S) 650            RPM 1440</p>	20	
02-06-00267	<p>pumps 12LN17            KW 265            HEAD 52.5 (M)            FLOW (L/S) 335            RPM 1440</p>	30	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00268	pumps 12LN17 KW 224 HEAD 36 (M) FLOW (L/S) 372 RPM 1440	10	
02-06-00269	pumps ERP80-400 KW 150 HEAD 140 (M) FLOW (L/S) 30 RPM 2880	10	
02-06-00270	pumps 12LA2 KW 150 HEAD 25.5 (M) FLOW (L/S) 415 RPM 1440	10	
02-06-00271	pumps 12LA2 KW 90 HEAD 30 (M) FLOW (L/S) 300 RPM 1440	15	
02-06-00272	pumps 10LA3 KW 90 HEAD 30 (M) FLOW (L/S) 170 RPM 1440	10	
02-06-00273	pumps 10LA3 KW 90 HEAD 43.3 (M) FLOW (L/S) 142.3 RPM 1440	10	
02-06-00274	pumps 65WP 315 KW 75 HEAD 132.5 (M) FLOW (L/S) 22.5 RPM 2880	10	
02-06-00275	pumps 6L3 KW 55 HEAD 32 (M) FLOW (L/S) 101.29 RPM 1440	10	
02-06-00276	pumps 6L3 KW 55 HEAD 52.5 (M) FLOW (L/S) 52.24 RPM 1440	10	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00277	pumps 65WP 315 KW 55 HEAD 103 (M) FLOW (L/S) 22.5 RPM 2880	15	
02-06-00278	pumps ERP60-200 KW 45 HEAD 190 (M) FLOW (L/S) 7.57 RPM 2880	20	
02-06-00279	pumps 50wp315 KW 37 HEAD 103 (M) FLOW (L/S) 10 RPM 2880	15	
02-06-00280	pumps 65WP 250 KW 37 HEAD 68.6 (M) FLOW (L/S) 22.5 RPM 2880	15	
02-06-00281	pumps 6L3 KW 37 HEAD 34 (M) FLOW (L/S) 55.5 RPM 1440	15	
02-06-00282	pumps 6L3 KW 30 HEAD 27 (M) FLOW (L/S) 98.5 RPM 1440	10	
02-06-00283	pumps 100WP200 KW 30 HEAD 37 (M) FLOW (L/S) 43.1 RPM 2880	10	
02-06-00284	pumps 80WP 160 KW 15 HEAD 24 (M) FLOW (L/S) 30 RPM 2880	10	
02-06-00285	pumps 1 ½ TM2 KW 15 HEAD 132.5 (M) FLOW (L/S) 2.5 RPM 2880	5	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00286	pumps 40WP 200 KW 11 HEAD 45 (M) FLOW (L/S) 7.57 RPM 2880	10	
02-06-00287	pumps 40WP 200 KW 11 HEAD 55 (M) FLOW (L/S) 4.36 RPM 2880	10	
02-06-00288	pumps 1 ¼ TM43 KW 7.5 HEAD 68.6 (M) FLOW (L/S) 2.25 RPM 2880	5	
02-06-00289	pumps 4L1 KW 5.5 HEAD 9 (M) FLOW (L/S) 30.61 RPM 1440	10	
02-06-00290	pumps 100WP200 KW 4 HEAD 11 (M) FLOW (L/S) 17.42 RPM 1440	10	
02-06-00291	pumps 1 ¼ TM22 KW 4 HEAD 83.3 (M) FLOW (L/S) 1 RPM 2880	15	
02-06-00292	pumps 3L1 KW 3 HEAD 8 (M) FLOW (L/S) 15.86 RPM 1440	10	
02-06-00293	pumps 3dv2 KW 3 RPM 2880	10	
02-06-00294	pumps 32wp160 KW 1.5 HEAD 14.6 (M) FLOW (L/S) 2.25 RPM 2880	10	

SECTOR: Health  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00295	ELECTRICAL FORK LIFT (2 TON) 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	300	
02-06-00296	ELECTRICAL FORK LIFT (1 TON) 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	300	

SECTOR: Health  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00297	FORK LIFT (3 TON) 1. DIESEL ENGINE 4 CYLINDER WATER COOLED 2. BATTERY 12V 3. NORMAL HYDRAULIC GEAR 4. MAX HEIGHT 3.5M	100	
02-06-00298	FORK LIFT (1 TON) FORK LIFT (1 TON) 1. DIESEL ENGINE 4 CYLINDER WATER COOLED 2. BATTERY 12V 3. NORMAL HYDRAULIC GEAR 4. MAX HEIGHT 3.5M	100	
02-06-00299	MEDICINES CARRYING TRUCKS: A- BASIC VEHICLE: 1. ENGINE: DIESEL ENGINE WATER COOLED 2. TRANSMISSION: MANUAL FLOOR SHIFT 3. CLUTCH: HYDRAULIC CONTROL SINGLE DRY PLATE WITH AIR PRESSURE ASSISTANCE 4. SUSPENSIONS: FRONT: LAMINATED LEAF SPRINGS WITH SHOCK ABSORBERS: REAR: FRONT: LAMINATED LEAF SPRINGS WITH SHOCK ABSORBERS 5. SUFFICIENT TO CONTROL THE VEHICLES IN THE PARKING SUPPLIED WITH AIR OVER HYDRAULIC WITH DUAL CIRCUIT 6. ELECTRICAL SYSTEM: 24V 120AMP 7. INSTRUMENT PANEL: ALL MEASUREMENTS AND GAUGES IN METRIC SYSTEM 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 REAR WHEELS: DOUBLE IN EACH SIDE	700	
	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- LOADING CAPACITY:		
	FIRST OPTION LOADING CAPACITY (2-4) TON	25	
	SECOND OPTION LOADING CAPACITY (5-7) TON	250	
	THIRD OPTION LOADING CAPACITY (8-10) TON	25	



SECTOR: Health  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	C-ACCESSORIES: EACH VEHICLE (TRUCK) SUPPLY WITH THE FOLLOWING: 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		
02-06-00300	TRUCKS: C- BASIC VEHICLE: 1- ENGINE: DIESEL ENGINE WATER COOLED 2. TRANSMISSION: MANUAL FLOOR SHIFT 3. CLUTCH: HYDRAULIC CONTROL SINGLE DRY PLATE WITH AIR PRESSURE ASSISTANCE 4. SUSPENSIONS: FRONT: LAMINATED LEAF SPRINGS WITH SHOCK ABSORBERS: REAR: FRONT: LAMINATED LEAF SPRINGS WITH SHOCK ABSORBERS 5. SUFFICIENT TO CONTROL THE VEHICLES IN THE PARKING SUPPLIED WITH AIR OVER HYDRAULIC WITH DUAL CIRCUIT C- ELECTRICAL SYSTEM: 24V 120AMP 7. INSTRUMENT PANEL: ALL MEASUREMENTS AND GAUGES IN METRIC SYSTEM 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	700	
	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-CONDITIONING SYSTEM (COOLING, HEATING AND VENTILATION)		
	B- LOADING CAPACITY: 12.EQUIPMENT'S: THE VEHICLES (TRUCKS) IT PROVIDES WITH ALL ACCESSORIES THAT ARE CONCERNING WITH WORK OF THE TRUCK		
	FIRST OPTION LOADING CAPACITY (3-4) TON	50	

SECTOR: Health  
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CODE	DESCRIPTION	QTY	UNIT
	SECOND OPTION LOADING CAPACITY (5-6) TON	100	
	THIRD OPTION LOADING CAPACITY (8-12) TON	100	
	C-ACCESSORIES: EACH VEHICLE (TRUCK) SUPPLY WITH THE FOLLOWING: FAST SPARE PART: AUTO JACK WITH HANDLE AND WHEEL WRENCH HAZARD TRIANGLE		
02-06-00301	AMBULANCE PARTITION BETWEEN DRIVER'S 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. 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 THICKNESS AND REINFORCEMENT. FLOORING HIGH QUALITY FLOORING MATERIAL CEMENTED TO A SUITABLE TYPE OF WOOD WITH ALUMINUM MOLDING.	400	

SECTOR: Health  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	<p>MEDICINE CABINETS            THE LEFT WALL OF THE PATIENT'S COMPARTMENT IS TO BE PARTITIONED INTO ENCLOSED STORAGE CABINETS. COMPARTMENT SPACE AND SHELF SPACE TO BE CONVENIENTLY LOCATED FOR MEDICAL SUPPLIES, DEVICES AND INSTALLED SYSTEM AD APPLICABLE FOR THE SERVICE INTENDED. CABINETS ARE TO BE EASILY OPENED WITH SHATTERED-PROOF TRANSPARENT SLIDING DOOR THE WALL IS TO BE NOT MORE THAN 30 INCHES HIGH. REMOVAL OF CABINET IS TO BE EASY TO FACILITATE BODY REPAIR IN CASE OF AN ACCIDENT.</p> <p>TECHNICIAN SEAT - FRONT            PROVISION OF A TECHNICIAN SEAT AT THE FRONT OF THE PATIENT'S COMPARTMENT.</p> <p>TECHNICIAN SEAT-REAR            PROVISION OF A TECHNICIAN SEAT AT THE FOOT OF THE PATIENT'S ON THE RIGHT END SIDE.</p> <p>INSIDE LIGHTING SYSTEM            THE PATIENT'S COMPARTMENT ELECTRICAL SYSTEM IS TO BE SEPARATED FROM THE TRUCK.</p>		

SECTOR: Health  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	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 CRESCENT IN ARABIC ONE ON EACH SIDE, ONE ON THE REAR, AND ONE ON THE FRONT RESUSCITATION EQUIPMENT - TWO OXYGEN BOTTLES, EACH OF 500 LITTER CAPACITY SECURED WITHIN THE LEFT WALL CABINTRY. - TWO SPARE OXYGEN BOTTLES OF 500 LITTER CAPACITY IN STOWAGE CABIN. - ONE SET OF ENGLISH BULL NOSE VALVE YOKE, PRESSURE REGULATOR WITH GAUGE FLOW METER AND HUMIDIFIER BOTTLE. - 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	EACH
	OXYGEN FLOW METER /REGULATOR	1	EACH
	HUMIDIFIER	1	EACH
	PORTABLE OXYGEN KIT		
	ONE PORTABLE OXYGEN KIT COMPETE WITH REGULATOR AND SUPPLIES.	1	
	RESUSCITATOR COMPLETE WITH CYLINDER.	1	EACH
	RESTRAINING STRAP FOR RESUSCITATOR.	1	EACH

SECTOR: Health  
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 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	<p>SUCTION SYSTEM            ONE VACUUM APPARATUS INCLUDING AN ELECTRIC DRIVEN PUMP with rechargable battery</p> <p>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.</p> <p>AIR SPLINTS            ONE SET OF AIR SPLINT FOR EACH OF THE UPPER AND lower LIMBS.</p> <p>STRETCHER            WHEEL STRETCHER WITH ADJUSTABLE BACK AND FOOT RESTS WITH SIDE HANDLES, COMPLETE WITH MATTRESS AND COVER.</p>		

SECTOR: Health  
 Subsector:  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	<p>SPARE STRETCHER            FOLDING COLLAPSIBLE STRETCHER WITH SUPPORTING SPREADER BARS AND VINYL COATED NYLON FABRIC.            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.            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 BUMPER.</p>		
	<p>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 ROOF.            WIRELESS EQUIPMENT: EACH AMBULANCE EQUIPPED WITH RADIO (WIRELESS COMMUNICATION DEVICE).            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 AND BATTERY.</p>		

SECTOR: Health  
 Subsector:  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	AIR CONDITIONING SYSTEM: AIR-CONDITIONER AND HEATER FOR BOTH DRIVER AND PATIENT COMPARTMENTS. 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 THE FOLLOWING TYPES: -ELECTRONIC SIREN WITH PUBLIC ADDRESS SYSTEM OF 100WATTS OUT-PUT POWER. BEACON : TWO REVOLVING DOME TYPE BEACONS LONGITUDINAL A LONG THE WIDTH ON THE FRONT ROOF -SPEAKER: 100 WATTS SPEAKER INSTALLED INSIDE ENGINE COMPARTMENT.		
	ACCESSORIES: AUTO JACK WITH HANDLE and WHEEL WRENCH. TOOL KIT BAG. HAZARD WARNING TRIANGLE FIRE EXTINGUISHER. -MISCELLANEOUS: THE FOLLOWING IS TO BE SUBMITTED TWO WEEKS AFTER ORDER CONFIGURATION: -WORKSHOP MANUALS (2 COPIES IN ENGLISH). -SPARE PARTS CATALOGUES (2 COPIES IN ENGLISH). -RECOMMENDED SPARE PARTS LIST (DETAILS OF THE LIST ARE TO BE AGREED UPON). FAST MOVING PARTS for EACH VEHICLE. -TRAINING FOR 3 ENGINEERS. optional rquipments schedule ambulance		
	VACUUM MATTERS WITH CARRYING HANDLES.	1	EACH
	PUMP FOR VACUUM MATTRESS	1	EACH
	FOLDING STRETCHER	1	EACH
	INFLATABLE SPLINTS, SET OF 4 IN WALLET.	1	EACH
	ANALGESIC UNIT.	1	EACH
	NITRONOX CYLINDER (LIGHT WEIGHT)	1	EACH
	URINAL, MALE.	1	EACH
	URINAL, FEMALE.	1	EACH
	ORTHOPEDIC SCOOP STRETCHER	1	EACH
	BRACKETS FOR SCOOP STRETCHER.	1	EACH
	HEAPED AND HARDNESS SET FOR SCOOP STRETCHER.	1	EACH
	ASPIRATOR, MANUAL	1	EACH
	AMBULANCE CHAIR	1	EACH

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	BRACKET FOR AMBULANCE CHAIR	1	EACH
	FIRST AID KIT COMPLETE WITH CASE.	1	EACH
	PENLIGHT	1	EACH
	BEDPAN	1	EACH
	ANEROID SPHYGMOMANOMETER	2	EACH
	STETHOSCOPE.	2	EACH
	OTOSCOPE.	1	EACH
	THOUGHT CUT SCISSORS.	1	EACH
	SEMI AUTOMATIC DEFIBRILLATOR /MONITOR	1	EACH
	SECURING DEVICE FOR DEFIBRILLATOR /MONITOR	1	EACH
	ARTERY FORCEPS (SPENCER WELLS)	1	EACH
	DISSECTING FORCEPS, PLAIN	1	EACH
	SCISSORS BANDAGE.	1	EACH
	THERMOMETER	1	EACH
	NON WOVEN ACRYLIC BLANKET 60"X80" APPROX.	1	EACH
	CELLAR BLANKET UNBLEACHED 60"X80" APPROX.	2	EACH
	FOAM PILLOW, PCV COVERED	2	EACH
	VACUUM FLASK STAINLESS STEEL 1 LITTER.	2	EACH
	RESTRAINING STRAP FOR VACUUM FLASKS	1	EACH
	OXYGEN CYLINDER, BULL NOSE (SIZE F)	1	EACH
	OXYGEN FACE MASK	1	EACH
	GREEN BUBBLE 30 FOOT ROLL	2	EACH
02-06-00302	<p>ACCIDENT EMERGENCY AMBULANCE PARTITION            BETWEEN DRIVER'S 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.            PARTITION WINDOW            LARGE, DOUBLE SLIDING SAFETY GLASS CENTRAL WINDOW            DOUBLE SLIDING SAFETY GLASS WINDOW BEHIND DRIVER CABINET ITS HEIGHT HALF INSIDE HEIGHT OF ROOF HEIGHT.            PATIENT'S COMPARTMENT            THE PATIENT'S COMPARTMENT IS TO BE FULLY INSULATED.            ROOF HEIGHT            INSIDE HEIGHT NOT LESS THAN 1900MM WITHOUT THE THICKNESS AND REINFORCEMENT.            FLOORING            HIGH QUALITY FLOORING MATERIAL CEMENTED TO A SUITABLE TYPE OF WOOD WITH ALUMINUM MOLDING.</p>	200	



SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	<p>MEDICINE CABINETS            THE LEFT WALL OF THE PATIENT'S COMPARTMENT IS TO BE PARTITIONED INTO ENCLOSED STORAGE CABINETS. COMPARTMENT SPACE AND SHELF SPACE TO BE CONVENIENTLY LOCATED FOR MEDICAL SUPPLIES, DEVICES AND INSTALLED SYSTEM AD APPLICABLE FOR THE SERVICE INTENDED. CABINETS ARE TO BE EASILY OPENED WITH SHATTERED-PROOF TRANSPARENT SLIDING DOOR THE WALL IS TO BE NOT MORE THAN 30 INCHES HIGH. REMOVAL OF CABINET IS TO BE EASY TO FACILITATE BODY REPAIR IN CASE OF AN ACCIDENT.            TECHNICIAN SEAT - FRONT            PROVISION OF A TECHNICIAN SEAT AT THE FRONT OF THE PATIENT'S COMPARTMENT.</p>		
	<p>PROVISION OF A TECHNICIAN SEAT AT THE FRONT OF THE PATIENT'S COMPARTMENT.            TECHNICIAN SEAT-REAR            PROVISION OF A TECHNICIAN SEAT AT THE FOOT OF THE PATIENT'S ON THE RIGHT END SIDE.            INSIDE LIGHTING SYSTEM            THE PATIENT'S COMPARTMENT ELECTRICAL SYSTEM IS TO BE SEPARATED FROM THE TRUCK.            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 CRESCENT IN ARABIC ONE ON EACH SIDE, ONE ON THE REAR, AND ONE ON THE FRONT</p>	488	

SECTOR: Health  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	<p>RESUSCITATION EQUIPMENT</p> <ul style="list-style-type: none"> <li>- TWO OXYGEN BOTTLES, EACH OF 500 LITTER CAPACITY SECURED WITHIN THE LEFT WALL CABINTRY.</li> <li>- TWO SPARE OXYGEN BOTTLES OF 500 LITTER CAPACITY IN STOWAGE CABIN.</li> <li>- ONE SET OF ENGLISH BULL NOSE VALVE YOKE, PRESSURE REGULATOR WITH GAUGE FLOW METER AND HUMIDIFIER BOTTLE.</li> <li>- THREE OXYGEN MASKS, ONE FOR EACH ADULT CHILD AND INFANT.</li> <li>- THREE PLASTIC NASAL CANNULAS, TWO ADULT AND ONE CHILD.</li> <li>- FOUR OXYGEN CATHETERS, TWO OF EACH NO.10F.</li> </ul> <p>ONE MOUTH TO MOUTH VENTILATION MASK</p> <p>PORTABLE OXYGEN KIT</p> <p>ONE PORTABLE OXYGEN KIT COMPETE WITH REGULATOR AND SUPPLIES.</p> <p>SUCTION SYSTEM</p> <p>ONE VACUUM APPARATUS INCLUDING AN ELECTRIC DRIVEN PUMP.</p>		
	<p>FIRST AID EQUIPMENT</p> <p>A BOX IS TO BE PROVIDED CONTAINING THE FOLLOWING:-</p> <ul style="list-style-type: none"> <li>TWENTY PRE- LOCALIZED PADS</li> <li>TWELVE COMPRESSIVE BANDAGES</li> <li>- FOUR 10CM ELASTIC STRIPS.</li> <li>- SIX GAUZE BANDEAUS, THREE OF 75MM AND THREE OF 150MM.</li> <li>- TWENTY GAUZE PADS 10CM BY 10CM, INDIVIDUALLY WRAPPED.</li> <li>- TWO 5CM ANTI-ALLERGIC ROLLS OF ADHESIVE TAPE.</li> <li>FIFTEEN TONGUE DEPRESSORS INDIVIDUALLY WRAPPED.</li> <li>- ONE 100 ML BOTTLE CONTAINING CHLOREXIDINE BASE DISINFECTANT.</li> </ul> <p>AIR SPLINTS</p> <p>ONE SET OF AIR SPLINT FOR EACH OF THE UPPER AND LIMBS.</p>		

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	<p>STRETCHER            WHEEL STRETCHER WITH ADJUSTABLE BACK AND FOOT RESTS WITH SIDE HANDLES, COMPLETE WITH MATTRESS AND COVER.            SPARE STRETCHER            FOLDING COLLAPSIBLE STRETCHER WITH SUPPORTING SPREADER BARS AND VINYL COATED NYLON FABRIC.            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.            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 BUMPER.</p>		
	<p>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 ROOF.            WIRELESS EQUIPMENT: EACH AMBULANCE EQUIPPED WITH RADIO (WIRELESS COMMUNICATION DEVICE).            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 AND BATTERY.            AIR CONDITIONING SYSTEM: AIR-CONDITIONER AND HEATER FOR BOTH DRIVER AND PATIENT COMPARTMENTS.</p>		

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	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 THE FOLLOWING TYPES: -ELECTRONIC SIREN WITH PUBLIC ADDRESS SYSTEM OF 100WATTS OUT-PUT POWER. BEACON : TWO REVOLVING DOME TYPE BEACONS LONGITUDINAL A LONG THE WIDTH ON THE FRONT ROOF -SPEAKER: 100 WATTS SPEAKER INSTALLED INSIDE ENGINE COMPARTMENT.		
	-ACCESSORIES: AUTO JACK WITH HANDLE and WHEEL WRENCH. TOOL KIT BAG. HAZARD WARNING TRIANGLE FIRE EXTINGUISHER. -MISCELLANEOUS: THE FOLLOWING IS TO BE SUBMITTED TWO WEEKS AFTER ORDER CONFIGURATION: -WORKSHOP MANUALS (2 COPIES IN ENGLISH). -SPARE PARTS CATALOGUES (2 COPIES IN ENGLISH). -RECOMMENDED SPARE PARTS LIST (DETAILS OF THE LIST ARE TO BE AGREED UPON).		
	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	EACH
	PUMP FOR VACUUM MATTRESS	1	EACH
	FOLDING STRETCHER	1	EACH

SECTOR: Health  
 Subsector:  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	INFLATABLE SPLINTS, SET OF 4 IN WALLET.	1	EACH
	ANALGESIC UNIT.	1	EACH
	NITRONOX CYLINDER (LIGHT WEIGHT)	1	EACH
	URINAL, MALE.	1	EACH
	URINAL, FEMALE.	1	EACH
	ORTHOPEDIC SCOOP STRETCHER	1	EACH
	BRACKETS FOR SCOOP STRETCHER.	1	EACH
	HEAPED AND HARDNESS SET FOR SCOOP STRETCHER.	1	EACH
	RESUSCITATOR COMPLETE WITH CYLINDER.	1	EACH
	RESTRAINING STRAP FOR RESUSCITATOR.	1	EACH
	ASPIRATOR, MANUAL	1	EACH
	AMBULANCE CHAIR	1	EACH
	BRACKET FOR AMBULANCE CHAIR	1	EACH
	FIRST AID KIT COMPLETE WITH CASE.	1	EACH
	PENLIGHT	1	EACH
	BEDPAN	1	EACH
	ANEROID SPHYGMOMANOMETER	2	EACH
	STETHOSCOPE.	2	EACH
	OTOSCOPE.	1	EACH
	THOUGHT CUT SCISSORS.	1	EACH
	SEMI AUTOMATIC DEFIBRILLATOR /MONITOR	1	EACH
	SECURING DEVICE FOR DEFIBRILLATOR /MONITOR	1	EACH
	ARTERY FORCEPS (SPENCER WELLS)	1	EACH
	DISSECTING FORCEPS, PLAIN	1	EACH
	SCISSORS BANDAGE.	1	EACH
	THERMOMETER	1	EACH
	NON WOVEN ACRYLIC BLANKET 60"X80" APPROX.	1	EACH
	CELLAR BLANKET UNBLEACHED 60"X80" APPROX.	2	EACH
	FOAM PILLOW, PCV COVERED	2	EACH
	VACUUM FLASK STAINLESS STEEL 1 LITTER.	2	EACH
	RESTRAINING STRAP FOR VACUUM FLASKS	1	EACH
	OXYGEN CYLINDER, BULL NOSE (SIZE F)	1	EACH
	CYLINDER KEY	1	EACH
	OXYGEN FLOW METER /REGULATOR	1	EACH
	HUMIDIFIER	1	EACH
	OXYGEN FACE MASK	1	EACH
	GREEN BUBBLE 30 FOOT ROLL	2	EACH

SECTOR: Health  
 Subsector:  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00303	<p>CLINIC AMBULANCE            (INTENSIVE CARE UNIT AND MOBILE THEATRE)            A- BASIC VEHICLE            1. ENGINE:- 4 or 6 or 8 clyinder                PETROL ENGINE                WATER COOLED            2. TRANSMISSION:- MANUAL GEAR BOX                FLOOR SHIFT            3. STEERING:- POWER STEERING                LEFT HAND DRIVE            4. ELECTRICAL EQUIPMENT'S:- 12- VOLT BATTERY            ANTENNA            INSTALLATION OF RADIO ANTENNA IN EACH AMBULANCE AT            THE ROOF.            WIRELESS EQUIPMENT: EACH AMBULANCE EQUIPPED WITH            RADIO (WIRELESS COMMUNICATION DEVICE).            5. SUSPENSION: HEAVY DUTY            6. TIRES:- HIGH QUALITY WITH TUBES            7. ACCESSORIES:-FIRE EXTINGUISHER            JACK</p>	70	
	<p>WHEEL WRENCH            TOOL KIT                FAST MOVING PARTS            B- PATIENT COMPARTMENT            1- RISE ROOF MORE THAN 1900MM INSIDE            2- HYDRAULIC STRETCHER (AS A TABLE OF THEATRE)            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: IN SIDE THE UNIT A FIXED SOURCES            OF LIGHT USE FOR THE OPERATION IN THE UNIT SIDE            MOVE FOR ALL DIRECTION AS NEED (LIKE OPERATIVE            THEATRE)            5- EQUIPMENT FOR OXYGEN SUPPLY WITH SET FOR GIVING            THE O2 COMPLETE (5 BOTTLE -2 BOTTLE 5000L +3 BOTTLE            500L)            6- ELECTRICAL SUCKER COMPLETE WITH ADDITIONAL PARTS            PUT IN THE RIGHT SIDE OF THE UNIT (NEAR THE RIGHT            HAND OF THE LIGHT)(portable with rechargable            battery)</p>		

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	7- AIR CONDITIONING AND HEATING EMT 8- BOTTLE HOOKS 3 PARTS OF HOOKS IN THE ROOF FOR THE FLUID & BLOOD TRANSFUSION 9- STORE FOR THE MEDICAL DRUGS & INSTRUMENTS ALONG THE SPACE IN SIDE THE UNIT IN TWO SIDE RIGHT & LEFT WITH WASH BASIN IN THE LEFT CORNER OF THE UNIT 10- OXYGEN BOTTLE 5-7 500L & TWO MAIN SOURCES - BIG BOTTLE IN THE INSIDE UNIT (5000L) PUT IN DIFFERENT PRESS AS POSSIBLE 11- COMPLETE OXYGEN SET 12- ANAESTHETIC MACHINE COMPLETE holding 13-INTENSIVE CARE UNIT - MONITOR WITH DC. SHOCK (COMPLETE) + ECG+SPO2+NIBA+Paecmaker 14- ELECTRICAL SUCKER (COMPLETE) FIXED AT RIGHT HAND OF THE EMT(portable with UPS) 15- REFRIGERATOR FOR BLOOD STORAGE (MEDIUM SIZE ) 16- SOURCE FOR OXYGEN READY FOR USE IN THE ROOF AT BOTH SIDES OF INSIDE THE UNIT		
	C- ADDITIONAL SUPPLIES: 1- KIT-SET CONTAINING ALL INSTRUMENTS NEED FOR INTENSIVE CARE & ANAESTHETIC SUPPLIES & INSTRUMENTS SET WITH MASK OF 3 SIZE & ALL OTHER INSTRUMENT & SPHEGMAMONTER & STETHOSCOPE & OTHER SUPPLY COMPLETE 2- KIT FOR PORTABLE OXYGEN & COMPLETE ADDITIONAL PARTS FOR GIVING THE OXYGEN 3- SUCKER HAND & FOOT SUCKERS 4- AIR SPLINT FOR FRACTURES UPPER &LOWER LIMBS 2 SET FOR EACH 5- OXYGEN BOTTLE SPARE 5 BOTTLE 500 L 6- STRETCHER SPARE		

SECTOR: Health  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	6- STRETCHER SPARE 1 RULING TYPES 1 FOLDING TYPES 1 PART SCOPE STRETCHER 1 AIR STRETCHER 7- KIT FOR FIRST AIDE CONTAINS COMPLETE INSTRUMENT FOR MINOR OPERATION & COMPLETE SET FOR BANDYING WITH SPHEGMONOMETER AND STETTUSCOPE 8- ULTRA VIOLET LIGHT INSTRUMENT FOR STERILIZATION UNIT & ANY OTHER THING FOR STERILIZATION SUITABLE IN THE UNIT 9- portable intensive care ventilator with UPS and patient cercuit 10- laryngeal mask (small ,medium, large) 11- 2 bottel for N2O with resulator and fitting to the anaesthetic machine 12- O2 regulator with fitting to the anaesthetic machine (qty 2) 13- O2 regulator with flow meter and humidifier for O2 mask therapy		
02-06-00304	EQUIPMENT: RADIO (WIRELESS) COMMUNICATION NET WORK FOR EMERGENCY AMBULANCE CALLS. CONSISTING OF THE FOLLOWING:- - ALL NETWORK SYSTEM OPERATE IN FREQUENCY (420 MHZ-470MHZ) NETWORK SYSTEM OPERATE WITH CODING - DECODING DEVICE - ALL NECESSARY ANTENNA FOR THE FOLLOWING STATIONS WITH MAST (IF REQUIRED): CENTRAL STATION WITH DESK CONTROL AND UPS FOR 6 HOURS OPERATION: - TO OPERATE ALL CHANNELS FROM ANY DESK. - DISPLAY FOR CODING AND DECODING SYSTEM - DIGITAL CLOCK - LAMPS FOR RECEIVING, TRANSMITTING AND STAND BY. - SEMI-DUPLEX OPERATION (PUSH TO TRANSMIT) - RF OUTPUT POWER SUFFICIENT TO COVER AN AREA 100 KM DIAMETER.	10	SYSTEM
	FIXED STATION (8 CHANNELS): - TO COMMENCE WITH CENTRAL STATIONS AND OTHER FIXED STATIONS OR HANDY STATION. - RF OUT PUT POWER NOT LESS THAN (10 RF WATTS) - UPS FOR 6 HOURS OPERATION - EXTRA LAUD SPEAKER.	150	



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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	MOBILE STATIONS (AS FIXED STATION ABOVE) EXCEPT UPS	200	
	HANDY STATION (WALK TALKY) TO COMMENCE WITH CENTRAL STATION and ALL OTHER STATIONS	50	
	RECORDER SYSTEM - FOR RECORDING ALL MESSAGES DURING 24 HR. - ALL OPTIONS FOR ABOVE ITEMS - INSTALL ALL SYSTEM BY THE SUPPLIER 2 YEARS WARRANTY (SPARE + MEN POWER) 3 YEARS MAINTENANCE MEN POWER ONLY TRAINING FOR 4 FROM OUR TECHNICAL STAFF FOR 3 WEEKS FREE OF CHARGE. * SPARE PARTS LIST WITH ITEM PRICE * FULL CATALOGS (OPERATING AND MAINTENANCE WITH CIRCUIT DIAGRAM WITH EACH UNITS).	10	
02-06-00305	EQUIPMENT: WHEEL LOADER (1-2M3) BUCKET DRIVER CABINS: FOLDING DOOR, THE LOCKING IS ASSURED ON AN OPEN POSITION. GLASS MADE OF SECURITY TYPE, THE SUSPENSION REDUCES SOUND VIBRATION. AIR-CONDITIONING DEVICE FOR DRIVER CABINS. ENGINE: DIESEL ENGINE WATER-COOLED GEAR BOX: INTEGRAL POWER SHIFT. MOVING SPEEDS: SPEEDS IN KM/H ELECTRIC EQUIPMENT: 24 VOLT 120 AMP AXLES: FOUR WHEEL DRIVE: FRONT AXLE AND REVERSE AXLE. TIRES: HIGH QUALITY BRAKES: HYDRAULIC SERVO BRAKES PARK-ING BRAKES: DRUMS ON THE GEAR BOX. STEERING: STEERING TOTALLY HYDRAULIC WITH CLOSED NEUTRAL POSITION. HYDRAULICS: HYDRAULIC OPERATING WITH A DRIVE GEAR.	300	

SECTOR: Health  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00306	EQUIPMENT: ELEVATING WORK PLAT FORM ON TRUCK BASIC VEHICLE: 1.ENGINE: DIESEL ENGINE WATER COOLED 2.TRANSMISSION: MANUAL FLOOR SHIFT 3.CLUTCH:HYDRAULIC CONTROL SINGLE DRY PLATE WITH AIR PRESSURE ASSISTANCE 4.SUSPENSIONS: FRONT: LAMINATED LEAF SPRINGS WITH SHOCK ABSORBERS: REAR: FRONT: LAMINATED LEAF SPRINGS WITH SHOCK ABSORBERS 5.SUFFICIENT TO CONTROL THE VEHICLES IN THE PARKING SUPPLIED WITH AIR OVER HYDRAULIC WITH DUAL CIRCUIT 6.ELECTRICAL SYSTEM: 24V 120AMP 7.INSTRUMENT PANEL: ALL MEASUREMENTS AND GAUGES IN METRIC SYSTEM 8.FRAME: PARALLEL, TAPERED CHANNEL SECTION TYPE WITH CROSS MEMBERS AND REINFORCEMENTS	20	
	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 REAR WHEELS: DOUBLE 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 NOT LESS THAN 200 KG, HEIGHT NOT LESS THAN 10 METERS, HYDRAULIC CONTROL, SAFETY CONTROLS, SUITABLE TO REPAIR ELEVATED WINDOWS, EQUIPMENT AND LAMP POSTS, ETC.		

SECTOR: Health  
 Subsector:  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00307	<p>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)</p>	150	
	<p>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 MECHANICAL WAY DRIVEN BY THE GEAR BOX OF THE VEHICLE.            AND IN ANOTHER WAY WE CAN USE IT BY ELECTRICAL WAY DRIVEN BY ELECTRICAL MOTOR DEPENDING ON THE ELECTRIC POWER OF THE VEHICLE.            NOTE-2- THE VEHICLE SHOULD BE SUPPLIED WITH ALL THE TOOLS NECESSARY FOR TOWING AND DRAWING AND LIFTING THE UNPREPARED CAR.            C. ACCESSORIES:            1. THE VEHICLE SHOULD PROVIDE WITH AUTO JACK AND FIRE EXTINGUISHER.            2. BOOKLET OF OWNER'S MANUAL (ENGLISH COPY).</p>		

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00308	EQUIPMENT: MOBILE CRANE MOBILE CRANE, TELESCOPIC, FULLY HYDRAULIC, (20-30) TONS LOAD NOMINAL. CARRIER PART: ENGINE: DIESEL, WATER-COOLED, COMPLETE WITH ACCESSORIES, JACKS, EXTENSIONS, TOOLS. TRANSMISSION: GEAR BOX, POWER SHIFT TIERS: HIGH QUALITY STEERING: HYDRAULIC SERVO- STEERING BRAKES: SERVICE BRAKE: SERVO- BRAKE WITH COMPRESSED AIR ACTING ON ALL THE WHEELS. DRIVER CABIN: MADE OF PLATE-STEEL RUBBER SUSPENSION, GLASS SECURITY WINDOWS, CONTROL INSTRUMENTS, ADDITIONAL SEAT FOR PASSENGER, AIR- CONDITIONING DEVICE. 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 CONTROL INSTRUMENTS. ELECTRIC EQUIPMENT: 24 VOLTS,120 AMP.	100	
02-06-00309	EXCAVATOR, SMALL SIZE DRIVER CABINS: FOLDING DOOR, THE LOCKING IS ASSURED ON AN OPEN POSITION. GLASS MADE OF SECURITY TYPE, THE SUSPENSION REDUCES SOUND VIBRATION. EARTH AND CONCERT DIGGING AND EXCAVATOR, SMALL MOBILE SIZE, DIESEL ENGINE, WATER-COOLED. FIELD TRUCK SUITABLE FOR DIGGING BURIED PIPES AND CABLES. TIERS: HIGH QUALITY ELECTRIC EQUIPMENT: 24 VOLTS, 120 AMP	50	

SECTOR: Health  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00310	MOBILE DEAD BODY SPECIFICATION FOR MOBILE DEAD BODY CARRIER BASIC VEHICLES. 1- ENGINE: PETROL ENGINE WATER COOLED 2- TRANSMISSION: MANUAL GEAR BOX - FLOOR SHIFT 4- BRAKE: DUAL- CIRCUIT HYDRAULIC BRAKE WITH VACUUM BOOSTER- SELF ADJUSTING MECHANICAL PARKING BRAKE 5- STEERING: POWER STEERING LEFT HAND DRIVE 6- FUEL TANK: 80 LITTER 7- BATTERY: 12 VOLT/ 75 AH ALTERNATOR: 14V/90A STATOR: 1.2KW 8- TIRES: HEAVY DUTY WITH TUBES 9- AIR CONDITION AND HEATING FOR DRIVER CABIN 10- ALL GANGES IN METRIC SYSTEM 11- PAINT: BLACK 12- ANTENNA	300	
	INSTALLATION OF RADIO ANTENNA IN EACH AMBULANCE AT THE ROOF. WIRELESS EQUIPMENT: EACH AMBULANCE EQUIPPED WITH RADIO (WIRELESS COMMUNICATION DEVICE). B- DEAD BODIES COMPARTMENTS TO BE COOLED BY A SUITABLE COOLING SYSTEM THAT MAINTAINED TEMPERATURE OF (10C) AT AN AMBIENT TEMPERATURE OF (55C) AND THE COOLING DEVICE IS SEPARATED FROM THE CAR ENGINE SHOULD BE FULLY ISOLATED FROM DRIVE CABINET FLOORING AND LINING OF SIDE WALL SHOULD BE OF CORROSION RESISTANT METAL OF SUITABLE THICKNESS JOINTS SHOULD BE WATER PROOF FOR CLEANING PURPOSES COMPART-MENT IS TO BE SUFFICIENTLY LIGHTED COMPARTMENT IS TO BE EQUIPPED WITH AN EXHAUST FAN. 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. C- ACCESSORIES: JACK WITH HANDLE AND WHEEL RANCH FIRE EXTINGUISHER REPAIR TOOL KIT OWNERS MANUAL (ENGLISH COPY)		

SECTOR: Health  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00311	VEHICLE PICK-UP SINGLE CABIN 1. PETROL 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 FOR DRIVER CABIN (HEATING AND COOLING) 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 ONE INSIDE 10. ACCESSORIES: TO BE EQUIPPED WITH JACK + WHEEL WRENCH + HAZARD TRIANGLE + TOOL KITS + FAST MOVING PARTS . WITH THE VEHICLE AND ANY EQUIPMENT'S CONCERNING THE JOB OF THIS CAR.	600	
	11. LOADING CAPACITY: FROM (1-2) TONS 12. ALL MATERIALS INSERTED IN THE CONSTRUCTION OF THIS CAR IT WILL BE OF HIGH QUALITY (ROOD, SHACKLE, GOODS COVER) 13. MAINTENANCE FOR ALL VEHICLES FOR TWO YEARS ON ACCOUNT OF THE COMPANY WITH TRAINS FOR ENGINEERS AND TECHNICIANS (5PERISON) FOR ONE MONTH		

SECTOR: Health  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00312	<p>LAND CRUISER 4 WHEEL DRIVER</p> <p>1.PETROL ENGINE: ENGINE WATER COOLED</p> <p>2.MANUAL GEAR BOX, FLOOR SHIFT</p> <p>3.STEERING: POWER STEERING LEFT HAND DRIVE</p> <p>4.ELECTRICAL EQUIPMENT'S: BATTERY 12V, 60AMP, HEAVY DUTY</p> <p>5. AIR-CONDITIONING: TO BE EQUIPPED WITH EFFICIENT AIR-CONDITIONING SYSTEM FIT WITH OUR WEATHER (HEATING AND COOLING)</p> <p>6.SUSPENTION: HEAVY DUTY</p> <p>7.TIRES WITH TYPES SUITABLE FOR DIFFERENT ROADS (HIGH QUALITY)</p> <p>8. DOORS: TWO DOORS IN EACH SIDE OF THE VEHICLE WITH REAR DOOR</p> <p>9. MIRRORS: TO BE EQUIPPED WITH 2 SIDES MIRRORS AND ONE INSIDE</p> <p>10. ACCESSORIES: TO BE EQUIPPED WITH JACK + WHEEL WRENCH AND HAZARD TRIANGLE AND ANY EQUIPMENT NECESSARY FOR JOB OF THIS VEHICLE</p> <p>11. MAINTENANCE FOR ALL VEHICLES FOR 2 YEARS ON A COUNT OF THE COMPANY WITH TRAINS FOR ENGINEERS AND TECHNICIANS (5PERISON) FOR ONE MONTH</p>	1,000	
02-06-00313	<p>HANDLING TRUCKS</p> <p>FOR BOXES CASE (UP TO 300KG) WITH TOE EXTENDED (FOLD UP TOE) 2 WHEELS WITH RUBBER TIRES</p>	500	
02-06-00314	<p>LIGHT ALLOY TROLLEYS</p> <p>WITH ONE REMOVABLE ENDS. 350KG CAPACITY PLATE FORM OF ALUMINUM SLATS INSERTED IN A BOLTED, REIN FORCED FRAME AND CASTORS (2 FIXED AND 2 SWIVEL)</p>	500	
02-06-00315	<p>HAND PALLET TRUCKS</p> <p>CAPACITY UP TO 3000 KG</p> <p>LIFTING: HYDRAULIC CONTROLLED BY HANDLE, RISE 120MM</p> <p>CONTROL HANDLE: RETURNS AUTOMATICALLY TO UPRIGHT POSITION.</p> <p>3 POSITION CONTROL HANDLE (RAISE, NEUTRAL, LOWER)</p> <p>WHEELS 200MM STEERING WHEELS AND SIMPLE 85MM NYLON LOAD BEARING ROLLERS.</p>	500	

SECTOR: Health  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00316	MOBILE LADDERS AND PLAT FORMS in ALUMINUM TREADS in NON SLIP STUDED SURFACE - PLATFORM IN ALUMINUM ALLOY, WITH NON SLIP STUDED SURFACE. GUARD RAIL ON 3 SIDES, 1 SERVING AS TOOL RACK HEIGHT 1M. - MAXIM PLAT FORM HEIGHT (3.5 METER) - BASE FITTING FRONT 100MM Ö SWIVEL CASTORS WITHOUT BRAKE.	500	
02-06-00317	TELESCOPIC ELEVATING WORK PLATE FORMS - CAPACITY 360 KG FOLDED UP ALUMINUM ALLOY CONSTRUCTION MOUNTED ON 4 SWIVEL CASTORS (WITH EXTENDED LEGS) - OPERATION: A HYDRAULIC SET INSTALLED AT THE BASE OF THE UNIT DRIVES 2 CYLINDERS (1 IN EACH MAST). - POWER SUPPLY 220V AC AND 12V DC (OPTION) - PLATE FORM DIMENSIONS 240 X 70 CM.	100	
02-06-00318	HIGH LIFT HAND PALLET TRUCKS 1000KG CAPACITY HIGH LIFT HAND PALLET TRUCKS 1000KG CAPACITY - 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	300	
02-06-00319	NICKEL - CADMIUM ACCUMULATORS (BATTERIES) 6 VOLT, 6 AH	200	
02-06-00320	CLOCK /GROGY TIMING OLD MODEL GT1/60C1		
	1- CENTRAL CLOCK SYSTEM	20	
	2- SINGLE FACE SLAVE CLOCK	1,200	
	3- DOUBLE FACE SLAVE CLOCK	240	
	4- SPARE PART FOR 5-YEARS	20	system
	5- COMPLETE CATALOGUES SET	24	
	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		



SECTOR: Health  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00321	SPECIFICATION OF AIRCONDITIONING WARE HOUSE (COLD STORE FOR DRUGS) FIRST : Supply and erection (40) prefabricated air conditioning warehouse with the following specification 1- storing at temp 16-20 C 2-APPROXIMATE BUILDING DIMENTION: 100 m length 32 m width 8.3 m hight 3- frame work and roofing a- main frames : the main frams will consist of hot rolled steel column , rafts without intermediate columns b- purlins and side rails: purlins and side rails will be cold rolled pre galvanised material complete with all sleeves sagbars struts and bracings c- ancillary steel work: the steel fram will be suppllied with all necessary gable steel work eavesties roof and vertical bracing door steel work and will be complete with foundation bolts and all erection bolts d-roofing:- single galvanised steel sheet 0.6 mm thick 45/250 profile poly esten coated with gutters 2mm thick golvanisid pressed steel down spout pipes high deusity pvc e- servic preparation and treatment : all steel work will be sheet blasted during fabrication and primed with one coat height build zinc phosphate pr:	100	

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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	<p>4-CEILING AND SIDE WALL CLADDING:</p> <p>a- insolated sandwich steel panel external and internal face 0.6 mm galvanised steel sheet ribbed with 4mm profile coated with 100 micron plastisol in standard color insulation 100 mm polyuerthene foam core density 40 kg/ m3 fixed with the maine fram</p> <p>d- doors : each store has 4 no. ( 3500mm X 4500 mm) manually operated golvanised steel sheet slide doors both side with insulation 100mm polyurethene and curtain</p> <p>e- an inter area 25X8 m in the front and back side of the store to keep the cold air provided with two doors (4000mmX4000mm) in each side and with curtain</p> <p>f-an office 4000mmX4000mmX2800mm inside each store from sandwich panal provided with split unit for air condtioning 2 TR with PVC floor tiles</p> <p>5- cold stor ( one pore each stor ) 200 m3 capacity prefabricated insulated panal 120mm polurethane density 40 kg/m3 . Tempreture range (0-4)C . Ambient temp 50C internal face 0.6 mm aluminum sheet external face 0.6mm galvanised steel sheet coated with plastisol 100 mm micron floor anti - slip aluminum ( jacker) tow cooling units</p>		

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CODE	DESCRIPTION	QTY	UNIT
	<p>6-AIR CONDITIONING INSTALLATION :            SUPPLY AND INSTALLED AIR COOLED PACKAGED WATER CHILLERS ONE STAND BY WITH CENTERFUGAL PUMPS AND AIR HANDLING UNITS AND CELLING FAN COIL . IN SIDE TEMP (16-20)C AMBIENT (EXTERNAL) TEMP 50C</p> <p>7- electrical installation :            a- transformer with suitable capacity and all high tension equipment and cabling            b- main switch board and distribution boards mounted out side the store            c- cabling / sub - circuits wiring            d- lighting : provided from florescent fitting (double flourescent ) 20 w/m2 with reflector (tld 36 w) for inside the store and hp sodium 250 w with fitting for outside</p> <p>8-fire alarm system : acomplete fire alarm system comprising break glass points on fire exit doors and sirens to give audibility throughout the building and with sensors ( smoke , heat , radiation ) with wire and cable complete with all necessary fitting and terminations ( control boarde)</p> <p>9-fire fitting system ( automatic sprinkler system) design manufacture deliver and installation of an automatic roof sprinklers system in each store including the following equipment per store and fire</p>		
	<p>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 boards            d- water storage tank enough for one hour made from galvamised steel            e- joky pump</p> <p>10- storage racking : storage racking type narrow aisel racking from galvanside steel hight 6100 mm ther pore allowing 6 pallet high stacking per bay the bay dimension is 2x1000 mm width x1200 mm deep the distance between racking (1700-1800)mm</p> <p>11- frok lift truck:</p>		

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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	<p>a-two frok lift per stor.for the racking rider electric reach truck which operates in narrow gang ways.(side laoiking)            capacity 1350 KG            lifting height 7000mm            tyres.driver/steer-cushion rubber            load/buthane/polyuretheue            width. max. 1600mm            battery 48V with charger them 8 hours 229/25V AC single phase 50HZ            b-two frok lift per stor / for loading and unloading from the truck            capacity 1350KG            liting hight 2500-3000mm with battery 24V            12-generator            one generator for each stor 500KVA            water cool, turdo charger,sound and whether proof container.            13-one electronic.digital (PABX),6 trunk,64 extension with all necessary equipment,UPS power suply MDF.and telephon set.</p>		
	<p>SECOND: general condition            1-the offer should include work shope drawing for foundation and mechanical ,electrical-fire fighting            2-one year waramty 1 spare parts and labour.            3-one year mainten ance labour only            4-foumdation will be don by the eliemnt according to your design and drawing            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>		
02-06-00322	<p>Telephone exchange system            Capacity :1000 line            10% of lines for special</p>	20	
02-06-00323	<p>Packaged unit air-conditioning 12 ton for lift room</p>	10	

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 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00324	Equipment: Multimedia projector 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	200	
02-06-00325	Equipment : Scanner -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	200	
02-06-00326	Equipment : notebook - intel pentium II 300 MHZ with MMX TECHNOLOGY - Intel mobil module (IMM) architure - 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	200	

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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00327	EQUIPMENT:ROOF - U Value Kcal/m2 hc: 0.55-0.74 - Weight/Kg/m2: 12.51 - Length/m: 6-9 - External face 0.63mm galvanised steel sheet 0.45mm profile coated with 25 microns superacrulic in standard colour. Iinternal face 0.63mm thick galvanised steel sheet ribbed with 4mm profile coated with 25micron suberacrylic in standard colour Insulation 30mm polyurethene foam core density 40-50KG/m3	#####	M2
02-06-00328	EQUIPMENT:WALLS - 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 profile coated with 25 micron superacrylic in standard colour. Insulation 30mm polurethene foam core. Density 40-45 Kg/m3	30,000	m2 with angle and Tee eleme nts
02-06-00329	Offset machine four colors size 72x102cm	15	
02-06-00330	Offset machine . four colors size 52x74cm with numbering system	15	
02-06-00331	Offset machine size 36x52cm four colors with numbering system	25	
02-06-00332	Camera photo for off set with drum scanning and all aceseries	6	
02-06-00333	Device Contact size :100 X 150	6	
02-06-00334	Stitching machine with four heads four size 20x25mm	20	
02-06-00335	Machine of tying string	15	
02-06-00336	Collection machine for all sizes	15	
02-06-00337	High speed paper cutter (width 115cm) with ten knives as spare	30	
02-06-00338	Inking operator for GTO machine size . 32 X 46 cm	20	
02-06-00339	Inking operator for GTO machine size: 35 X 52 cm	20	
02-06-00340	Numbering box letter press for 6 numbers back down	1,500	
02-06-00341	FILM ARTS GRAPHICS BLACK & WHITE		
	Size : 50 X 60 cm	1,500	
	100X70 CM	1,500	
	40 X 60 cm	1,500	
02-06-00342	Set . of light notes to dark notes that Return to picture .	5	set

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 Subsector:  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00343	plate pressing size : 102X71 cm	200	boxs each box
	52X74 cm	200	boxs each
	32X 46 cm	200	boxs each
02-06-00344	Blanket size : 102X71 cm	4,000	
	50X74CM	4,000	
	32X52 cm	4,000	
	32X46 cm	4,000	
02-06-00345	Under blanket size: 102X71 cm	4,000	
	52X74CM	4,000	
	32X52 cm	4,000	
	32X46 cm	4,000	
02-06-00346	Developer plate A & B	3,000	each
02-06-00347	Correction	200	bottl e
02-06-00348	Fixer	200	bottl e
02-06-00349	Ster lon sheet 100X70 cm	4,000	sheet
02-06-00350	Steel core for switching machine 22\19& 21\19	2,000	turni ng
	copper core for switching machine 22\19& 21\19	2,000	turni ng
02-06-00351	Cart bort 100 X70 cm , 240 g\m /white	20,000	band
	Cart bort 100 X70 cm , 240 g\m /green	20,000	band
	Cart bort 100 X70 cm , 240 g\m /blue	20,000	band
	Cart bort 100 X70 cm , 240 g\m /pink	20,000	band
02-06-00352	Cart bort 100 X 70 cm ,200 g\m /white	20,000	band
	Cart bort 100 X 70 cm ,200 g\m /green	20,000	band
	Cart bort 100 X 70 cm ,200 g\m /blue	20,000	band
	Cart bort 100 X 70 cm ,200 g\m /pink	20,000	band
02-06-00353	Cart bort 100 X70 cm ,180 g\m /white	20,000	band
	Cart bort 100 X70 cm ,180 g\m /green	20,000	band
	Cart bort 100 X70 cm ,180 g\m /blue	20,000	band
	Cart bort 100 X70 cm ,180 g\m /pink	20,000	band
02-06-00354	Paper 100 X 70 cm , 80 gm ,/white	20,000	band
	Paper 100 X 70 cm , 80 gm ,/white	20,000	band
	Paper 100 X 70 cm , 80 gm ,/white	20,000	band
02-06-00355	Inking off set (black)	2000 6000	set kg
02-06-00356	Inking letter (black)	1000 1000	kg
02-06-00357	Carbon papers 100X70 cm /white	5,000	band
	Carbon papers 100X70 cm /blue	5,000	band
	Carbon papers 100X70 cm /pink	5,000	band
	Carbon papers 100X70 cm /yellow	5,000	band

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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00358	EQUIPMENT: SUB - STATION SITE:SADDAM MEDICAL CITY STEPDOWN TRANSFORMER DELTA/ STAR 11000/400VOLT, 3500KVA, 50HZ, DRY TYPE, TOTALLY ENCLOSED, INDOOR MOUNTED AND SHALL BE BUILT IN ACORDANCE WITH THE LATEST SPECIFICATION OF BS AND\OR IEC 115 C RISE ABOVE 50 C AMBIANT , CAPABLE OF CARRYING 15% CONTINUOS OVERLOAD WITHOUT EXCEEDING A 150 C RISE	15	
02-06-00359	A COMPLETE HIGH VOLTAGE SUB-STATION CAPABLE OF FEEDING 3 TRANSFORMERS ; ONE SWITCHGEAR FOR EACH AND A MAIN INCOMMING FEEDER THE H.V SWITCHGEAR SHALL BE HORIZONTAL DRAW OUT C.B , INDOOR CONSTRUCTION, WEATHER PROOF , VOLTAGE RATTING 15 KV, SYSTEM VOLTAGE 11 KV, 3 PHASE, 3 WIRE, 50 Hz. DESIGNED MANUFACTURED AND TESTED ACCORDING TO THE BS AND\OR IEC CODE , WITH ALL PROTECTION AND METERING EQUIPMENTS , THE BREAKER SHAL BE OPERATED BY A MOTOR CHARGED SPRING THE STORED ENERGY MECHANISIM, 110 OR 24 VDC AND IN AN EMERGENCY BY A MANUAL HANDLE, THE SUB-STATION SHALL CONSISTS OF A DC CHARGER 110V OR 24V	10	
02-06-00360	MEDIUM VOLTAGE SWITCH BORD MAIN AND TIE CB, SHALL CONSIST OF 3-MAIN INCOMMING FEEDERS FROM THE TRANSFORMERS AND 9-OUTGOING FEEDERS TO FEED 9- CHILLERS OF 1508 AMP EACH, AND 2 TIE BREAKER AND SHALL BE INTERLOCKED WITH THE MAIN BREAKERS SO BOTH BREAKERS CAN NOT BE CLOSED SIMULTENEOUSLY. THE MAIN AND TIE CB'S SHALL BE THE FUSED DRAWOUT TYPE, MECHANICALY AND ELECTRICALY OPERATED AIR CB'S , WITH ALL PROTECTION AND METERING EQUIPMENTS , CALIBRATIONS AND ADJUSTMENTS SHALL BE IN ACCORDANCE WITH I.E.C STANDERDS	10	



SECTOR: Health  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00361	BUSWAYS 5000 AMP. RATING PROVIDE TOTALLY INCLOSED WEATHER PROOF LOW IMPEDANCE BUS WAYS BETWEEN TRANSFORMERS SECONDARIES AND M.V MAINSWITCH BORDS , COMPLETE WITH INCLOSURE , ELBOWS , FITTINGS SUPPORTS , HANGING DEVICES ,ACCESSORIES, CABLE TAP BOXES. BUSWAY SHALL BE 220/380 V , 3 PHASE ,4 WIRE , 50 Hz . BUSBARS SHALL BE COPPER FABRICATED FROM 98% CONDUCTIVITY COPPER ,SILVER PLATED OVER THE INTIRE LENGTH	200	METERS
02-06-00362	Field car ( 4WD a/c model 99 ) LAND CRUISER 4 WHEEL DRIVER 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-CONDITIONING SYSTEM FIT WITH OUR WEATHER (HEATING AND COOLING) 6.SUSPENTION: HEAVY DUTY 7.TIRES WITH TYPES SUITABLE FOR DIFFERENT ROADS (HIGH QUALITY) 8. DOORS: TWO DOORS IN EACH SIDE OF THE VEHICLE WITH REAR DOOR 9. MIRRORS: TO BE EQUIPPED WITH 2 SIDES MIRRORS AND ONE INSIDE 10. ACCESSORIES: TO BE EQUIPPED WITH JACK + WHEEL WRENCH AND HAZARD TRIANGLE AND ANY EQUIPMENT NECESSARY FOR JOB OF THIS VEHICLE 11. MAINTENANCE FOR ALL VEHICLES FOR 2 YEARS ON A COUNT OF THE COMPANY WITH TRAINS FOR ENGINEERS AND TECHNICIANS (5PERISON) FOR ONE MONTH	200	
02-06-00363	Photo copy machine	70	
02-06-00364	Overhead projector , LAMP 650 W , 25 25 cm	60	
02-06-00365	Television ( 39 inch )	60	
02-06-00366	Video camera ( VHS ) with accessories	60	
02-06-00367	Double- cassette recorder with amplifier	60	
02-06-00368	Video ( VHS ) with accessories	60	
02-06-00369	Photo Camera	60	
02-06-00370	Slide projector with all accessories	20	

SECTOR: Health  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00371	Assembly of video - tape equipment ( for recording , play - back & editing ) (VHS system)	10	
02-06-00372	Pentium I I -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 )	200	
02-06-00373	passenger bus for transportation of wheel chair patient capacity :- 6-10wheel chair aoutomatie door with hydrolic lifter for wheel chair diesel engine ,air condition, two ordinary seats and flat floor	10	Buses
02-06-00374	VACUM AIR	10	
02-06-00375	Telephone exchange system 2 out line x 20 in line	10	
02-06-00376	EQUIPMENT: Generator (1000KVA )	500	
	Generator (250KVA)	500	
	1500 KVA	30	
	750 KVA	60	
	550 KVA	250	
	150KVA	70	
	55 KVA	600	

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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	<p>Time delay On starting 0-60 second            On release 0-15 minutes</p> <p>Over load operation 10% for one hour</p> <p>The diesel engine, (know manufacturing origin ,first oil filling , water cooled with turbocharger intercooler for 500 KVA and above electronic speed governer )ls rigidly coupled with synchronous alternator (know manufacturing origin ,self exiting self regulating revolving field Brushles automatic voltage regulation) and mounted on a common base frame and probably connected electrically and mechanically to control panel which is designed for full automatic operation with status indication. The set engine and alternator and control panel is equipped with all accessories needed for sensing indicating warning metering protecting and supervision the flowing:</p> <ol style="list-style-type: none"> <li>1- starting failure</li> <li>2- over and under voltage</li> <li>3- over and under speed</li> <li>4- Oilpressure and temp.</li> <li>5- low fuel level</li> <li>6- Water pressure and temp.</li> <li>7- phase failure and sequence</li> <li>8- Over load and short circuit.</li> <li>9- battery failure</li> </ol>		
	<ol style="list-style-type: none"> <li>10- lubrication system failure</li> <li>11- cooling and pre-heating system failure</li> <li>12- fuel injection system failure</li> <li>13- Alternator winding and bearing temp.</li> <li>14- alternator over current</li> </ol>		

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CODE	DESCRIPTION	QTY	UNIT
	<p>And also the control panel should contain the followings :</p> <p>1- pair of change over contractors mechanically &amp; electrically interlocked</p> <p>2- circuit breaker fitted with thermal overload trips &amp; magnetic short circuit release , the generator .</p> <p>3- automatic battery charger device 220/24 volt with voltmeter &amp; ampere meter for starter battery voltage &amp; current , MCB for charging device , switch on/off for battery voltmeter , indication of failure in battery system</p> <p>4- manually operated change - over switch to connect load directly to network to facilitate isolation &amp; maintenance of control panel</p> <p>5- time delay to isolate load from generator &amp; connecting it to the main power setting one minute</p> <p>And also ) Electric lighting must be sufficient inside the container at least 6 florescence (40 watt ,220 volt for each fluorescence) and 20 watt , 220V for the outside control panel</p> <p>The offer including :</p> <p>1-.installation the gensets on sites</p> <p>2- spare part for 5-years</p> <p>3-warranty period of tow years after operation at site</p> <p>4-three years maintenance after period of warranty</p> <p>5-training course on factory</p> <p>6-complete standard set of tools and measuring equip</p> <p>7-complete set of mantas and diagram for each set</p>		
02-06-00377	Electric drill	10	
02-06-00378	Dishes washing machine	15	
02-06-00379	Ampoule sealing machine with accessories	10	
02-06-00380	Cold room 35C 9.5M3	25	
02-06-00381	Cold room +2/+6 C 7.2M3	25	
02-06-00382	Security system	10	
02-06-00383	Specific printer for bar	300	
02-06-00384	Lab refrigerators	50	
02-06-00385	Vacuum	10	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00386	VEHICLE Mechanical Specification Fire Fighting ( Water + Foam Vehicle ) 1. The Cabin : 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. 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 prefect 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 stages . 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 engagement , disengagement , control located cabin . D: Pump outlet not less than 3000 liter / min at (8-10) bar.	100	

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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	<p>E: Provided with automatic outlet air system .</p> <p>F: Provided with one suction system in each side within (4) inch diameter ( English teech ) with cover strainer .</p> <p>G: Provided with four outlet 2,5 inch ( Tow in each side or in the rare ) instantaneous coupling .</p> <p>H: Provide with all gauge for pressure &amp; speed pump .</p> <p>4. Water Foam Tank :</p> <p>A: 7000-7500 liter water + at least ( 500 - 1000 ) liter foam .</p> <p>B: Water &amp; Foam tank made from suitable material unit corrosion can used for          Along time not less than 10 years .</p> <p>C: A Tank fill line 2.5 inch instantaneous coupling .</p> <p>5. Petrol tank :          200-300 liter gasoline .</p> <p>6. Electric system :</p> <p>A: 2 Batteries 12V . ( 135- 165 A)</p> <p>B: All electrical system made from good insulated material .</p> <p>C: Provided with two head lights &amp; two back lights .</p> <p>D: Provided with front vogue &amp; side light .</p> <p>7. Additional fire equipment :</p> <p>A: Monitor for water on top of the vehical could be rotated 360 . the monitor Nozzle is provided with a 2000 L / min .</p> <p>B: 1100/ 20 or 1200/20 tire size ..</p> <p>C: (1) Project or ( search ) light</p>		

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	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 hose eoeditors ( English thread type ) . 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 one ) . 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 vehicle not less than five Years . 9. Foam : 500 Lt for each Vehicle with sent the specification for maney type of Foam .(FX or A3F)		
02-06-00387	Split unit 25 TON	20	
02-06-00388	Freezer - 40 C0	25	
02-06-00389	Freezer - 120 C0	10	
02-06-00390	Network		
	PACS (Picture Archiving and communicating system ):	30	
	state of the art and of up gradeable technology	10	
	-to serve linking the X-ray dept internally & to the following stations digitally :	50	
	conference room	20	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	operation rooms operating suite meeting room doctor offices microprocessor based workstation for each secretary 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 ,digital mobile C-arm & each U/S unit UPS Five years maintenance incl spar parts	10	
02-06-00391	Main conference room Projection T.V and screen Overhead projectors X2 Slide projectors X2 Video (pal) Multiple X- ray viewers - mobile	10	
02-06-00392	Doctors offices : In each office the facility to be provided with computer terminal linked to X-ray conference room and cable of storing re- reports and pictures in digital form on discs or otherwise and supplied with a laser printer to print X-ray reports Two extra stations in two extra doctor offices	10	
02-06-00393	Pakeg unit 7,5 Ton	20	
02-06-00394	Pakeg unit 5 Ton	10	
02-06-00395	submersible draings Pump for spring well old model :- SP25 -15 H = 35M QFLOW = 100GPM out put connection = 3 inch flange V = 380 50HZ 3Q	15	
02-06-00396	C02 incubator Mince - 1000 - solid state	40	
02-06-00397	Steam boiler 3TON	5	



SECTOR: Health  
Subsector:  
PROJECT or REHAPETILATION EQUIPMENT  
TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00398	Water treatment (deionized water) (hemodialysis) 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	80	
02-06-00399	Cooling tower 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	15	
02-06-00400	Photo graphy equipment (iron for drying the negative)	10	
02-06-00401	Tanks for film development	20	
02-06-00402	BOILING PAN,GASEOUS: 100LT,S/S with lid, water inlet, discharge faulet, LPG control, safety valve, jacketed, floor mounted.	700	
02-06-00403	BOILING PAN,ELECTRIC: As above but electric heated, controlled.	500	
02-06-00404	BOILING PAN, ELECTRIC: As above but steam heated, controlled.	400	
02-06-00405	DEEP FRYER,GASEOUS: Double well with baskets, covers, all stainless steel, ltemperature control floor mounted, size about 600x800x650.	600	
02-06-00406	DEEP FRYER,ELECTRIC: As above, but electric operated, 380V, 3PH,thermostatic control, timer.	700	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00407	COOKER, GAS RANGE: With oven, 5cuft,S/S body, burners, 900x900x800,pilot flame, controls, industrial design.	400	
02-06-00408	COOKER , ELECTRIC RANGE: As above but electric, thermostat control (18) KW total load, 4 hot plates, with oven.	450	
02-06-00409	MEAT MINCER: Heavey duty meat grinder, 1 1/2 HP motor capacity not less than 200 KG/HR, with full set of orifice plates, cutter, access.	500	
02-06-00410	MEAT SAW: Floor mounted S/S table and parts, 900x600mm working table, 1 1/2HP motor full protections and controls.	500	
02-06-00411	SLICER: Heavy-duty compact, food slicer, S/S and aluminifinish, table type, gravity feed, full set of knives and access, 1/4 HPmotor, 220V.	450	
02-06-00412	GRILL GASEOUS: 800X500 450 high with adjustable levels, floor mounted, s/s external finish, adjustable heat of (10KW) with accessories.	400	
02-06-00413	GRILL ELECTRIC: AS above but electric heaters, 10KW, 380V, 3PH,controls, access.	400	
02-06-00414	OVEN, GASEOUS: 1000X800X500 depth oven, glass door, adjustable, temp, shelving, all S/S construction, accessories, timer temp. Indicator.	400	
02-06-00415	OVEN,ELECTRIC: AS above but electric powered 15KW, 380V, 3PH.	600	
02-06-00416	FOOD CUTTER: 14 bowl food cutter, all S/S, adjustable speed, easy clearable, with set of accessories, attachments spare knives, table mounted.	500	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00417	FOOD MIXING MACHINE: Floor mounted, 1/3hp, 1-pH motor, adjustable speed, mixing BOWL 20-quart, with full set of attachment, meat chopper, meat slicer, timer, and accessories.	500	
02-06-00418	KETTLE ELECTRICAL: 5 LT boiling kettle, electric, controlled ,all S/S with insulated handle and base	600	
02-06-00419	TEA URN: 20 LT electric tea urns adjustable temp. With thermostat and thermometer, level gauge, all stainless steel with insulated handle and base.	600	
02-06-00420	POTATO PEELER: Floor mounted 8LT load, 1/2 hp motor with full accessories and attachments.	400	
02-06-00421	HOT CUPBOARD: 1100X650X800 high, electric heated, 50-130C,controlled, all S/S, sliding door, heated top, insulated feet.	400	
02-06-00422	ICE CUBE MACHINE: Chest type with storage bin, 4 KG/HR ice-making machine, S/S construction, automatic operation.	500	
02-06-00423	INSECT KILLER: Hanging U.V.lamp, industrial insect killer with HV grid, collection tray.	1,000	
02-06-00424	SINK AND TABLE: Heavy gauge S/S, round edges, back splash table, double BOWL, mounted on S/S.	600	
02-06-00425	PREPERATION TABLE: Heavy gauge S/S, round edges table, mounted on S/S legs, with low grid shelf, dim 2100x650x900, wood reinforced.	500	
02-06-00426	MOBILE SINK: Sink (1) mm S/S, on castors, 220 LT with drain valve.	500	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00427	STAINLESS STEEL SHELVING: Heavy guage shelving adjustable hight of 4 shelves per unit, each 1400x550, hight 800mm post 35m spquare S/S.	500	
02-06-00428	CONVECTION OVEN: Electric operated, (10) shelves of 500x650mm upto 180 C, floor mounted, adjustable temp, timer, heavy duty motor/fan, glass doors, over all dim 900x900x750 on legs of 650mm high, 10 - 15KW, 380V,S/S construction, well insulated, with full accessories, 20 pans, pan carier, trolley.	600	
02-06-00429	Bench surface protector	10	packets
02-06-00430	Drying cabinet ,large	10	
02-06-00431	Dryining rack wall mounted & bench top 72 place, 22 place	10	each
02-06-00432	Air condition 2.5ton	30	
02-06-00433	Telephone exchange system 200 inter line 10 outer line	10	
02-06-00434	Freezer, - 80C	15	
02-06-00435	Deep freezer (-70 , -120 C )	15	
02-06-00436	Chilled water airconditioning system 50K.W	10	
02-06-00437	Aircondition package type 25K.W.	15	
02-06-00438	Window type airconditioner 24000 P.t.U	60	
02-06-00439	Window type airconditioner 18000 P.t.U	100	
02-06-00440	Emissioning water pump 4"	15	
02-06-00441	Emissioning water pump 3"	10	
02-06-00442	Freezing store room 18m3 -30"C	5	
02-06-00443	Cold store room 24m3 - 4" C	5	
02-06-00444	Electric hot water boiler 3000 lit3	15	
02-06-00445	Refrigerator 6 feet	100	
02-06-00446	Refrigerator 12 feet	30	
02-06-00447	Coloured T.V 16 inch	200	
02-06-00448	Telecommunication unit 400 lines with telephones	5	
02-06-00449	P.C. computers	30	
02-06-00450	Mechanical & electric tools	10	sets
02-06-00451	Flour mixer capacity 100gm	5	
02-06-00452	Bread fertilizer	5	
02-06-00453	Baker oven electric	10	
02-06-00454	Meat mixer large size	10	
02-06-00455	Electric coolr large size	10	
02-06-00456	Pick up motor vehicle 1 ton	5	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00457	Clothes washer machine large size	10	
02-06-00458	Clothes steam iron machine larg size	5	
02-06-00459	Vaccum floor dryer	10	
02-06-00460	Hoover (vaccum cleaner)	10	
02-06-00461	Dry woop	50	
02-06-00462	Double trolley carrige for floor cleaning with woop & seguer with 2 plastic bags	50	
02-06-00463	Electric table calculator	20	
02-06-00464	Grass grinder electric	10	
02-06-00465	Electric arabic printer	25	
02-06-00466	Electric english printer	10	
02-06-00467	Tool & equipment for mechanical work shop	5	set
02-06-00468	Tool & equipment for electronic work shop	5	set
02-06-00469	Closed circuit TV. system	5	
02-06-00470	Cameras fixed in operation theaters with out door monitoring system	10	
02-06-00471	Compuator for hospital use	5	
02-06-00472	Laundry & CSSD central station	5	
02-06-00473	Bleep- Doctor call (3 miles range) for 100 person		
02-06-00474	Equipment-dusters	1,000	
02-06-00475	mist spriyng machine holed by back with spare parts	1,000	
02-06-00476	fogging mechine with spare parts- the A/M item should be included the followingtechnical specifications 1- self starting engine (4 storke machine ) 2- multi purposes unit cap be used for thermal foging low volume application is cold aerosol sparyer for residual treatment is larvicidespraying 3- accessorise for the control of temprerture according to the weather conditions also for regulation of the size of particl is for those of spraging 4- double spraying lances 5- adjusting value for regulation of the lange of fog generation between 400-600 m(3) /min is expenditune of 10-200 gallon/ hr 6- range of diameter of partiles 0.5-200m(micron)	1,000	
02-06-00477	trailer with spare partes	1,000	
02-06-00478	hudson x-pert 10 liter with spare partes	2,000	
02-06-00479	wheel barrow power sprayer 100 liter with spare partes	1,000	
02-06-00480	IGEPA TF 35 fog generator with spare partes	1,000	
02-06-00481	IGEPA high performance FOG generator (jumbo) with spare partes 100	1,000	
02-06-00482	IGEPA HD 160 with spare partes	1,000	

SECTOR: Health  
Subsector:  
PROJECT or REHAPETILATION EQUIPMENT  
TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00483	cooling tower capacity : 750 ton = 9X 10 <sup>6</sup> Btu/hr = 2268.66 thermie /hr water out let temp. 7-26 C0 wet bulb temp 24.5C water flow rate = 330 m <sup>3</sup> /hr tower weight empty weight : 2630 kg full with water : 7810kg basin capacity : 3.74 m <sup>3</sup> fans type propeller not exit than 3 fans for each tower fans motor power :9kw packege :type PVC or wood	10	
02-06-00484	EQUITMENT: RADIO (WIRELESS) COMMUNICATION NET WORK FOR MEDICINES CARRYING TRUCKS CONSISTING OF THE FOLLOWING:- - NETWORK SYSTEM OPERATE WITH CODING - DECODING DEVICE - ALL NECESSARY ANTENNA FOR THE FOLLOWING STATIONS WITH MAST (IF REQUIRED): CENTRAL STATION WITH DESK CONTROL AND UPS FOR 6 HOURS OPERATION:-(MULTI CHANNELS) 1. TO OPERATE ALL CHANNELS FROM ANY DESK. 2. DISPLAY FOR CODING AND DECODING SYSTEM 3. DIGITAL CLOCK 4. LAMPS FOR RECEIVING, TRANSMITTING AND STAND BY.INDUCTIA 5. SEMI-DUPLEX OPERATION (PUSH TO TRANSMIT)		
	6. RF OUTPUT POWER SUFFICIENT TO COVER AN AREA OF COUNTRY OF IRAQ. FIXED STATION (MULTI CHANNELS): 7. TO COMMENCE WITH CENTRAL STATIONS AND OTHER FIXED STATIONS.. 8. RF OUT PUT POWER SUFFICIENT TO COVER ALL COUNTRY OF IRAQ 9. UPS FOR 6 HOURS OPERATION	10	
	10. EXTRA LAUD SPEAKER. MOBILE STATIONS	60	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	(AS FIXED STATION ABOVE) 2 YEARS WARRANTY (SPARE + MEN POWER) 3 YEARS MAINTENANCE MEN POWER ONLY TRAINING FOR 4 FROM OUR TECHNICAL STAFF FOR 3 WEEKS FREE OF CHARGE. * SPARE PARTS LIST WITH ITEM PRICE * FULL CATALOGS (OPERATING AND MAINTENANCE WITH CIRCUIT DIAGRAM WITH EACH UNITS).	400	
02-06-00485	Donor chair	10	
02-06-00486	Tube sealer	10	
02-06-00487	Cool box	40	
02-06-00488	CO2 or N2O	30	bottle
02-06-00489	high tension switch gear vaccum type 11KV input - 420V out put -3ph -1600A with complete protection devise	50	
02-06-00490	plasma deep freez	400	
02-06-00491	portable personal dust sampler	60	
02-06-00492	Freez -20C	10	
02-06-00493	Steam boiler rating : 1000 kg/hr from 100 C0 feed water desing : 3- pass wet back fire tube burner : dual fule , LPG and light gas oil standard : B.S 2790 and equivalent quality :150 9001 full automatic packaged boiler with atomatic blowdown system feed water pump level control , control panal , safty fitting , valves as necessary , with : a) dual base - exchange softener of 5 m3/hr at 220 ppm water hardness b) 10000 lt fuel tank c) 2000 lt condensate tank d) blow down receiver complete e)5 meters chimeny 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	70	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00494	DUPLEX WATER SOFTENING PLANT SADDAM MEDICAL CITY Supply a duplex water softener : Service flow rate : 90m3\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 :950m3(based on 200 PPM input) Regeneration initiation flow meter Salt consumption per regeneration : 430 kg Brine tank recharge capacity: 1.25m3 Working presser 5.0 bar max <p style="text-align: right;">1.72 bar min.</p> electricity supply: 380v,3 phase,50 Hz fully wurd, piped assembeled on skid , control panel fitted ready to connection. full detailed specs and drawings to be submitted	10	set
	Ultraviolet water bacteria removal unit for 10 m3/hr filtered water	15	
	10 m3/hr filter for drinking water, dublex sand filter with automatic controls flow intiated with full accessories	15	
	Set of 5-year spare parts, training, supervision on installation, test kits, consumables for one year, to be included for above.	2	Lot
02-06-00495	NURSE CALL SYSTEMS MANUFAC. DUKANE SADDAM MEDICAL CITY NURSE CALL SYSTEMS MANUFAC. DUKANE SADDAM MEDICAL CITY		
	SYSTEMS COMPLETE REBUILD, SUPPLY OF REPLACEMENT 100 CENTRAL NURSE STATIONS, DOOR INDICATORS, PATIENT CALL CORDS , BUTTENS AND ACCESSORIES	10	Lot
	INSTALLATION, SPAREPARTS FOR 5 YEARS, TRAINING	10	Lot



SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00496	DOCTOR CALL SYSTEM REPAIR OF NIRA TELESTAR Saddam Medical city		
	Wireless bleep system to cover no less than 5KM radius area, central station, with 1000 pocket receiver, message LCD, rechargeable batteries and storage battery rack.With interface unit to PABX system	10	
	Set of 5-year spare parts,one year consumables,training,supervision on installation 3 sets of technical documents,to be included for above	10	Lot
02-06-00497	Electronic master clock system 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 pulse which keys the solid state generators, the solid state generators in turn provide acarrier frequency current signal which transmitted over the building power wires to the wall clocks for time correction. Replacement to SIMPLEX CLOCK SYSTEM manufactured by SIMPLEX TIME RECORDER CO.Inc (2350 master clock, 2850 solid state generator). Spare parts for one year operation.	50	
	Secondary wall clocks, single face.	200	
	Secondary wall clocks, double face.	100	
	Set of 5-year spare parts.training.supervision on installation to be included for above	5	Lot
02-06-00498	UNINTERRUPTIBLE POWER SUPPLY UPS 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	60	
	Set of 5-year spare parts,training,	5	Lot
02-06-00499	<b>Central Medical VACUUM PUMP</b> SADDAM MEDICAL CITY		

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	VACUUM PUM UNIT COMPLETE FREE AIR DISPLACEMENT AT ATMOSPHERIC PRESSURE 760MMHG 1350 L/MIN VOLUMETRIC THROUGH PUT AT LINE VACUUM 4050 L/MIN, 7.5KW-MOTOR VACUUM PUM UNIT COMPLETE	10	
	FREE AIR DISPLACEMENT AT ATMOSPHERIC PRESSURE 760MMHG 900 L/MIN VOLUMETRIC THROUGH PUT AT LINE VACUUM 2700 L/MIN, 5KW-MOTOR	10	
	VACUUM PUM UNIT COMPLETE FREE AIR DISPLACEMENT AT ATMOSPHERIC PRESSURE 760MMHG 6750 L/MIN VOLUMETRIC THROUGH PUT AT LINE VACUUM 20250 L/MIN, 40KW-MOTOR	15	
02-06-00500	<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 should exceed original features and services using same building wiring system and same telephone sets in addition suply of 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	5	
02-06-00501	<b>equipment : steam sterilizer complete</b> site : saddam medical city		
	200 it steam sterilizer , multi - purpose steam jacketed stainless steel chamber , sliding door free - standing , built in steam generator , air compressor ,totally enclosed by stainless steel panels , programmable, temp - press recorder , remp , press clear indicators , with loading trolly , internal basket ready to operate after connection to water supply and 380v , 3ph, 50hz power	30	
	as above bute 500 it	10	
	ro- water treatment station to suit tow of item 1 above and one of item 2 above	10	
	recommended 5- year spare parts training supervision on installation for above	5	Lot

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00502	PUMPSCOMPLETE: Power Rev 30 KW 48 sec suction 100 mm discharg 75 mm capacity1/s 16.5 head 80 m	10	
	PUMPSCOMPLETE: Power Rev 5.5 KW / 48 sec suction 65 mm discharg 50 mm capacity1/s 12.5 head 35 m	10	
	PUMPSCOMPLETE: Power Rev 10 KW 48 sec suction 65 mm discharg 50 mm capacity1/s 14 head 55 m	10	
	PUMPSCOMPLETE: Power Rev 11 KW 48 sec suction 65 mm discharg 50 mm capacity1/s 10 head 65 m	10	
	PUMPSCOMPLETE: Power Rev 0.75 KW 24 sec suction 50 mm discharg 37 mm capacity1/s 4 head 10 m	10	
	PUMPSCOMPLETE: Power Rev 18.5 KW 24 sec suction 150 mm discharg 100 mm capacity1/s 56.25 head 20 m	10	
	PUMPSCOMPLETE: Power Rev 1.1 KW 48 sec suction 31.25 mm discharg 25 mm capacity1/s 3.5 head 14 m	10	
	PUMPSCOMPLETE: Power Rev 2.25 KW 24 sec suction 75 mm discharg 62.5 mm capacity1/s 8.5 head 12 m	10	
	PUMPSCOMPLETE: Power Rev 30 KW 24 sec suction 150 mm discharg 125 mm capacity1/s 28.6 head 32.8 m	10	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	PUMPSCOMPLETE: Power Rev 0.75 KW 24 sec suction 56 mm discharg 50 mm capacity1/s 3.36 head 7.5 m	10	
	PUMPSCOMPLETE: Power Rev 2.2 KW 24 sec suction 86 mm discharg 50 mm capacity1/s 5.28 head 13.5 m	10	
	PUMPSCOMPLETE: Power Rev 7.5 KW 24 sec suction 100 mm discharg 65 mm capacity1/s 15 head 25.5 m	10	
	PUMPSCOMPLETE: Power Rev 4 KW 24 sec suction 125 mm discharg 100 mm capacity1/s 17.42 head 11 m	10	
	PUMPSCOMPLETE: Power Rev 2 KW 0.25 sec suction 40 mm discharg 40 mm capacity1/s 1.5 head 3 m	10	
	PUMPSCOMPLETE: Power Rev 4 KW 16 sec suction 125 mm discharg 125 mm capacity1/s 22.5 head 9.8 m	10	
	PUMPSCOMPLETE: Power Rev 3 KW 16 sec suction 125 mm discharg 125 mm capacity1/s 12.5 head 9.8 m	10	
	PUMPSCOMPLETE: Power Rev 2.2 KW 48 sec suction 50 mm discharg 50 mm	10	
	PUMPSCOMPLETE: Power Rev 0.75 KW 24 sec/ 65 mm suction discharg 65 mm capacity1/s 3.22 head 7 m	10	
	PUMPSCOMPLETE: Power Rev 1.1 KW 24 sec suction 65 mm discharg 40 mm capacity1/s 3 head 11 m	10	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	PUMPSCOMPLETE: Power Rev 2.2 KW 24 sec suction 80 mm discharg 50 mm capacity1/s 4 head 12 m	10	
	PUMPSCOMPLETE: Power Rev 1.5 KW 24 sec suction 80 mm discharg 50 mm capacity1/s 5 head 11 m	10	
	PUMPSCOMPLETE: Power Rev 2.2 KW 24 sec suction 80 mm discharg 50 mm capacity1/s 7 head 12 m	10	
	PUMPSCOMPLETE: Power Rev 2.2 KW 24 sec suction 80 mm discharg 50 mm capacity1/s 8 head 12 m	10	
	PUMPSCOMPLETE: Power Rev 4 KW 48 sec discharg 75 mm capacity1/s 5 head 20 m	40	
	PUMPSCOMPLETE: Power Rev 8 KW 48 sec discharg 100 mm capacity1/s 6 head 20 m	20	
	PUMPSCOMPLETE: Power Rev 2 KW 48 sec discharg 50 mm capacity1/s 4.2 head 20 m	40	
02-06-00503	<b>BATTERIES</b> Saddam Medical city		
	Nickel cadmium battery block ,24vdc,280AH,shipped dry with sufficient quantity of electrolyte ,suitable for standby generator starter	30	
	As above but 110vdc,100ah,suitable for electrical switchgears	25	
	<b>Kitchen equipment</b> saddam medical city		
02-06-00504	Boiling pan,electric: 100 Lt , s/s with water inlet , discharge faucet , LPG control safty valve , jacked , floor mounted , electric heated, controlled with all accessories and spare parts for one year operation	60	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00505	Boiling pan, steam : As above but steam heated, controlled, with all accessories and spare parts for one year operation.	10	
02-06-00506	deep fryer electric Double well with baskets, covers, all s/s , temperature control, floor mounted, dimensions approx. 600*800*650 electric operated, 380 V /50 hz /3ph, thermostatic control, timer, with all accessories and spare parts for one year operation.	40	
02-06-00507	Cooker, electric range: With oven, 5 ft3, s/s body, burners, dim. Approx. 900*900*800, pilot flame, controls, industrial design. electric , thermostat control , (18 )kw total load , 4 hot plates With all accessories and spare parts for one year operation.	10	
02-06-00508	Meat mincer : Heavy duty meat grinder, 1.5 Hp motor capacity, not less than 200Kg/Hr, With all accessories and spare parts for one year operation.	15	
02-06-00509	Meat saw : Floor mounted, s/s table and parts, dim. Approx.900*600mm working table, 1.5 Hp motor, full protections and controls, With all accessories and spare parts for one year operation.	10	
02-06-00510	Slicer : Heavy-duty compact food Slicer, s/s and aluminum finish table type, gravity feed, 0.25 Hp motor, 220V. With all accessories and spare parts for one year operation.	5	
02-06-00511	Grill, gaseous : Approx. Dim. 800*500*450, with adjustable levels, floor mounted s/s external finish, adjustable heat of (10) kW, With all accessories and spare parts for one year operation.	30	
02-06-00512	Oven, gaseous : Approx. dim. 1000*800*600 depth oven, glass door, adjustable temp., shelving, all s/s construction,temp. indicator, timer, With all accessories and spare parts for one year operation.	40	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00513	Oven, electric : As above but electric powered, 15kw,380V/50Hz/3Ph.	15	
02-06-00514	Food cutter : 14" bowl, food cutter, all s/s, adjustable speed, easy cleanable, table mounted, With all accessories, attachments and spare parts for one year operation.	10	
02-06-00515	Food mixing machine : Floor mounted, 1/3 Hp, 1-pH motor, adjustable speed, mixing bowl 20 quart, with full set of attachment, meat chopper,and meat slicer,. , With all accessories and spare parts for one year operation.	10	
02-06-00516	Kettle electrical 5-LT boiling kettle, controlled, all s/s with insulated handles and base. With all accessories and spare parts for one year operation.	40	
02-06-00517	Tea urn : 20-LT electric tea urn, adjustable temp. with thermostat and thermometer, level gauge, all s/s, with insulated handles and base. With all accessories and spare parts for one year operation.	25	
02-06-00518	Potato peeler : Floor mounted, 8-LT load, 1/2Hpmotor, with all attachments, With all accessories and spare parts for one year operation.	10	
02-06-00519	Hot cupboard : 110*650*800 height, electric heated, 50-130 C, controlled, all s/s, sliding doors, heated top, insulated feet. With all accessories and spare parts for one year operation.	15	
02-06-00520	Ice cube machine : Chest type with storage bin, 2kg/hr, ice making machine,all s/s, automatic operation, With all accessories and spare parts for one year operation.	70	
02-06-00521	Insect killer : Hanging U.V. lamp, industrial insect killer with HV grid, collection tray, With all accessories and spare parts for one-year operation.	60	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00522	Sink and table : Heavy gauge s/s, round edges back splash able double bowl mounted on s/s approx dim : 2100x650x900 with all accessories and spare parts for one year operation	15	
02-06-00523	Preparation table : Heavy gauge s/s, round edges table, mounted on s/s legs, with low grid shelf, dim.:2100*650*900, wood reinforced. With all accessories and spare parts for 1- year operation.	10	
02-06-00524	Mobile sink : Sink (1)meter s/s, on castors, 220 LT with drain valve. With all accessories and spare parts for one year operation.	15	
02-06-00525	Stainless steel shelving : Heavy gauge shelving adjustable height of 4-shelves per unit dims. 1400*550*800 height, post 35mm2 s/s	15	
02-06-00526	Convection oven : Electric operated, (10)shelves of 500*650mm up to 180C, floor mounted, adjustable temp., timer, heavy duty motor/fan, glass doors, over all dim. 900*900*750 on legs of 650 mm height, 10-15 kW, 380v, s/s construction, well insulated, with 20 pans, pan carrier and trolley, With all accessories and spare parts for one year operation.	15	
02-06-00527	<b>Medium voltage switchgear</b> saddam Medical city		
	Air circuit breaker AH-40C Closing voltage 220vac Tripping voltage 24vdc	15	
	Air circuit breaker AH-50C Closing voltage 220vac Tripping voltage 24vdc	15	
	Air circuit breaker AH-40C Closing voltage 220vac Tripping voltage 24vdc	10	
	Air circuit breaker AH-30C Closing voltage 220vac Tripping voltage 220vdc	10	
	Air circuit breaker AH-30C Closing voltage 220vac Tripping voltage 24vdc	15	
	Air circuit breaker AH-30C Closing voltage 220vac Tripping voltage 24vdc	10	



SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	The offer should include the following accessories:		
	1-tester type OCR ANH-1B	1	
	2-tester type ANR-1 portable checker	1	
	3-JWB-6 lifter loader (HB)AH50C/60C 3P	1	
	4-JWB-O-H loader for AH50C	1	
	5-JWB-O B34 loader for AH40C 4P	2	
	6-JWB B33 loader	2	
	7-JWB-O-M extension rail	4	
	8-JWB-O-P extension rail	1	
	Offer should include training of 2-engineer for 2-weeks. Offer should include original catalogues for operation and maintenance of circuit breakers and checkers.		
	<b>Vehicles</b> saddamMedical city		
02-06-00528	Passengers intercity staff bus .40 to 50 passengers,automatic doors ,diesel engine,air conditioned,apholestered chairs stainless steele fram,sliding glass windows with curtains,rubber mat floor, tinted windshield , stereo radio-recorder,ceiling hanging grips,	40	
02-06-00529	Passegers staff mini bus 20-30 persons ,and as above	40	
02-06-00530	Fire fighting vehicle.turntable telescopic up to 30 meters ladder with rescue cage, with adjustable fire hose and jet,fully equiped for fire fighting ,rescue and maintenance tasks,non skid platforms,flood and spot light projectors,	10	
02-06-00531	Fire fighting water tank vehicle of 13000 lt ,with pump 1000lt/min at 10bars,diesel engine with accessories	10	
02-06-00532	Mini excavator of 1 meter width 30 liters bucket,less than 25hp engine,hydraulic system, closed glass canopy,heavy rubber tracking chain,with concrete digging attachment,full accessories.	10	
	5-year spare parts,inspection befor e contracting ,training on repair and maintenance in the manufacturers workshops.for 2 engineers on above items	5	Lot
	<b>EQUIPMENT: SUB - STATION</b> SADDAM MEDICAL CITY		

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00533	STEPDOWN TRANSFORMER DELTA/ STAR 11000/400VOLT, 3500KVA, 50HZ, DRY TYPE, fitted in a ventilated enclosure with proper degree of protection capable of carrying 15% continuous over load with list of 5-years spare parts and accessories	10	
02-06-00534	high-voltage switch gear 3-individual panels containing 3-horizontal draw out C.B(630AMP) system voltage 11KV, 3phase, 3wire, 50HZ with all necessary monitoring and protection devices, also 110Vdc charger shall be included 5-years spare part shall be included qty 1 complete CB with other recommended spare part. the C.B.S shall be electrically operated and manually in emergency case	6	
02-06-00535	MEDIUM VOLTAGE SWITCH BOARD shall consist of following:	2	
	incoming feeder-5000A	3	
	tie breaker . 5000A	2	
	chiller feeder. 1600A	9	
	dummy panel	1	
	five years spare parts shall include C.B 1600AMP	2	
	C.B 5000AMP and other recommended spare parts the main and tie C.B.S shall be manually and electrically operated with all protection and metering devices	1	
02-06-00536	BUSWAYS 5000 AMP. RATING totally enclosed water proof low impedance busways between transformers secondaries and M.V main switch board, completed with hanging devices accessories. special tools 5-years spare parts	160	meter s
02-06-00537	BUSWAYS, 1600 AMP. RATING.	750	meter s
	AS ABOVE BUT BETWEEN MAIN SWITCH BOARD AND the CHILLERS		
	the following conditions shall be provided for all above items a-installation, commissioning and 1-year guarantee after commissioning b-the equipment shall operate at 50C ambient temp c-full set of detailed clear and original catalogues d-training of 3-engineers for 3-weeks in manufacturer companies		

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00538	PUMPS WITH MOTORS 380 V/ 3PH/ 50HZ,TYPE SPLASH PROOF MOTOR SADDAM MEDICAL CITY MODEL(KW-HEAD(M)-FLOW(L/S)-RPM)		
	12LN21 (340-36-650-1440)	12	
	12LN17 (265-52. 5-335-1440)	20	
	12LN17 (224-36-372-1440)	8	
	ERP80 (400-150-140-30-2880)	4	
	12LA2 (150-25. 5-415-1440)	4	
	12LA2 (90-30-300-1440)	6	
	10LA3 (90-30-170-1440)	4	
	10LA3 (90-43. 3-142. 3-1440)	4	
	65WP315 (75-132. 5-22. 5-2880)	4	
	6L3 (55-32-101. 29-1440)	4	
	6L3 (55-52. 5-52. 24-1440)	4	
	65WP315 (55-103-22. 5-2880)	6	
	ERP60 (200-45-190-7. 57-2880)	12	
	50wp315 (37-103-10-2880)	6	
	65WP250 (37-68. 6-22. 5-2880)	6	
	6L3 (37-34-55. 5-1440)	6	
	6L3 (30-27-98. 5-1440)	4	
	100WP200 (30-37-43. 1-2880)	4	
	80WP160 (15-24-30-2880)	4	
	1 ½ TM2 (15-132. 5-2. 5-2880)	2	
	40WP200 (11-45-7. 57-2880)	4	
	40WP200 (11-55-4. 36-2880)	4	
	1 ¼ TM43 (7. 5-68. 6-2. 25-2880)	2	
	4L1 (5. 5-9-30. 61-1440)	4	
	100WP (200-4-11-17. 42-1440)	4	
	1 ¼ TM22 (4-83. 3-1-2880)	6	
	3L1 (3-8-15. 86-1440)	4	
	3dv2 (3-----2880)	4	
	32wpl60 (1.5-14.6-2.25-2880)	4	
02-06-00539	equipment : air compreesor trolley units attas capco tank capacity 20 litter model of comp. : LXF 06 motor : 1 ph, 50 hz, 220 v , 0.55 kw	30	
02-06-00540	equipment : electric distribution		
	C.B type SACE,50HZ, 3PH, 660V,1600A	15	
	C.B type SACE,50HZ, 3PH, 660V,1250A	20	
	C.B type SACE,50HZ, 3PH, 660V,630A Awith motor	40	
	C.B type BBC 600,50HZ,1PH,(250-380)V,32A	700	
	C.B type BBC 600,50HZ,1PH,(250-380)V,10A	700	
	LIP-Air C.B 600V,1600A	15	
	MCCB,3P,(380-400)V,H,1600A	40	
	MCCB,3P,(380-400)V,H,1250A	10	
	MCCB,3P,(380-400)V,H,1000A	40	
	MCCB,3P,(380-400)V,H,800A	10	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	MCCB, 3P, (380-400)V, H, 600A	30	
	MCCB, 3P, (380-400)V, H, 500A	8	
	MCCB, 3P, (380-400)V, H, 400A	40	
	MCCB, 3P, (380-400)V, H, 350A	8	
	MCCB, 3P, (380-400)V, H, 250A	400	
	MCCB, 3P, (380-400)V, H, 225A	70	
	MCCB, 3P, (380-400)V, H, 200A	200	
	MCCB, 3P, (380-400)V, H, 175A	120	
	MCCB, 3P, (380-400)V, H, 150A	50	
	MCCB, 3P, (380-400)V, H, 125A	50	
	MCCB, 3P, (380-400)V, H, 100A	184	
	MCCB, 3P, (380-400)V, H, 80A	68	
	MCCB, 3P, (380-400)V, H, 75A	50	
	MCCB, 3P, (380-400)V, H, 63A	122	
	MCCB, 3P, (380-400)V, H, 50A	300	
	MCCB, 3P, (380-400)V, H, 30A	202	
	MCCB, 3P, (380-400)V, H, 20A	112	
	MCCB, 3P, (380-400)V, H, 15A	100	
	ELB-GR-50-2P 220V 30A	50	
	ELB-GR-50-2P 220V 20A	50	
	ELB-GR-50-2P 220V 15A	50	
	ELB-GR-50-2P 220V 150A	50	
	MCCB 1P 220V 15A	400	
	MCCB 4P (220-380)V 400A	50	
	MCCB 4P (220-380)V 225A	50	
	MCCB 4P (220-380)V 100A	50	
	MCCB 4P (220-380)V 50A	50	
	MCCB with aux.contact and alarm contact 380V 3P 5A	50	
	as above 30A	50	
	as above 15A	50	
	as above bot 220V 2P 150A	50	
	free fuse C.B 380V wall mounted 1000A	8	
	complete star-Delta control for motor 7.5HP with air compressor 5HP	8	
	complete star-Delta motor control 100KW	4	
	complete star-Delta motor control 50KW	4	
	complete star-Delta motor control 40KW	4	
	complete star-Delta motor control 20KW	6	
	complete direct on line single stage motor starting	2	
	MCCB single phase-50A	2	
	MCCB single phase-30A	4	
	MCCB single phase-10A	2	
	H-VAC-vacum C.B HT 12KV 600A	4	
	main switch 220V 30A	40	
	main switch 380V 60A	40	
	main switch 220V 100A	40	
	main switch 220V 150A	40	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00541	magnifier	2	
02-06-00542	iron (fordrying the negatives photo graphy	2	
02-06-00543	tanks for film development	8	
02-06-00544	pumps (type - KW - Q m <sup>3</sup> /hr - H/m - r.p.m - dic cm suction cm)		
	condenser pump / horizontal-11-102-22.5-1430-18cm- 11cm	10	
	chiller pump / horizontal-14-81.7-33-1430-18cm-11cm	10	
	sanitary pump for 30m head / horizontal-5.5-100-30- 1435-120cm-8cm	10	
02-06-00545	Boiler sapcabloc press 3G N-307447 / type 418m / 220-380V / 50HZ / 2- 3KVA / 23/45 - 100KG/h/ 273 / 534 - 1186KW combust - fuel max visc 20c / 6mm <sup>3</sup> /s (1.5E) / 1979	5	
02-06-00546	inter com system withall accissorice	5	
02-06-00547	Wall clock with seconds indicator	5	
02-06-00548	tatelephone-intercom	5	
02-06-00549	Air compressor compressor with tank 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	44	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00550	Medical oxygen units 1-compressor 2-air seperation unit + msun 3-stiriling 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.	6	
02-06-00551	condensor water pump 400V 1500r.P.m 3Q 6"X6"	10	
02-06-00552	Mini bus passanger shaft mini bus 10-20 person gasolen engine air conditioning and heating power steern manual gear with floor shift two doors on the front,one in each side with middle door in the right sid 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 heavey duty spare part for tow years	700	
02-06-00553	Motor cycle Petrol Engine Suitable size Capacity of carrying:- Two persons. Equipped with full accessories Warrantly & Maintenance for 2 years Lest of spare part for 2 years Training for 3 technicians	600	

SECTOR: Health  
 Subsector:  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00554	Motor cycle with side vehicle Petrol Engine Suitable size Capacity of carrying:- Three persons. Equipped with full accessories Warranty & Maintenance for 2 years Lest of spare part for 2 years Training for 3 technicians	700	
02-06-00555	garbage collection vehicle 1) basic vehicle 1- type : forward control 2- drive 4X2 3- engine : diesel engine water cooled 4- electrical equipment : 24 v 12vX2batteries 120 Ah at 20 hr 5- transmission : manual power assist 6- clutch : hydraulic control , singl dry plate with air pressure assistance 7- tires :single front dual rear 8- steering :left hand steering ball mute type with integral type hydraulic power booster telescopic and tilt steering column with steering lock 9- front suspensions : laminated leaf springs with shock absorbers 10- rear suspensions : laminated leaf springs 11- front : parallel tapered channel section type with crossmember and reinforcements 12- fuel tank : 250 liters 13- drivers cab : all steel titl cab equipped with A/C 14- paint : finish coat crystal white 15- measurement : metric (km/h)	200	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	16- brakes : service :air over hydraulic with dvel circuit parking : internal expanding type on propeller shift auxiliary : exhaust brake 17- cooling system :radiator : corrugated fin type with pressure cap and surge tank fan: multi- blades steel 18- Caution Plate : Arabic 2) garbage container 1- container volume : (12-16) m3 2- contanier structure :suitable steel or metal 3- loading mechanism :- hydraulically controlled mechanical press type 4- with full accessories for all vehicle & container *training for three technicians * warranty & maintenance for tow years *lest of spare part for 2 years		
02-06-00556	Eleveters 1-technical opecifications a-full electronic control sistem for operation and level selection conteining all necessary equipments for protection and supervision b-type of control 3V -3F,elevater continioys speed : (0.5-2.5) M/sec-adjustable according to capacity and number of levels c-door opnning : automatic and swing according to the site biulding d-emergency power supply (ups) providing necessry electric power at least for stopping the carriege at nearest level as well as the control system contain back up batteries for saving stored data for at least 1000 hours e-ambient tempreture 0-50C and 90% hum f-the system contain data terminal (pc-bored)for operation maintenance, diognosis ,reed proqrms and reprograming,with probability to remote maintenanc g-the system contain (4)four stopping stages at final up and final down h-the carrieg modle from stainless-steel with smooth surface,painted with standard coulour with non -slipery platform,containing emergency lighting and ventilation,with communication limk between the system and to the telephone exchange,also contain at		



SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	2-installation equipments on sites with all accesseries. 3-one year warranty and two years maintenance after period of warranty . 4-fraining on factoru for 6-technical staff x 3weeks and local traing during installuation 5-spare parts for 5 years 6-quantities :		
	passenger /500 kg	90	
	passenger /750 kg	90	
	passenger /1000 kg	80	
	bed lift /1200 kg	90	
	bed lift /1600 kg	100	
	bed lift /2000 kg	90	
	service /180 kg	20	
	service /750 kg	50	
	service 2000 kg hydrolic	50	
02-06-00557	Medical oxygen plant _ complet liquid oxygen production plant capacity: 75LIT.liquid/hour purity :not less than 99.5% (including an electrical analyzer on line) air compressor type _ oil free _ reciprocating _ suction temp. (50-60)c _ low pressure storage and filling station _ one liquid storage tank (capacity:10000lits) _ complete common cylinder filling plant with dual charging manifold (5-10 cylinders each) including the following (for each plant)	200	
	instruction manuals operation and maintenanece	2	set
	spare parts catalogues	2	set
	special tools	2	set
	spare parts spare parts for five years operation as recommened by the manufacturer guarantee 12 months from the date of start up training tringing of two technicians during four weeks at the factory		
02-06-00558	POWER SUPPLY U.P.S steady 220Vout put voltage, with NICD or sealed acid baheries, duration time 30 min for 60 KVA , 180 min for others		

SECTOR: Health  
 Subsector:  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	1 KVA	100	
	2 KVA	100	
	3 KVA	60	
	5 KVA	150	
	10 KVA	60	
	60 KVA	40	
02-06-00559	cooling for operating room Air conditining equipment for operating theaters as following Cooling capacity 1- air conditining system is working with 100% fresh air 2- requiried room conditions room temperature 20-25 Co relative humidity 45-60 % r.h 3- ambient temp 60 Co 4- cooling and heating 5- heating electric heater direct without hot water boilers air conditining plant mainly consisty at 1- air cooled condensor 2- cold water pumps 3-exhaust air handing unit 4-of supply air ceiling system with high efficiency filter high type (s) with: a- filter ceiling air outlet with high efficiency filter type (s) b- control and regulation system		
	c- steam humidifier filter class (b), c sound absorber for supply and exhaust air duct system with nessary insulation air tight damper tight grill weather proof louvers cold water lines with insulation and electric cable and any other part for the system 6-spare parts for five years 7- training for 3 engineer in the manufacturer factory - capacity:		
	2 ton	60	
	5 ton	120	
	10 ton	60	
	15 ton	20	
	20 ton	60	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00560	digital ISDN network * the system consist of following no. central station (exchange) 500 port no. 14 branch station (exchange ) extendable to 30 each branch 120 ports * the communication way between the control station and the branches either VIA PTT or by micro wave form * the system able to be connected with fier alarm system and security system (prefer to be including with the offer ) and air conditioning system or any other system in the branch sites * 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 installation	5	
02-06-00561	specification of fire fighting system (automatic - sprinkler system) design manfacutre diliver and installation of an automatic roop sprinklers system in the warehouse in different sites including the following equipment persite site specification :		
	1- effective warehouse area 8000 m2 , height 10m	15	
	2- effective warehouse area 12500m2 , height 6m	10	
	3- effective warehouse area 2000 m2 , height 4.5m	20	
	4- effective warehouse area 2500 m2 , height 11m	10	
	5- effective warehouse area 10000 m2 , height 5m	10	
	6- effective warehouse area 25000 m2 , height 14m	10	
	7- effective warehouse area 20000 m2 , height 8m	10	

SECTOR: Health  
 Subsector:  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	<p>the equipment requirement</p> <p>a- all necessary pipe work fitting hanger and sprinkler heads</p> <p>b- all necessary installation controlling valve and under ground main to connect to the water storage tank</p> <p>c- pump house complete with pipe work including valves and fittings</p> <p>d- three automatic fire pumps two electrical and one diesel driven each rated at 3600 dm<sup>3</sup>/min at 8.5 bars</p> <p>e- one cylindrical galvanised steel water storage tank with an effective capacity</p> <p>f- an electrically operated and pully automatic jockey pump</p> <p>g- complete electrical control boards</p> <p>h- eight pir exitiation and fir caben with hose</p> <p>I- spare parts for 3 years</p> <p>j- warrnty one year ( label + material) and two year mantinance</p> <p>k- training of factory of equipment for 3 technicians</p>		
02-06-00562	transformer		
	1000 kva , 11 kv/380 v , 2500a, delta /star , 50 hz , oil cooling	40	
	2000 kva , 11 kv/380 v , 2500a, delta /star , 50 hz , oil cooling	40	
	630 kva , 11 kv /400v-240v, delta/star, 50 hz ,oil cooling	40	
	360 kva , 11kv / 400-240v, delta/star ,50hz , oil cooling	40	
02-06-00563	<p>Fire pump fp1</p> <p>head m 90</p> <p>q l/min 750</p> <p>size 100</p> <p>kw 22</p> <p>volt 380</p> <p>type centrifugal pump</p>	48	
02-06-00564	<p>Lift pump lp1</p> <p>head m 50</p> <p>q l/min 1400</p> <p>size 125</p> <p>kw 22</p> <p>volt 380</p> <p>type centrifugal singal suction 48</p>	48	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00565	Lift pump lp2 head m 25 q l/min 750 size 50 kw 5.5 volt 380 type singal suction volut pump	48	
02-06-00566	Chilled water pump P-2 head 20 q l/min 6150 size 20x150 kw 30 volt 380 type centrifugal pump	48	
02-06-00567	Chiller water p-3 head m 38 q l/min 2320 size 125x100 kw 30 volt 380 type centrifugal pump	48	
02-06-00568	Chiller water p-4 head m 38 q l/min 4980 size 200x150 kw 45 volt 380 type centrifugal pump	48	
02-06-00569	Chiller water p-5 head m 47 q l/min 4520 size 150x125 kw 55 volt 380 type centrifugal pump	48	
02-06-00570	Condensor water pump p-1 head m 20 q l/min 7580 size 200x150 kw 37 volt 380 type centrifugal pump	48	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00571	Softener pump p-11 head m 25 q l/min 160 size 40 kw 2.2 volt 380 type in line pump	48	
02-06-00572	Lift pump p-12 head m 55 q l/min 100 size 40 kw 3.7 volt 380 type singal suction	48	
02-06-00573	Make up water pump p-13 head m 15 q l/min 180 size 40 p2 kw 1.5 volt 380 type centrifugal pump	48	
02-06-00574	Condensor water pump p-14 head m 15 q l/min 70 size 65x40 kw 1.5 volt 380 type centrifugal pump	48	
02-06-00575	Circulation hot water pump p-6 head m 10 q l/min 1410 size 100x50 kw 3.7 volt 380 type centrifugal pump	48	
02-06-00576	Circulation hot water pump p-7 head m 37 q l/min 480 size 65x4 kw 5.5 volt 380 type multy stage centrifugal	92	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00577	Circulation hot water pump p8 head m 36 q l/min 1250 size 125x2 kw 15 volt 380 type multy stage centrifugal	92	
02-06-00578	Circulation hot water pump p-9 head m 45 q l/min 1100 size 100x3 kw 15 volt 380 type multy stage centrifugal	92	
	1-give complete catalag 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 water which we ane using (high hardness) (TH500ppm) and easy for maintcuauce		
02-06-00579	softener pump kw 2.2 r.p.m 1500 Q L/S 5.5 Hm 15		
	kw 5.5 r.p.m 1500 Q L/S 20 Hm 25	50	
02-06-00580	water pump for tower kw 2.2 r.p.m 1500 Q L/S 7.5 Hm 12	70	
	kw 7.5 r.p.m 1500 Q L/S 16 Hm 27	50	
	kw 15 r.p.m 1500 Q L/S 33 Hm 25	50	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	kw 37 r.p.m 1500 Q L/S 108 Hm 23	50	
	kw 22 r.p.m 1500 Q L/S 75 Hm 20	60	
02-06-00581	boiler feeding pump kw 5.5 r.p.m 3000 Q L/S 16.6 Hm 80	100	
02-06-00582	chemical dosing pump/ with 500 litter tank and mixer variable flow and pulses kw 0.3 r.p.m 1500 Q L/S 5 Hm 60	50	
02-06-00583	horizontal pump kw 1.1 r.p.m 1500 Q L/S 2 Hm 15	30	
	kw 5.5 r.p.m 3000 Q L/S 15 Hm 60	30	
02-06-00584	vertical pump kw 2.2 r.p.m 3000 Q L/S 7 Hm 50	30	
	kw 4 r.p.m 3000 Q L/S 3 Hm 85	50	
02-06-00585	circulation pump kw 2.2 r.p.m 1500 Q L/S 5.5 Hm 25	100	
02-06-00586	submersible pump kw 3 r.p.m 3000 Q L/S 3.5 Hm 15	100	



SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	kw 7.5 r.p.m 1500 Q L/S 20 Hm 15	100	
02-06-00587	fire pump kw 0.75 r.p.m 3000 Q L/S 1.5 Hm 60	20	
	kw 5.5 r.p.m 1500 Q L/S 21 Hm 35	100	
	kw 37 r.p.m 3000 Q L/S 33 Hm 66	20	
02-06-00588	water pump for heating kw 2.2 r.p.m 1500 Q L/S 12 Hm 21	30	
	kw 5.5 r.p.m 1500 Q L/S 10 Hm 25	20	
	kw 7.5 r.p.m 1500 Q L/S 82 Hm 15	50	
	kw 11 r.p.m 1500 Q L/S 28 Hm 22	20	
	kw 15 r.p.m 1500 Q L/S 18 Hm 45	25	
	kw 18.5 r.p.m 1500 Q L/S 36 Hm 33	20	
	<b>ware house requierment</b>		
02-06-00589	folding end trolleys capacity 150 kg	200	
02-06-00590	manual and electrictric stackers capacity 250 kg	40	
02-06-00591	folding work shop caranes capacity 1000 kg at 1 m	40	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00592	cylinder trolley capacity 200 kg	100	
02-06-00593	sterilizing water for theater room ultraviolet water purifiers 1- stainless steel construction 2- quick lamp change 3- fused quartz sleeve 4- indicator light 5- optional equipment the life of lamps must be very long	400	
02-06-00594	VEHICLE PICK-UP DOUBLE CABIN 1. PETROL 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 FOR DRIVER CABIN (HEATING AND COOLING) 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 ONE INSIDE 10. ACCESSORIES: TO BE EQUIPPED WITH JACK + WHEEL WRENCH + HAZARD TRIANGLE + TOOL KITS + FAST MOVING PARTS . WITH THE VEHICLE AND ANY EQUIPMENT'S CONCERNING THE JOB OF THIS CAR. 11. LOADING CAPACITY: FROM (1-2) TONS 12. ALL MATERIALS INSERTED IN THE CONSTRUCTION OF THIS CAR IT WILL BE OF HIGH QUALITY (WOOD, SHACKLE, GOODS COVER) 13. MAINTENANCE FOR ALL VEHICLES FOR TWO YEARS ON ACCOUNT OF THE COMPANY WITH TRAINS FOR ENGINEERS AND TECHNICIANS (5 PERSONS) FOR ONE MONTH	700	
02-06-00595	digital camera	10	
02-06-00596	video projector	10	
02-06-00597	CD- player	10	
02-06-00598	air handling unit supply 162 m <sup>3</sup> /h cooling and heating inlet water temp. : 7-w(in) 5-8C outlet water temp. : w(out) 72-2C capacity : 7-25738 colh 2-72100 m <sup>3</sup> /h		

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00599	air handlinunit 240x230x230 cm capacity 14800 ft3/min inlet cooling 10 c out let colling 14c inlet heating 70c outlet heating 60c power Q 1359 pm H 60ft	12	
02-06-00600	air handlinunit 225x196x112 capacity 14800 ft3/min inlet cooling 10 c out let colling 14c inlet heating 70c outlet heating 60c power Q 1359 pm H 60ft	5	
02-06-00601	290x280x230 capacity 14800 ft3/min inlet cooling 10 c out let colling 14c inlet heating 70c outlet heating 60c power Q 1359 pm H 60ft	5	

02-06-00683	Scale 1kg	1	piece
02-06-00684	Scale 25 kg with spare parts	1	unit
02-06-00685	Scale 5kg with spare parts	1	piece
02-06-00686	Weighing Machine 100 kg with spare parts	1	piece
02-06-00687	Potato peeler 5kg load with spare parts	2	unit
02-06-00688	Vegetable mill 300 kg/hr with spare parts	2	unit
02-06-00689	Chopping block 50*50*65	2	unit
02-06-00690	Meat mincer 2 kg with spare parts	2	unit
02-06-00691	Baking oven gas oven 2 deck with spare parts	2	unit
02-06-00692	Mixing machine 10 lire with spare parts	2	unit
02-06-00693	Refrigerator 420 litre with spare parts	4	unit
02-06-00694	Range gaseous (general purpose) 6 plate with spare parts	2	unit
02-06-00695	Oven, Gaseous with accessories and spare parts	2	piece
02-06-00696	Boiling Pan, Gaseous with accessories and spare parts	3	piece
02-06-00697	Boiling Pan, Gaseous with accessories and spare parts	3	piece
02-06-00698	deep Fryer, Gaseous with spare parts	2	piece
02-06-00699	Gas Grill with accessories and spare parts	2	piece
02-06-00700	Hot cup board with spare parts	1	unit
02-06-00701	Dish washer 640 pcs/with spare parts	3	unit
02-06-00702	Bain-marie trolley	12	piece
02-06-00703	General purpose trolley with spare parts	12	unit
02-06-00704	Cold cup board with spare parts	2	unit

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00705	Electrical water cooler 50 Lit/hr with spare parts	2	piece
02-06-00706	Wall Hood Central Type (ceiling0	5	piece
02-06-00707	BIN on Castors	2	piece
02-06-00708	BIN on Castors	2	piece
02-06-00709	BIN on Castors	2	piece
02-06-00710	BIN on Castors	2	piece
02-06-00782	vacum packiging + sealing machine 220 - 240V	10	
02-06-00783	laminas flow cabinet with bench _ speed control rate 100 fpm 220 _ 240V	10	
02-06-00784	analytical balance weishing capacity 205gm 220 _ 240V	10	
02-06-00785	drying / sterilization cabin (bio haz and # biological UV light 220 _ 240v	10	
02-06-00786	A W U.(air washer unit) tupe 2 bank conter flow type centerfugul single suction fan fan section :-back ward 2nclined blade sizedia.:- 750mm width 188mm no V-belt :-3 jupply air volume 25900 cmH X 106MMAQ returnn air volume OCMH,out door air volume 25900 CMH motor 15KW , 3Q , 380V , 50HZ heating coil air section :capacity :- 144000 KCAr/H watir flow rate 200L/min water temp (in-out) 83c/71c air temp:-(in-out) (-1.0-15.0) rows & fin ptch 2rows x 2.9mm hatinial copper tube aluminin filter ass.:- NBS 35%	10	
02-06-00787	Tyres and Tubes Required For Health Institutions in Iraq 600 x 14	1,500	
	Tyres and Tubes Required For Health Institutions in Iraq 650 x 14	1,500	
	Tyres and Tubes Required For Health Institutions in Iraq 700 x 15	2,000	
	Tyres and Tubes Required For Health Institutions in Iraq 750 x 16	1,500	
	Tyres and Tubes Required For Health Institutions in Iraq 205 x 16	1,500	
	Tyres and Tubes Required For Health Institutions in Iraq 650 x 16	1,000	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	Tyres and Tubes Required For Health Institutions in Iraq 1200x 20	1,000	
	Tyres and Tubes Required For Health Institutions in Iraq 1100x 20	1,000	
	Tyres and Tubes Required For Health Institutions in Iraq 1200x 24	500	
	Tyres and Tubes Required For Health Institutions in Iraq 1000x 20	250	
02-06-00788	computer network to cover pentium 111 with acc:malti media	50	
	digital camera	10	
	P.C viewer	10	
	scanner	38	
	colour printer	12	
	printer-laser jet	84	
	portable screen	38	
	C.D read-write	10	
	C.D row	2,500	
	flophy disc	6,000	
	video blaster with cammera	13	
	modem	40	
02-06-00789	battery charger		
	cadmium Qsc50-86 capacity 50AH/5HR power KW 2.1KW charging current 15A output voltage E130-DCV input voltage	10	
	QE200E-20 capacity 200AH/HR power KW 1.36KW charging current 40A output voltage F27-DCV input voltage	10	
	QE200E-20 capacity 200AH/HR power KW 1.36KW charging current 40A output voltage E29.4-DCV input voltage	10	
	Qfw600E-20 capacity 600AH/HR power KW 3.4KW charging current 100A output voltage F27-DCV input voltage	10	
	QKC80E-40 capacity 80AH/5HR power KW 1.92KW charging current 13. 75 output voltage F56.8DCV input voltage	10	
	QKC80E-40 capacity 80AH/5HR power KW 1.92KW charging current 13. 75 output voltage E60.8DCV input voltage	10	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00790	Mobile lab. For air pollution monitoring (sampling and analysis system)containing ( high volume sampler for measuring total suspended particulates (T.S.P.) , carbon monoxide (CO)analyzer ,Sulfur Oxides (SOx)analyzer ,Total hydrocarbon (THC)analyzer, Ozone (O3) analyzer Hydrogen sulfide (H2S) analyzer with standard calibration gases for the above analyzers instrument for mearing the meteological parameters (wind speed and dirction temp and Humidty ) in addition to especially programmed computer and calbration unit and data handling unit for the above instruments and electrical power generator	20	
02-06-00791	Mobile water lab. Carried by a car containing ( pH meter, turbidometer, portable spectrophotometer & spectrophotometer with U.V lamp , dissolved oxygen meter, COD reactor , TOC analyzer, deionizer , distillator, refrigerator , electrical generator	20	
02-06-00792	Mobile lab. for monitoring Environmental Background Radiation with all accessories containing :	15	
02-06-00793	Sodium iodide crystal with multichemical analyzer	15	
02-06-00794	Portable dust samplers	15	
02-06-00795	Portable dose (dose- rate) meter	15	
02-06-00796	automatic developing and fixing system for processing personal films	10	
	Accessories for Rotork analysis model 400 - CO analyzer (Rotork co ) :-	10	
02-06-00797	Mannual for model 400dual been infrared analyzer	10	
02-06-00798	Calibration gas cylinder ( 50 ppm )	10	
02-06-00799	boat for river survay ( 8 horse , using benzene as fule capacity 7 persons	32	
02-06-00800	power supply V in-pot 24V DC V out-pot 380V DC AM 30A KW 15KW capaste battrey 182*2	36	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00801	Passengers intercity staff bus .40 to 50 passengers,automatic doors ,diesel engine,air conditioned,apholestered chairs stainless steele fram,sliding glass windows with curtains,rubber mat floor, tinted windshield , stereo radio-recorder,ceiling hanging grips,	200	
	<b>AXIAL AEROFOIL AND PROPELLER EXHUST FAN</b>		
02-06-00802	R.F16 block location B TYPE axial aerofoil with motor inside case. capacity m3/hr 14000 external static pressure m.w.a 14000 external static pressure m.w.a 10 input kw 10 electric characterishi		
02-06-00803	R.F17 block location A TYPE axial aerofoil with motor inside case. capacity m3/hr 5950 external static pressure m.w.a 5950 external static pressure m.w.a 5 input kw 5 electric characterishi		
02-06-00804	R.F18 block location A TYPE axial aerofoil capacity m3/hr 4180 external static pressure m.w.a 4180 external static pressure m.w.a 7 input kw 7 electric characterishi		
02-06-00805	RF.19 block location A TYPE axial aerofoil capacity m3/hr 5830 external static pressure m.w.a 5830 external static pressure m.w.a 10 input kw 10 electric characterishi		
02-06-00806	RF.20 block location A TYPE axial aerofoil capacity m3/hr 2870 external static pressure m.w.a 2870 external static pressure m.w.a 10 input kw 10 electric characterishi		
02-06-00807	RF.21 block location A TYPE axial aerofoil capacity m3/hr 4280 external static pressure m.w.a 4280 external static pressure m.w.a 6 input kw 6 electric characterishi		
02-06-00808	RF.22 block location A TYPE axial aerofoil capacity m3/hr 2500 external static pressure m.w.a 2500 external static pressure m.w.a 7 input kw 7 electric characterishi		
02-06-00809	RF.23 block location A TYPE axial aerofoil capacity m3/hr 5000 external static pressure m.w.a 5000 external static pressure m.w.a 7 input kw 7 electric characterishi		
02-06-00810	EX.6 block location A"-ground TYPE axial wall mounted capacity m3/hr 1200 external static pressure m.w.a 1200 external static pressure m.w.a 5 input kw 5 electric characterishi		

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00811	EX.7 block location A"-ground TYPE axial wall mounted capacity m3/hr 2400 external static pressure m.w.a 2400 external static pressure m.w.a 5 input kw 5 electric characterishi		
02-06-00812	EX.8 block location A"-ground TYPE axial wall mounted capacity m3/hr 450 external static pressure m.w.a 450 external static pressure m.w.a 3.5 input kw 3.5 electric characterishi		
02-06-00813	EX.9 block location A"-ground TYPE axial wall mounted capacity m3/hr 700 external static pressure m.w.a 700 external static pressure m.w.a 3 input kw 3 electric characterishi		
02-06-00814	EX.10 block location A"-ground TYPE axial wall mounted capacity m3/hr 3400 external static pressure m.w.a 3400 external static pressure m.w.a 6 input kw 6 electric characterishi		
02-06-00815	EX.11 block location A"-ground TYPE axial wall mounted capacity m3/hr 1900 external static pressure m.w.a 1900 external static pressure m.w.a 4 input kw 4 electric characterishi		
02-06-00816	EX.1 block location C1 TYPE propellen capacity m3/hr 2550 external static pressure m.w.a 2550 external static pressure m.w.a 4 input kw 4 electric characterishi		
02-06-00817	EX.2 block location C2 TYPE propellen capacity m3/hr 1100 external static pressure m.w.a 1100 external static pressure m.w.a 0 input kw 0 electric characterishi		
02-06-00818	EX.3 block location A" TYPE propellen capacity m3/hr 850 external static pressure m.w.a 850 external static pressure m.w.a 3 input kw 3 electric characterishi		
02-06-00819	EX.5 block location doct TYPE propellen capacity m3/hr 1000 external static pressure m.w.a 1000 external static pressure m.w.a 0 input kw 0 electric characterishi		
02-06-00820	EX.4 block location general TYPE propellen capacity m3/hr 500 external static pressure m.w.a 500 external static pressure m.w.a 0 input kw 0 electric characterishi		
	<b>ROOF EXTRACTOR SCHEDULE</b>		
02-06-00821	RE-5 block location A"-first TYPE roof extrachter capacity m3/hr 1600 external static pressure m.w.a 1600 external static pressure m.w.a 1 input kw 1 electric characterishi 0.5		



SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00822	RE-6 block location A"-first TYPE roof extrachter capacity m3/hr 500 external static pressure m.w.a 500 external static pressure m.w.a 1 input kw 1 electric characterishi 0.2		
02-06-00823	RE-25 block location A"-ground TYPE roof extrachter capacity m3/hr 1800 external static pressure m.w.a 1800 external static pressure m.w.a 1 input kw 1 electric characterishi 0.5		
02-06-00824	RE-26 block location A"-ground TYPE roof extrachter capacity m3/hr 700 external static pressure m.w.a 700 external static pressure m.w.a 1 input kw 1 electric characterishi 0.4		
02-06-00825	RE-27 block location A"-first TYPE roof extrachter capacity m3/hr 1300 external static pressure m.w.a 1300 external static pressure m.w.a 1 input kw 1 electric characterishi 0.4		
02-06-00826	RE-36 block location A"-first TYPE roof extrachter capacity m3/hr 500 external static pressure m.w.a 500 external static pressure m.w.a 2 input kw 2 electric characterishi 0.1		
02-06-00827	RE-17 block location B-ground TYPE roof extrachter capacity m3/hr 300 external static pressure m.w.a 300 external static pressure m.w.a 1 input kw 1 electric characterishi 0.2		
02-06-00828	RE-18 block location B-ground TYPE roof extrachter capacity m3/hr 1200 external static pressure m.w.a		
02-06-00829	RE-19 block location B-ground TYPE roof extrachter capacity m3/hr 3400 external static pressure m.w.a 3400 external static pressure m.w.a 1 input kw 1 electric characterishi 2		
02-06-00830	RE-20 block location B-ground TYPE roof extrachter capacity m3/hr 2210 external static pressure m.w.a 2210 external static pressure m.w.a 1 input kw 1 electric characterishi 2		
02-06-00831	RE-21 block location B-ground TYPE roof extrachter capacity m3/hr 1530 external static pressure m.w.a 1530 external static pressure m.w.a 1 input kw 1 electric characterishi 2		
02-06-00832	RE-22 block location B-ground TYPE roof extrachter capacity m3/hr 1020 external static pressure m.w.a 1020 external static pressure m.w.a 1 input kw 1 electric characterishi 0.7		

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00833	RE-23 block location A"-ground TYPE roof extrachter capacity m3/hr 2430 external static pressure m.w.a 2430 external static pressure m.w.a 1 input kw 1 electric characterishi 0.7		
02-06-00834	RE-35 block location A"-ground TYPE roof extrachter capacity m3/hr 1000 external static pressure m.w.a 1000 external static pressure m.w.a 2 input kw 2 electric characterishi 0.7		
02-06-00835	RE-34 block location A"-ground TYPE roof extrachter capacity m3/hr 500 external static pressure m.w.a 500 external static pressure m.w.a 1 input kw 1 electric characterishi 0.5		
02-06-00836	battery charger 24 VDC/ UP TO 100 AMP	200	
	battery charger 12 VDC/20 A	100	
	battery charger 110 VDC/60A	40	
	battery charger (12 - 96 ) VDC/10A	10	
02-06-00837	kerosene refrigertor 13ft	10	
02-06-00838	kerosene refrigertor 16ft	10	
02-06-00839	telephone exchange system capacity :- 50 line	2	
02-06-00840	water treatment plans for saddam hospital first :plan components	3	
	1- primary water tank (1m <sup>3</sup> )	1	
	2- duplex primary water pumps (6m <sup>3</sup> /h,2.5bar	2	
	3-pirmary filters (25u)	6	
	4-duplex water softeners (cataionic,5m <sup>3</sup> /h)	2	
	5-seconddry filters (5u)	6	
	6-duplex revers osmosis units (750L/hr)	2	
	7-stainless steel final tanks 1.5m <sup>3</sup>	1	
	8-duplex finaly water pumps (6m <sup>3</sup> /h , 2.5 bar)	2	
	9-distillation water electrical system (750L/hr)	1	
	second:special conditions 1-seller should install , operate and check the plant 2-seller should supply 5 - years spare parts 3- seller should supply operation and maintenance catologes 4- seller should train the technical staff during installation and intiol start-up in site and factory		

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00841	fire water pump horizontal power 3 REV sec 1500 suction MM 73.2 discharge MM 73.2 capacity L.S 5 L.S head M 15m	1	
02-06-00842	water pump for tank horizontal power 0.75 REV sec 1500 suction MM 24.4 discharge MM 24.4 capacity L.S 1.5 L.S head M 15m		
<b>electrical distribution</b>			
02-06-00843	circuit breaker no. of phases 3 no. of polese 4 voltage 380V amper amper	300	
02-06-00844	contractor no. of phases no. of polese 4 voltage 380v amper 60A	200	
02-06-00845	over load no. of phases no. of polese 3 voltage 380v amper 60A-40A	200	
02-06-00846	switch no. of phases no. of polese voltage 380v amper 60A-40A	30	
02-06-00847	oxygen supply station and equipment	5	
02-06-00848	flometer oxygen center : adapter	20	
02-06-00849	telephone instrument telephone instrument:- analogve type using both tone and pulse dialing ,suitable for electronic and cross bar exchanges	10,000	
02-06-00850	fan coil unit No. of fan 2 No. of motor 1 type of fan coil unit chiding horizontal water temp. (in- out)c 90 capacity (ton) 20	4	
02-06-00851	No. of fan No. of fan 21 No. of motor 21 type of fan coil unit chiding horizontal water temp. (in- out)c (6 - 10) , (15 - 20) capacity (ton) (1/4)	30	
02-06-00852	2 No. of fan 2 No. of motor 1 type of fan coil unit chiding horizontal water temp. (in-out)c (8 - 12) capacity (ton) (2-3)	21	
02-06-00853	21 No. of fan 2 No. of motor 1 type of fan coil unit chiding horizontal water temp. (in-out)c (8-6) , (58-60) capacity (ton) 550m <sup>3</sup> /h	171	
02-06-00854	2 No. of fan 2 No. of motor 1 type of fan coil unit chiding horizontal water temp. (in-out)c _ capacity (ton) 1	100	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-00855	motor control board complete motor control board , 3ph , star - delta starting with all nessecery contacters and fuses and protection devises, the power of the motor as bellow		
	3.5KW	25	
	4.5KW	30	
	5.5KW	10	
	15KW	10	
	11.5KW	45	
	55KW	10	
	75KW	10	
	22KW	50	
	30KW	15	
02-06-00856	briller type writer german type (portable)	100	
02-06-00857	record cassette japanese from (60) minate	5,000	
02-06-00858	record cassette (with out radio) japanese origin or european origin	100	
02-06-00859	full set of kits for repairingmaintainins equipment (microelectronic equipment) hearing aids	10	
02-06-00860	computer screen for weak resion person (weak sighted )	5	
02-06-00861	duplicator recorder cassette	5	
02-06-00862	electrical fitting required matrial fluoresent power 35W voltage 220V size TLD 4x35	500	
02-06-00863	chilled water pump kw 4 r.p.m 1500 Q L/S 41 Hm 7.5	20	
	kw kw 5.5 r.p.m 1500 Q L/S 20 Hm 20	50	
	4 kw 11 r.p.m 1500 Q L/S 27 Hm 35	30	
	5.5 kw 15 r.p.m 1500 Q L/S 30 Hm 30	30	
	11 kw 22 r.p.m 1500 Q L/S 65 Hm 24	20	
	15 kw 30 r.p.m 1500 Q L/S 42 Hm 42	100	
02-06-00864	water pump forsenitary (hot water) kw 3 r.p.m 3000 Q L/S 8.3 Hm 32	50	
	kw kw 5.5 r.p.m 1500 Q L/S 7 Hm 35	50	
	3 kw 11 r.p.m 3000 Q L/S 5.5 Hm 50	20	
02-06-00865	water pump for tank kw 0.75 r.p.m 3000 Q L/S 1.5 Hm 60	500	
	kw kw 3 r.p.m 1500 Q L/S 5 Hm 30	200	
	0.75 kw 5.5 r.p.m 1500 Q L/S 10 Hm 30	100	
	3 kw 7.5 r.p.m 1500 Q L/S 40 Hm 20	20	
	5.5 kw 15 r.p.m 1500 Q L/S 16.6 Hm 44	50	
	7.5 kw 22 r.p.m 1450 Q L/S 28 Hm 40	20	
	15 kw 7.5 r.p.m 3000 Q L/S 1.25 Hm 85	25	

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-866	1) Galvanized Steel Pipes And Fittings Galvanized steel pipes and fitting conforming to BS 1387 or equivalent with 10 bar working pressure, all joints shall be screwed to B.S. 21 up to 50mm diameters, on large diameters (65mm and over) flanged joints shall be used. Flange shall be conforming to B.S 4504 part 1.		
	1-1) Piping:- O 15 mm (6m length /piece)	2,500	Pieces
	O 20 mm	2,000	Pieces
	O 25 mm	1,500	Pieces
	O 32 mm	1,000	Pieces
	O 40 mm	1,000	Pieces
	O 50 mm	1,500	Pieces
	O 65 mm	1,000	Pieces
	O 75 mm	1,000	Pieces
	O 100 mm	500	Pieces
	1-2) Ditto:- but with 15 bar working pressure		
	O 100 mm (6m length / piece)	500	Pieces
	O 150 mm	300	Pieces
02-06-867	2) Copper Pipes And Fittings 2-1) Copper tubes and compression or capillary fittings to BS 2871 part 1 table x		
	O 10 mm	5,000	M.L
	O 15 mm	7,500	M.L
	O 22 mm	7,500	M.L
	O 28 mm	7,500	M.L
	O 35 mm	5,000	M.L
	O 42 mm	5,000	M.L
	O 54 mm	5,000	M.L
	O 67 mm	5,000	M.L
	O 76.1 mm	6,000	M.L
	O 108 mm	4,000	M.L
	O 159 mm	3,500	M.L
	2-2) Ditto:- but to BS 2871 part 1 table T with fittings		
	O 35 mm	3,000	M.L
	O 42 mm	3,000	M.L

SECTOR: Health  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	O 54 mm	5,000	M.L
	O 67 mm	4,000	M.L
	O 76.1 mm	4,000	M.L
	O 108 mm	3,500	M.L
02-06-868	3) Ductile Iron Pipe And Fittings Ductile iron pipes and fittings according to BS 4772 jointing should be flanged type with rubber gasket with 15 bar working pressure.		
	O 75 mm (6 m length / piece)	500	Pieces
	O 100 mm	750	Pieces
	O 125 mm	750	Pieces
	O 150 mm	1,000	Pieces
	O 200 mm	2,000	Pieces
	O 250 mm	1,500	Pieces
	O 300 mm	1,500	Pieces
	O 350 mm	1,500	Pieces
	O 400 mm	1,000	Pieces
02-06-869	4) Cast Iron Pipes And Fittings 4-1) Socketless cast iron pipes and fittings in accordance with BS 437 or equivalent for drain pipes and fittings complete with coupling and rubber gasket		
	O 50 mm (3m length / piece)	1,000	Pieces
	O 75 mm	500	Pieces
	O 100 mm	1,250	Pieces
	O 150 mm	1,000	Pieces
	O 200 mm	1,000	Pieces
	O 250 mm	1,200	Pieces
	O 300 mm	750	Pieces
	4-2) Ditto, but conform to BS 416 for soil, waste and ventilation		

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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	O 50 mm (3m length / piece)	750	Pieces
	O 75 mm	500	Pieces
	O 100 mm	1,000	Pieces
	O 150 mm	500	Pieces
	O 200 mm	350	Pieces
	4-3) Ditto, but conform to BS 460 for roof drainage		
	O 75 mm (3m length / piece)	250	Pieces
	O 100 mm	750	Pieces
	O 150 mm	300	Pieces
	4-4) Ditto, but for roof outlets		
	- vertical type		
	O 75 mm	50	NOS
	O 100 mm	100	NOS
	O 150 mm	70	NOS
	- horizontal type		
	O 75 mm	50	NOS
	O 100 mm	100	NOS
	O 150 mm	60	NOS
02-06-870	5) Sectional Pressed Steel Tanks Sectional pressed steel tanks shall be consists of (1x1)m dimensions galvanized plates modular or (1.22 x 1.22) m to BS 1564. All plates shall be of 6 mm thickness, the cover shall be of 3 mm thickness. The tanks have compartments. The tank plate shall be of external flange construction and bolting with suitable gasket materials. All piping connections shall be flanged type. The tank should be provided with all necessary accessories such as floats ventilators, manhole opening, inside and outside ladder, over flow and drain pipes with level indicator .... Etc. Strip jointing must be provided for all joints.		
	5-1) Pressed steel tank of 100 m <sup>3</sup>	1	No.
	5-2) Pressed steel tank of 280 m <sup>3</sup>	1	No.

SECTOR: Health  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-871	<p>6) Water Service Booster Pump Set</p> <p>6-1) Three centrifugal pumps, direct coupled, end suction type arranged to run as two duty/one standby. The pumps have the following specifications:            Q= 15m<sup>3</sup>/hr - H= 65m            Casing:- cast iron            Impeller:- bronze            shaft:- stainless steel            Seal:- mechanical            Insulation:- class F            IP:- 54 suitable for 380V/ 3pH/ 50Hz</p> <p>6-2) Two pneumatic pressure vessel of 2m<sup>3</sup> capacity and 10 bar working pressure.            complete with oil free compressor</p> <p>6-3) All necessary accessories such as isolating valves on suction and discharge, non return valves, pressure and flow gauges, pressure switches...etc.</p> <p>6-4) Control panel</p>		
	The whole assembly shall be mounted on a purpose mode base from complete with steel pipe work, pipe supports and lifting lugs.	1	unit
02-06-872	<p>7) Fire Fighting Pumps Set (Wetriser)</p> <p>7-1) Ditto, as item 6-1, but two multistage pumps (horizontal type, one duty / one stand by)            Q= 90 m<sup>3</sup>/hr            H= 90M</p> <p>7-2) Ditto, as item 6-1, but one pump multistage vertical type with Q= 10m<sup>3</sup>/hr            H= 90M (as Jocky pump)</p> <p>7-3) Ditto, as item 6-3</p>		
	7-4) Ditto as item 6-4	1	unit
02-06-873	8) Fire Fighting Pumps Set (Hose Reel)		
	Ditto, as item (7), but without providing Jocky pump. Q= 8m <sup>3</sup> /hr - H=75m	1	unit



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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-874	9) Drainage Submersible Pumps Set Fully automatic drainage pump set, comprises of two pumps, non clogging type, motor squirrelcage, 3pH with class F insulation, complete with guide rails for retaining pump position, and chain shall be attached to the pump. The set shall be complete with isolating valves, non return valves, pressure swtiches...etc. Electrical floats shall be provided to control water level. Casing:- cast iron Impeller:- cast iron shaft:- stainless steel Seal:- mechanical		
	9-1) Q= 25m <sup>3</sup> /hr - H=10M	10	unit
	9-2) Q= 20m <sup>3</sup> /hr - H=12M	10	unit
	9-3) Q= 15m <sup>3</sup> /hr - H=12M	10	unit
	9-4) Q= 10m <sup>3</sup> /hr - H= 10M	10	unit
	9-5) Q= 5m <sup>3</sup> /hr - H=12M	10	unit
02-06-875	10) Sewage Submersible Pumps Ditto for sewage submersible pumps:		
	10-1) 20m <sup>3</sup> /hr - H=10M	10	unit
	10-2) 10m <sup>3</sup> /hr - H=10M	10	unit
	10-3) 5m <sup>3</sup> /hr - H=12M	10	unit
	10-4) 3m <sup>3</sup> /hr - H=12M	10	unit
02-06-876	11) Circulating Pumps Units Electrical inline circulator pumps with vairable velocities. Motor of non-over loading characteristics with by passarrangement, valves, timer... etc. The unit shall be complete with control panel.		
	Q= 5m <sup>3</sup> /hr - H=12	8	unit
02-06-877	12) Make-up Boosting Pumps Set (Cooling Tower) Ditto as item 6 but with the following specification: 12) Make-up Boosting Pumps Set (Cooling Tower) Ditto as item 6 but with the following specification:- Q= 20m <sup>3</sup> /hr H= 35M		
	Complete with two diaphragm pressure vessel of capacity 500 liter per each.	1	unit

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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-878	13) Water Softener Fully automatic duplex softener complete with necessary accessories such as piping, valves, flow meters, pressure gauges complete with control panel ... etc. Flow rate= 20m <sup>3</sup> /hr Inlet pressure= 1.5bar		
	working pressure= 10bar	1	unit
02-06-879	14) Heavy Duty Filters Fully automatic packaged unit high rate muliti-layered sand filters complete with main operating valves , pipes and fitting ,flow control , controls, filter media and accessories such as pressure gauges ,cocks for inlet and outlet with 10 bar working pressure.		
	14-1) Flow rate 30 m3/hr	1	No.
	14-2) Flow rate 60 m3/hr	1	No.
02-06-880	15) Activated carbon Filters Ditto , but with activated carbon beds with 10 bar working pressure		
	15-1) Flow rate 25 m3/hr	1	No.
	15-2) Flow rate 50 m3/hr	1	No.
02-06-881	16) Cast iron adaptor 16-1) Cast iron ( mentioned in item 4 ) adaptor to be connected with upvc pipes conform to BS 4514 . For soil and ventilating pipe :		
	50 mm	100	Nos
	75 mm	80	Nos
	100 mm	100	Nos
	150 mm	60	Nos
	200 mm	45	Nos
	16-2) Ditto but be connected with pvc pipes		
	50 mm	150	Nos
	75 mm	75	Nos
	100 mm	90	Nos
	150 mm	50	Nos
02-06-882	17) Flexible Hose 17-1) Rubber flexible hose used for connection between sanitary fixture and feeding water pipes :		
	working pressure 3.5 bar diam 15 mm	300	Nos
	17-2) Ditto, but copper hose working pressure 7 bar diam 15 mm	500	Nos
02-06-883	18) Sanitary Fixtures Vitrus china (or equivelant) sanitary fixtures of white colour .All fixtures shall be of the best quality .		

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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	18-1) Eastern style we ( 100 mm s trap) supplied with vitrus china cistern of 14 lit capacity complete with ball valve and float .All wcs shall be provided with accessories.	80	Nos
	18-2) Ditto , but "P" trap	75	Nos
	18-3) Ditto , but western style wc supplied with cast iron cistern of 14 lit-capacity complete with ball valve and flood, chain.All wc's shall be provided with 32 mm flush pipe and 15 mm chromium flexible hose of 0.75m length and 3.5 bar resisting pressure.The hose completed with 10 mm chromium nozzle. 18-4) Ditto ,but wash basin complete with vitrus china stands, shelves and soap trys.All the wash basins shall be provided with:	70	Nos
	25mm chromium bottle (or"p") trap		
	15mm chromium plated mixer and 3.5 bar resisting pressure	300	Nos.
	18-5) Ditto ,but bedit complete with:-		
	- 40 mm chromium plated bottle trap ( or 'P')		
	-15 mm chromium mixer and 3.5 bar resisting pressure.	100	Nos.
	18-6) Cast iron shower tray , complete with 15 mm chromium plated mixer with 15 mm flexible chrom. Hose ended with chrom. head shower ( resisting pressure 3.5 bar ) .The flexible hose has the alternative of being fixed on wall.Complete with all accessories such as soap tray ...etc		
	- Tray size 800x800	100	Nos
	18-7) Ditto, but bath tub , complete with		
	15 mm chromium mixer with 15 chromium tube with head shower .The bath shall be provided with MM 15 chromium flexible hose ended with shower . All the bath tubs shall be provided with accessories such as soap tray , chromium handle , 40 mm chromium bottle 'p' trap	50	Nos
	18-8) Ditto as 18-5, but for urinal complete with - 9 lit vitrus china automatic cisternen complete with flushing pipe - 32 mm chromium plated bottle trap ('p' trap )		
	- partitions	60	Nos
02-06-884	19) Grease+B778+B753 Trap+B742+B726		

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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	Cast iron grease trap with 100 MM mm outlet with access at ground level, supplied with single seal cover and frame and screwed flange for 50 mm vent , supplied with galvanized sediment pans .	30	Nos
02-06-885	20) Covers and Frames 20-1) Medium duty double sealed cast iron cover and frames with the following size :		
	REF! C25525 mm	120	Nos.
	- 600 x 450 mm	50	Nos.
	- 900 x 600 mm	70	Nos.
	20-2) Ditto, but heavy duty		
	- Diam 550 mm	200	Nos.
	20-3) Ditto, but heavy medium grating and frames		
	600 x 450	100	Nos.
	20-4) Ditto, but for Hydrant cover and frame		
	500 x 350	100	Nos.
	20-5) Ditto, but special purpose covers and frames have a single seal and supplied with 4 brass screws.		
	The top is recessed for filling to material match the surrounding surfaces.	75	Nos.
	20-6) Ditto, but roadway gratings and frames		
	500 x 350	500	Nos.
	20-7) Ditto, but heavy duty cast iron channel grating , supplied with lugs cast at 30 cm centers.		
	Size 100 x 30 cm	500	Nos.
02-06-886	21) Pillar Fire Hydrant		
	21-1) A pillar fire hydrant consists of a body equipped with "3" nozzles , one forward 100 mm and two side ways 65 mm . The body projects a bove ground level .The valve box containing the closure device below ground between these two main 100 mm diam. stand pipe , the hydrant shall be completed with a screw - down system for opening and closing , automatic drainage device and on air inlet device . All the iron fire hydrant are coated with red polyurethane paint , the threading shall be to BS 750	50	Nos.
	21-2) Ditto,but consists of 2 nozzels 80 mm forward nozzel and 65 mm side way nozzel	50	Nos.
	21-3) Ditto , but fire and washing hydrant consists of iron body . The box enclosing on outlet nozzel . It has a detachable ductile iron lid.		
	80 mm hydrant	50	Nos

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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	65mm nozzle		
02-06-887	22) Hose Reel & Wet Riser / Cabinet		
	22-1) Hose reel cabinet accommodates a manually or automatically operated swinging hose reel which can be combined with a matching wet riser or extinguisher cabinet .		
	Door have right opening and swing through a full 180 : Size :- 1350 x 810 x 355 mm Construction :- steel . Door panel shall be provided with stainless steel finger panel Capacity :- 30 x 19 mm dia Nozzle :- jet ( hose reel )		
	Pressure:- max. operation pressure 10 bar 22-2) Ditto, swinging open wall hose reel Diam:- 560 mm Overall height:- 610 mm	25	Nos.
	Width:- 250 mm	10	Nos.
02-06-888	23) Dimener lized water Full automatic , Duplex Dimenerlizer complete with necessary accessories such as piping , regulating valves , valves , flow meters , pressure gauges complete with control panel ....etc. - flow meter 25 m3/hr - inlet pressure 1.5 bar		
	- working presure 10 bar	1	set
02-06-889	24) Distilled Water Ditto , but Duplex Distiller , but of flow rate		
	20 m3/hr	1	set

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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-890	Centrifugal Water Chiller Type - Centrifugal , water cooled Compressor and motor The compressor - motor combination shall be Hermatic construction complete with starter and capacitor for power factor correction .The motor power is 3-phase 380 volt, 50 HZ with main power factor of 0.91 at full load Cooler and Condenser Cooler and condenser shall be shell and tube designed for ( 10 ) atm water side working pressure Control Panel Automatic control panel shall be electronic type including all safety devices. Evaporator Data Fouling factor =0.0002 m <sup>2</sup> .hr.Cú/Kcal Ent. Water temp .=11.6Cú Leav. Water temp .=6 Cú Max. water pressure drop =6 M.water Gauge Condenser Data Fouling factor= 0.0004 m <sup>3</sup> .hr.Cú/kcal Ent. Water Temp = 29.4 Cú Leav. Water Temp =35 Cú Max. water pressure drop =7 M.water Gauge		
	Capacity 1200 000 kcal/hr ( 400 ton )	4	Nos.

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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-891	Hot Water Boiler Type IN _ LINE Electric Tank shall be constructed from low carbon steel - working pressure 7.5 bar Heating Elements shall be of immersion type copper sheath of 11.6 watt/cm2 max.density Control proportional temperature control with multi - step control complete with control board and all safety devices		
	capacity 650 kw	4	Nos
02-06-892	Pumps Type End - section centrifugal oase mounted , direct coupled Impeller Material Bronze Shaft material stainless steel seal -Mechanical Motor squirrel cage, drip proof type 1450 R.P.M Base Material cast iron or welded steel chiled water pump capacity 61 L/S		
	Head 45 m	4	Nos .
	Hot water pump capacity 14 L/S		
	Head 42 m	4	Nos .
	Condenser water pump capacity 76 - L/S		
	Head 18 m	4	Nos .
02-06-893	Cooling Tower Type- outdoor forced draft casino - hot dip galvanized steel of min thickness 1.6 mm Lowers , eliminators and air inlet screen are hot dip galvanized steel Full: shall be polyvinal		

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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	Basin- shall be hot dip galvanized steel of min - thickness 3.5 mm Water distribution shall be galvanized steel pipes with bronze non - clog spray nozzles Motors Outdoor use with class " F" insulation Electric power 3 phase / 380v/50HZ Water Temp IN- 35 Cú out 29.4 Cú Out door wet bulb temp- 27 Cú Heat Rejection Capacity		
	1500 000 K cal/ HR	4	Nos
02-06-894	Roof Top Packaged A/C unit - Air Cooled Max ambient outdoor working temp -52Cú Entering Air temp to condenser -46Cú Unit shall be complete with filter thermostat		
	Capacity 69000 kcal/hr	10	Nos.
	Capacity 56000 kcal/hr	8	Nos.
	Capacity 45000 kcal / hr	8	Nos.
	Capacity 33000Kcal / hr	6	Nos.
02-06-895	Roof Ventilator Horizontal discharge Power 400v/3ph/50 hz Unit shall be complete with back draught shutter, bird guard local isolating switch and speed control External static pressure 6mm .W.G		
	Capacity 1200 m3/hr	10	Nos.
	Capacity 2000 m3/hr	10	Nos.
	Capacity 3000 m3 /hr	10	Nos.
	Capacity 4000 m3/hr	10	Nos.
02-06-896	Supply Air Linear slot diffuser Diffuser shall be constructed from Aluminum natural colour solt width 19mm integral volume control damper,fully adjustable from the face of the diffuser complete with air deflection blode+B400s,mounting bracket.		



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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	A) 3 SLOT	1,000	M.L
	B) 4 SLOT	1,000	M.L
	C) 5 SLOT	600	M.L
02-06-897	Supply Air square diffuser alumin. construction complete with volume control damper of opposed blade type		
	A) size (neck)mm 225x225	200	Nos.
	B) 300x 300	300	Nos.
	C)375 x 375	300	Nos.
02-06-898	Supply Air Re+B224gister aluminum construction with volume control damper. adjustable front horizontal bars and rear vertical adjus. bars neck size ( B x H) mm		
	400 x 150	100	Nos.
	500 x 150	100	Nos.
	600 x 150	100	Nos.
	700 x 150	100	Nos.
	800 x 200	100	Nos.
	900 x 200	100	Nos.
02-06-899	Exhaust Air Valve shall be aluminum white colour complete with counter frame nominal diameter mm		
	Diam. 100	20	Nos.
	Diam. 150	20	Nos.
02-06-900	Piping Black steel class B,schedule 40,with 10.5 Kg/cm2, seamless with fittings.B432 pipe size(mm diam.)		
	300	500	M.L
	250	1,000	M.L
	200	1,000	M.L
	150	2,000	M.L
	125	2,000	M.L
	100	3,000	M.L
	80	3,000	M.L
	65	3,000	M.L
	50	5,000	M.L

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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	40	5,000	M.L
	32	5,000	M.L
	25	5,000	M.L
	20	5,000	M.L
	15	5,000	M.L
02-06-901	VALES		
	cast iron gate valve with flanges 10.5 kg/cm2		
	250 mm	50	Nos.
	200 mm	60	Nos.
	150 mm	60	Nos
	125 mm	60	Nos
	100 mm	60	Nos
	80 mm	40	Nos
	65mm	40	Nos
	Bronze gate valve serewed end- non-rising stem		
	50 mm	100	Nos
	40mm	100	Nos
	32 mm	100	Nos
	25mm	100	Nos.
	20 mm	100	Nos.
	15 mm	200	Nos.
02-06-902	Galvanized sheet steel Galvanized sheet steel (duct moterial) U.S steel gouge		
	18	25	TON
	20	50	TON
	22	50	TON
	24	25	TON
02-06-903	Duct thermal insulation		
	fiber glass.flexible blanket type.25mm thick with vapour barrier consisting of 0.05mm aluminium : foil reinforced with kraft paper and glass fibre .Density of 24 kg per cubic meter	100 000	M <sup>2</sup>

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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
02-06-904	Pipe insulation sectional fibre glass with aluminum density of 48 kg/m <sup>3</sup> , factor applied vapour barrier jacket of minimum 0.05 aluminium foil laminated to kraft paper reinforced with glass fibers. insulation nominal thickness Bore(mm) mm up to 65 25 80-150 40 200 and larger 50 size (mm diam.)		
	300	500	M.L
	250	1,000	M.L
	200	2,000	M.L
	150	2,000	M.L
	125	3,000	M.L
	100	3,000	M.L
	80	3,000	M.L
	65	5,000	M.L
	50	5,000	M.L
	40	5,000	M.L
	32	5,000	M.L
	25	5,000	M.L
	20	5,000	M.L
	15	5,000	M.L
	<b>CABLES &amp; WIRES</b>		
02-06-905	A) Power cables: - Low tension cables stranded copper conductors, PVC insulated, all cores color colour coded PVC inner sheath, high 600/1000 V impactPVC outer sheath black, rated voltage voltage 600/1000vgenerally to BS 6346 or to VDE 0271 NYY-J 0.9.86.		
	A-1) 4 x 2.5 mm <sup>2</sup> NYY-J	5,000	M.L
	A-2) 4 x 4 mm <sup>2</sup> NYY-J	5,000	M.L
	A-3) 4 x 6 mm <sup>2</sup> NYY-J	5,000	M.L
	A-4) 4 x 10 mm <sup>2</sup> NYY-J	5,000	M.L
	A-5) 4 x 16 mm <sup>2</sup> NYY-J	5,000	M.L
	A-6) 3 x 25 + 16 mm <sup>2</sup> NYY-J	5,000	M.L
	A-7) 3 x 35 + 16 mm <sup>2</sup> NYY-J	6,000	M.L
	A-8) 3 x 50 + 25 mm <sup>2</sup> NYY-J	5,000	M.L

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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	A-9 3 x 95 + 50 mm <sup>2</sup> NYY-J	5,000	M.L
	A-10) 3 x 120 + 70 mm <sup>2</sup> NYY-J	5,000	M.L
	A-11 3 x 150 + 70 mm <sup>2</sup> NYY-J	5,000	M.L
	A-12) 3 x 240 + 120 mm <sup>2</sup> NYY-J	3,000	M.L
	A-13 3 x 300 + 150 mm <sup>2</sup> NYY-J	3,000	M.L
	A-14) 4 x 6 mm <sup>2</sup> PVC/SWA/PVC	5,000	M.L
	A-15 4 x 10 mm <sup>2</sup> PVC/SWA/PVC	5,000	M.L
	A-16) 4 x 16 mm <sup>2</sup> PVC/SWA/PVC	5,000	M.L
	A-17) 3 x 25 + 16 mm <sup>2</sup> PVC/SWA/PVC	5,000	M.L
	A-18) 3 x 35 +16 mm <sup>2</sup> PVC/SWA/PVC	5,000	M.L
	A-19) 3 x 50 + 25 mm <sup>2</sup> PVC/SWA/PVC	5,000	M.L
	A-20 3 x 70 + 35 mm <sup>2</sup> PVC/SWA/PVC	5,000	M.L
	A-21) 3 x 70 + 35 mm <sup>2</sup> NYY-J	5,000	M.L
02-06-906	B) Wires: Single wires, copper stranded core PVC insulated, rated 70 permanent and 160c short circuit, rated voltage 450/750v generally to BS 6004 or to vde 0250 type nya Packing: 100 yds each coil in specified. colours B-1 2.5 mm <sup>2</sup>		
	Red	1,500	Coils
	Black	1,500	Coils
	Blue	1,500	Coils
	Yellow	1,500	Coils
	Grn/Ylw	1,500	Coils
	B-2 1.5 mm <sup>2</sup>		
	Red	1,000	Coils
	Black	1,000	Coils
	Blue	1,000	Coils
	Yellow	1,000	Coils
	Grn/Ylw	1,000	Coils
	B-3 4mm <sup>2</sup>		
	Red	500	Coils
	Black	500	Coils
	Blue	500	Coils
	Yellow	500	Coils
	Grn/Ylw	500	Coils
	B-4 6mm <sup>2</sup>		
	Red	500	Coils
	Black	500	Coils
	Blue	500	Coils
	Yellow	500	Coils
	Grn/Ylw	500	Coils
02-06-907	Telephone Cables & Accessories A) Telephone cables: - PVC/Bare copper conductor 0.6mm/tinned /PVC A-1) 10 pair.	5,000	M.L

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 Subsector:  
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 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	A-2) 20 pair.	5,000	M.L
	A-3) 30 pair.	5,000	M.L
	Packing: on wooden drums.		
	B) Accessories: - Terminal Box-Flush Mounted Steel Grey / rust proof + Terminal block.		
	B-1) 10 pair.	50	No.
	B-2) 20 pair.	50	No.
	B-3) 30 pair.	50	No.
	B-4) 100 pair.	20	No.
02-06-908	Conduit & Accessories A) Size 20mm: - A-1 Hot dip galvanized heavy gauge steel conduit, screwed both ends, one coupler, 3.75m long to BS 4568.		
	coupler, 3.75m long to BS 4568.	10,000	Cond
	A-2 Galvanized circular malleable iron junction boxes.		
	Terminal	2,000	No.
	Through	5,000	No.
	Angle	2,000	No.
	Tee	2,000	No.
	Intersection	3,000	No.
	B) Size 25mm:		
	B-1 Hot dip galvanized heavy gauge steel conduit, screwed both ends, one coupler, 3.75m long to BS 4568.	5,000	Cond
	B-2 Galvanized circular malleable iron junction boxes.		
	Terminal	1,000	No.
	Through	1,000	No.
	Angle	1,000	No.
	Tee	1,000	No.
	Intersection	1,000	No.
	C) Draw in steel tape:		
	C-1 20m length	50	No.
	C-2 30m length	50	No.
	D) Complete set comprising stock dies & guides: -		
	D-1 20+25 mm	20	set
02-06-909	A -Panel distribution boards: Three-phase and neutral distribution borads voltage 415v AC 50 HZ BS 5486 IP230 with door and lock to fixed in the wall (flush type) with Earthling terminal bus bars and with		
	A-1 Distribution board 6 triple pole MCB ways	25	NOS.
	Main in coming 100A MCB three phase		

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	Single poles MCB 15A.	10	NOS
	Single poles MCB 30A .	8	NOS
	A-2 Distribution board 8 triple pole MCB	25	NOS.
	ways-		
	Main in coming 100A MCB three phase		
	Single poles MCB 15A.	15	NOS.
	Single poles MCB 30A.	9	NOS.
	A-3 distribution bord 12 triple pole mcb	25	NOS.
	warpmain Incoming 160 mcb three phase		
	single pole mcb 15 A	20	NOS.
	single pole mcb 30 A	16	NOS.
	A-4 SPARES		
	single pole mcb 15 A	100	NOS
	single pole mcb 30 A	100	NOS
02-06-910	Switches and Sockets A- SWITCHES Switches 250v 15 or 20 amp fluch mounting-white cover		
	A-1 one way 1 gang	500	NOS
	A-2 two way 1 gang	500	NOS
	A-3 one way 2 gang	500	NOS
	A-4 one way 2 gang	500	NOS
	A-5 one way 3 gang	500	NOS
	A-6 one way 4 gang	500	NOS
	B-SWITCHES SOCKETS 3 pin Rectangular bs 2814- 13 or 15 Amp Fluch mounting-white cover Bs 1863		
	B-1 3pin rectangulaectan-13 Amp	5,000	NOS
	B-2 3pin rectangulaectan-Duplex13 Amp	5,000	NOS
	B-3 3pin rectangulaectan-15 Amp	5,000	NOS
	B-4 2Amp Telephone socket	5,000	NOS
	B-5 T.V socket single out let	1,000	NOS
02-06-911	Fire Alarm System A-1) central Indication and control panel suitable for 6 fire zones with fire alarm bell complete with all safety device and outomatic charger including nickel cadmium battery with connection to the		
	central Indicating and control board / No.C741	1	No.
	A-2)Manual call station break glass units- surface mounted- red colour the glasses		
	can be supplied in english language	15	NOS

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	A-3) complete with amounting base outomatic smoke detector off white coulor withvisual of an alarm is given by red light diode clearlyn visble on the detector casing		
	ambient temp range (0c- 50c)	70	NOS
	A-4)complete with a amounting base amount- ing heat detector with visual Indication of an alarm is given by red- light diode, clearly visble on detector with base off		
	white colour ambient range (0c- 40c)	10	NOS
	A-5) Indoor fire alarm bell 24v.Ds black poly- carbonete base.6" hight reliability, long running life and easy installation,nomain-		
	tenace in normal use.	15	NOS
02-06-912	Light fittings: NOTE: Below mentioned fluorescent fittings . are security quick startPower factor not lessthan 0.9 Lagging 240 volt-AC 50HZ. A-1) 2 x 40w fluoresent fitting with Lamella		
	louver -recessed mouting	400	NOS
	A-2) 2 x 40w fluoresent fitting with Lamella .		
	louvre-Surface mounting	250	NOS
	A-3) 1 x 40w fluoresent fitting with Lamella		
	lovre-Recessed mounting.	400	NOS
	A-4) 1 x 40w fluoresent fitting with Opal		
	Diffuser-Surface mounting.	250	NOS
	A-5) 2 x 20w fluoresent light fitting with Opal Diffuser-Surface mounting.	500	NOS
	A-6)4 x 20w fluoresent light fitting with Opal Diffuser-Surface mounting.	500	NOS
	A-7)60 X 60 cm Fluorescent light with lamela diffuser	400	NOS
02-06-913	Aluminum false ceiling closed type with all fixing accessories		
	30 x 60 cms	4,000	M <sup>2</sup>
	30 x120 cms	4,000	M <sup>2</sup>
	60 x 60 cms	12,000	M <sup>2</sup>
	10 x 360 cms	5,000	M <sup>2</sup>
	suspension accessories and angle bead	25,000	M <sup>2</sup>
02-06-914	Door closers Yale type or equivalent with all accessories	100	No.
02-06-915	Expansion joint beads made of stainless steel, 0.5mm thick	500	M.L

SECTOR: Health  
 Subsector:  
 PROJECT or REHAPETILATION EQUIPMENT  
 TITLE:

CODE	DESCRIPTION	QTY	UNIT
	Floor type	200	M.L
	Wall type	450	M.L
	Ceiling type	100	M.L
02-06-916	Special doors frames and door leaves different dimensions,with door handles (cylinder and bath).	450	No.
02-06-917	Anti static Vinyl tiles 120cm width, 3.5 mm thickness, with welding rods and fixing materials.	500	M <sup>2</sup>
02-06-918	Ceramic tiles 10 x 10 cm, 6mm thick, non-slip ceramic	3,500	M <sup>2</sup>
02-06-919	Epoxy paints for walls	3,000	Lit
02-06-920	Metal Lath 60 x 240 cm, weight 1.7 kg/m2	5,000	M <sup>2</sup>
02-06-00921	diesel pump HP 60-75 r.p.m 1450 Q m <sup>3</sup> /hr 200 Hm 60	5	
02-06-00922	electrical pump HP 60-75 r.p.m 1450 Q m <sup>3</sup> /hr 200 Hm 60	5	
02-06-00923	NON-ION IC WATER SYSTEM capasity:- 100l distil water 10 l/hr conductivity (mixing of +and -) :-( .1-.5) Us	1	