

BOQ for construction of visitors waiting hall in National ID building in Baiji / Salahadien governorate				
General Specification				
1	All works and the materials supplied by the contractor must be in according with the relevant Iraq's standard Specifications (It's the contractor responsibility to obtain any relevant Iraqi specifications by visiting ministry of constructio.			
2	The contractor must provide samples, catalogues for testing / inspection and approval by the site engineer.			
3	Contractor must pay the cost for samples including any laboratory tests, both inside and outside the country as required.			
4	The price of works includes all job requirements as per Iraq's standard specification.			
5	The contractor must provide PPE for all laborer's, personnel, engineers and possible visitors to the site.			
A	Visitor waiting hall (4.0x15.0m)	Unit	Quantity	Unit price \$
1	Filling works: Supply of materials, tools and manpower for filling (in layers not exceeding 25cm, including compaction up to 95% of MDD) with sub base (type C) up to DPC level inside the building and where required within the area inside the fence such as aprons, walkways, garden, etc. The price includes removing undesired plants and other natural vegetation and excavation the area to the required level. All needed work to complete the job will be included within the price.	m ³	40	
2	Concrete floors: Supply of materials, tools and manpower to cast concrete with BRC (150*150*6mm) (C25MPa) for floors, 15 cm thickness using sulphate resistant cement. All needed work to complete the job will be included within the price.	m ²	80	
3	Waiting Room Caravan Cabin (4.0x15.0*3m): Supply of materials, tools and manpower to install a prefab waiting cabin 15m length, 4m width, 3m height and includes: <ul style="list-style-type: none"> fabricated from 5cm thickness sandwich panel walls, the roof shall be 5cm corrugated sandwich panel. The drainage water is via slopped roof, gutter and 75mm UPVC rainwater Pipe. the Caravan formed of 3-PVC Window (1mx1m) &, 2-PVC Door (1.0mx2.0m). column are made of (10x10x0.2 cm) square black steel tube, (10x5x0.2 cm) rectangular steel tube used for fixing walls, Roof frame is made of (5x2.5x0.2 cm) rectangular black steel tube, required numbers tubes of above dimensions shall be welded in longitudinal & transversal directions. all steel sections should be paint one-layer inti-corrosion and two layers oil. The main frame fixed in concrete floor (beams and columns). <ul style="list-style-type: none"> The ground shall be covered by surface finishing of ceramic from good type with Installation. All needed works to complete the job (screws, silicone), will be included within the price. See attached drawing.	NO.	1	
6	Gypsum board Suspended Ceiling : Supply of materials, tools and manpower to install gypsum board suspended ceiling 60x60 cm, 8mm thickness, by using necessary accessories L, T sections, hold down clips, galvanized steel rod 3.8mm (1.2x1.2m) for fixing with the ceiling by screws. The price includes supply and install panles with 7cm. All needed work to complete the job will be included within the price.	m ²	60	
7	Sub Distribution Board: Supply, establish, connect, and commission of new sub distribution board in steel box, isolated type, 1 MCB, and 12 circuits min. muality Amp for each circuit and according to the demand. All contents must be from equable reputed origin with all accessories & requirements. All needed work to complete the job will be included within the price.	NO.	1	
8	Electrical room Connecting: Provision of materials, tools, manpower to connect the room with main electrical board by good quality electrical copper cable (2*10)mm. The price includes excavating the earth 40 cm deep and 20cm width and passing the cables through plastic pipe inside and outside the building. All needed work to complete the job will be included within the price.	m.l	20	
9	Internal LED Spot Lighting fixture(24W) for the caravan: Supply, install, connect and commission spot lighting fixtures, LED (240VAC/24W), complete set with all accessories such as base, LED drive, metal heat dissipation , glass, reflector includes wiring with 1.0 kV grade 2*1.5mm ² PVC insulated copper cable/wires laid inside concealed PVC pipe (25 mm dia) with 6 A switches with all accessories. The price include supply, install of wires, pvc pipes, switch, accessories, works(cutting, drilling, repairing,. etc.) and any other to complete the work	No.	16	

10	External Lighting for the caravan: Provision of materials and work to supply and install external light weatherproof outdoor type (1X22 W) economic bulb light complete with frame, the work includes necessary wiring (2 X 1.5 mm2) and switch with all accessories needed to complete the work.	No.	5		
12	Wiring 2.5mm².with Switch13A: Supply materials and manpower to install and connection and test electrical socket switch 13A using 2*2.5mm ² wire passing through 2.5cm.plastic pipe with switch and connection earth and all connections and accessories.Allneeded work to complete the job will be included within the price.	No.	10		
13	Exhaust Fan 6 ": Provision of material and work to supply, install, connect and operate exhaust fan 6 in, The work includes all the required wiring, cable 2x1.5mm and fixation. All needed work to complete the job will be included within the price.	No.	3		
13	Split Unit Air-Conditioning (2 ton): Supply, install , connect and commission wall mounted Split unit Air-conditioning (Cool & Heat) 2ton, (24,000 btuh) for the (Caravan), Technical specification and Type of compressor T3, Type of refri. gas(R410a) includes wiring/connecting with 1.0 kV grade 2*4mm ² PVC isolated copper cable/wires laid inside existing concealed PVC pipe and if required laid through new surface PVC pipe (20 mm dia) with 45 A switches with all accessories. The price includes supplying, installing, connecting, laying, drilling & cutting, and commissioning to complete work as required. All needed work to complete the job will be included within the price.	No.	3		
SUB TOTAL FOR Visitor waiting hall WORKS					
B SANITARY WORKS for Toilets					
1	Water tank: Supply of materials, tools and manpower for installing galvanized water tank of 1250 liters. Cylindrical shape and with plate gauge 16(1.56mm), supported at the steel frame above the cabin, including the connection of the inlet and outlet pipes. The price of work includes all piping and fittings, valves, float valves, accessories. All needed work to complete the job will be included within the price.	NO.	2		
2	Taps: Supply of materials, tools and manpower to connect chrome water taps 1/2" or 3/4". Price of the work shall include water connections. All needed work to complete the job will be included within the price.	NO.	3		
3	Ceramic wash basin: Supply of materials , tools and manpower to install ceramic wash basin with stand, mixer taps, valves, mirror(60x50)cm and all fittings with complete water connections. All needed work to complete the job will be included within the price.	NO.	3		
4	Wash basin mixer taps: Supply of materials, tools and manpower to install mixer taps for wash basin. The price of works includes all needed fittings. All needed work to complete the job will be included within the price.	NO.	3		
5	Shower head and mixer taps: Supply of materials, tools and manpower to install mixer taps with shower head. The price of works includes all needed fittings. All needed work to complete the job will be included within the price.	NO.	1		
6	Siphon (Flush Tank): Supply of materials, tools and manpower to install siphon, valves and all needed accessories for completing water connections. All needed works to complete the job, will be included within the price.The price includes remove the old, and cleaning of the w/c and septic tank by removing the sludge and transporting outside and cleaning of manholes and maintane all sewage pipes. All needed work to complete the job will be included within the price.	NO.	5		
SUB TOTAL FOR SANITARY WORKS					
C Electrical Works for the ID office					
1	LED Spot Lighting fixture(24W): Supply, install, connect and commission spot lighting fixtures, LED (240VAC/24W), complete set with all accessories such as base, LED drive, metal heat dissipation , glass, reflector includes wiring with 1.0 kV grade 2*1.5mm ² PVC insulated copper cable/wires laid inside concealed PVC pipe (25 mm dia) with 6 A switches with all accessories. The price include remove the old, and supply, install of wires, pvc pipes, switch, accessories, works(cutting, drilling, repairing,. etc.) and any other to complete the work	No.	100		

2	Projector LED Light 100W: Supplying , Installing , connection ,and commissioning of LED light projector 230V, 100 watt, includes wiring with 1.0 kV grade, PVC insulated copper wire (2x1.5mm ²), laid through PVC conduit pipe (20 mm dia)/cable tray and connecting with contactor and photo cell with all accessories. The price includes supplying, installing, connecting, laying and commissioning <u>drilling, cutting</u> to complete works as required.	No.	15		
3	Exhaust Fan 6 ": Provision of material and work to supply, install, connect and operate exhaust fan 6 in, The work includes all the required wiring, cable 2x1.5mm and fixation. All needed work to complete the job will be included within the price.	No.	6		
SUB TOTAL FOR Electrical works					
D	Handicaps ramp				
1	Supply of materials, tools and manpower to cast concrete ramp with slop for handicaps entrance, the work includes demolition the concrete floor and casting the ramp (1.0x3.0)m with thickness 50 to 0 cm slop. All needed work to complete the job will be included within the price.	NO.	1		
SUB TOTAL FOR Handicaps ramp					
Total Cost for all Works in US \$					