

Financial Offer: Civil Work Related to RO System العرض المالي: الأعمال المدنية المتعلقة بنظام التناضح العكسي					
#	Description	Unit	Quantity	Unit Cost (USD)	Total Cost (USD)
A	Fence and Site Preparation				
A.1	Site preparation:- Removal of debris, grading, cleaning the site, and Supply suitable machine with labore to leveling site, the price includes laying crushed stone best type with (10)cm thick., also price including watering and compacting the crushed stone, the crush stone should be in the last stage of the project for the areas which will be unoccupied by facilities, with all necessary needs to complete the work, all the work should be done according to the site engineer instructions.	M2	875		
A.2	Poles(column): using rectangular pipe 8x8cm 2 mm thick, 2.3m high from the surface of ground and every 2 meter and 0.7 m inside the concrete of the bases (rate 250 kg / m 3) and beam, the price includes also fixing the poles with concrete bases (50x50)cm and 70 cm depth, all the work should be done according to the details and site engineer instructions.	No.	65		
A.3	BRC Fence: Using frame between each pipe (column) with course inside the frame using angle line 4cmx4cm, and 4mm thick., also welding steel BRC mesh (5X5)cm with thickness not less than 3mm and high 2 m, and welding metal plate (20 * 20) cm thickness of 5 mm in center course; the price including Implement 2 gates (one: with dimension (4x2.5) m and other gate with dimension (1x2.5) m), using rectangular columns of 100*40*4 mm, 2.5 m high, in addition 3 gates of 1 meter and 2 gates of 2 meter width, according to the drawings and should fix a 3 hinges at lease for each part , and fix a latch, and with all accessories needs. all the work should be done according to the details and site engineer instructions.	ML	120		
A.4	barbed wire: Installing three line of barbed wire in the top part of the fence. All the work should be done according to the details and site engineer instructions.	M.L	120		
A.5	Concrete Beam: casting concrete beam rate 250 kg / m 3 from concrete along the fence with width 20 cm and height 30 cm.	ML	115		
A.6	Anti-Rust Paint: painting works one layer of anti-rust, all the work should be done according to the details and site engineer instructions.	ML	120		
A.7	Oil Paint: three layer of oil paint, all the work should be done according to the details and site engineer instructions.	ML	120		
Part A - Total Cost (USD)					
B	RO Management Room				
B.1	Concrete Works:- Supply and cast reinforced concrete (1:2:4) cement ratio 350kg/m3 with 25 cm thickness for the floor using reinforcement of two layers of steel bars Ø12@ 20 cm, c/c, both direction, the price includes laying thick nylon under the concrete, watering, shuttering, curing and framework by plywood are included as requirements. The concrete surface should be smoothened. with all necessary needs to complete the work, all the work should be done according to the site engineer instructions.	M3	14.8975		
B.2	Concrete block works: Supply materials and construction concrete Hollow block wall (20x20x40) cm, the price including filling the space between blocks using cement mortar 1:3, the price includes parapet work construction over the roof with 40 height with all necessary needs to complete the work, all the work should be done according to the site engineer instructions.	M3	14.3		
B.3	Concrete Beam: casting concrete beam rate 250 kg / m 3 over the door and windows with section dimension (20x20) cm, using reinforcement 4Ø12 (2 in top and 2 in bottom) and stirrups Ø10@15 cm, c/c, with all necessary needs to complete the work, all the work should be done according to the site engineer instructions.	M3	0.96		
B.4	Roofing:- Supply and casting the slab by reinforced concrete (1:2:4) cement ratio 300kg/m3 with 18cm thickness, reinforced by two layer from Steel bar Ø12@ 15 cm, c/c, both direction. The price includes watering, shuttering, curing and framework by plywood are included as requirements. with all necessary needs to complete the work, all the work should be done according to the site engineer instructions.	M3	7.5294		
B.5	Door: Supply and install steel hinged doors (2.0x1.0)m +/-, with frame 2x2inch & 3mm thick., steel angle, plated on one side (steel plate gauge 18) all metal surfaces should be painted (primed) with anti-rust paint and finished with suitable two layer of oil paint the price includes supplying and fixing of all required locks, hinges, handle, ..etc. with all necessary needs to complete the work, all the work should be done according to the site engineer instructions. engineer.	Pec.	2		
B.6	Window: Provision and installation metal windows flip opened with dimensions (1.2x1.0) m, with painting three layers (one base +two oil paint) using transparent glasses with all the accessories needed ,also the price includes iron protection grill for window all the work should be done according to the details in the Drawings and the site engineers instructions.	Pec.	4		

B.7	Marbel Cover: Provide and install marble around the windows and doors with a width of 30 cm of the best quality. Provide and install marble stone (Best quality), around Windows and doors with widths not less than 30 Cm, and should soften the end of the edges with a grinder. and also installed above the windows and doors with the appropriate type, all work should be done according to the site engineer's instructions.	ML	28		
B.8	Gutters Supply and installation of PVC plastic gutters according to the following specifications: 1. Pipe diameter: 4" 2. The required quality of the pipes should be of the best available types in the local markets. 3. Length: not less than 250 cm	LS	1		
B.9	INTERNAL PLASTERING: provision and implementation of internal plastering, two coating layer with a cement dosage equivalent to 400 kg/m3 (included all needed materials) thickness not less 1.5 cm. the price includes of two layer of emulsion paint, all the work should be done according to the details in the and the site engineers instructions.	M2	66.6		
B.10	EXTERNAL PLASTERING TYROLEAN WORK: Provision and implementation of colored Tyrolean spraying, using white cement (ratio not less than 400kg/m3) dense concentration, with medium roughness, and a fixing product (to avoid decoloration). Before starting the work, the work should be approved by site engineer.	M2	83.52		
B.11	Supply and install false ceiling 60 cm * 60 cm, with plastic panels of no less than 6 mm thickness, with all the necessary accessories for installation.	M2	27		
Part B - Total Cost (USD)					
C	Electrical Work				
C.1	Supply Air conditioner (split unit (2 Ton)) of apporved type from the engineering team,	No	1		
C.2	Install Air conditioner (split unit (2 Ton)) of best type using wires 2x4mm2 with internal circuit 40Amp with Protection device. The price includes all necessary works according to the site engineer instructions.	No	1		
C.3	Supply Air conditioner (split unit (1 Ton)) of apporved type from the engineering team,	No	1		
C.4	Install Air conditioner (split unit (1 Ton)) of best type using wires 2x4mm2 with internal circuit 40Amp with Protection device. The price includes all necessary works according to the site engineer instructions.	No	1		
C.5	Supply and install lighting points inside the rooms not less than 12W, approved type using wire (2 x1.5mm) flex using tray channel, switch circuit with all required works, and according to instructions of the site engineer.	No	8		
C.6	Supply materials and install double switch socket 13Amp ,15 Amp, using wire 2X2.5mm. According to the site engineer instructions.	No	8		
C.7	Supply and install circuit breaker (7 fuses ,63 Amp) best type. The price includes Aluminum box, connections, loop earth. according to the specifications and the site engineer instructions. The price including connecting the room with electric source with all necessary needs and wiring according to the site engineer instructions	No	1		
C.8	Supply and install anti-rain lighting with base 100W, best quality type using wire 2*1.5mm, switch circuit with all required works & day light photocell with 30 Amps current conductor. according to the site engineer instructions.	No.	8		
Part C - Total Cost (USD)					
D	Furniture				
D.1	Supply wooden office table with dimension (1.4x0.7) approved type by the engineering team	No.	3		
D.2	Supply rotary office chairs, approved type by the engineering team.	No.	3		
D.3	Supply rotary office single seats, approved type by the engineering team.	No.	3		
D.4	Supply white and install bord dimension not less than (140x90) cm approved type	No.	1		
D.5	Garbage bin 120 lit plastic and approved type	No.	1		
D.6	Fire extinguisher; Supplying fire extinguishers of 12kg with a powder of high quality and ready for use, including (safety nail, pressure gauge, hose, powder, base ... and full requirements) with one year warranty.	No	4		
D.7	Supply rotary office iron locker, approved type by the engineering team.	No.	1		

D.8	Providing and installing water cooler (COLD & HOT WATER): A good quality cooler that consists of a filtration system. With the following specifications: -Rated Voltage:220-240-50/60Hz -Hot Water 85-95 C 5L/h -Cold Water 4-12 C 2L/h -Relative Humidity ≤90% -refrigerant R134a/50g Shall be approved by the site engineer.	No.	1		
Part D - Total Cost (USD)					
E	Latrien Caravan				
E.1	Prefabricated Latrine Caravan dim(250X230) Cm, height 220 cm internally: Provide and installation Prefabricated Latrine Caravan dim(250X230) Cm, height 220 cm internally. the prefabricate latrines with specifications as bellow details: 1-The floor: the main frame consisting of the rectangular pipe (8X4) thickness 1.8mm, 50cm C/C in both directions and for the floor using plywood panels with installation ceramic tiles not less than 4mm thick with complete grouting and adhesive work. 2-The columns: columns for corners#4 consisting of angle-line (4"x4"), thickness 3mm, the price includes fixing 4 iron stand not less than 25 cm, using iron section (8x8) cm, 2mm thickness. 3-The roof: the main frame consists of the rectangular pipe 8X4 cm thickness 1.8mm and using iron section (8x4) 1.8 mm with one cross in the middle. 4-The walls and Ceiling: consisting of the sandwich panels thickness 5 cm. 5-All metallic structure should be painting with three layers of painting (one layer of the anti-rust, two layers of the oil paint). 6-and installing Three doors (190x80) cm (2 No.) and (190x90) cm, (1 No.) with all necessary accessories of joint, latch handle, lock ...) and installing two windows (40x40) cm. Sanitation Work: 7-Installation eastern ceramic toilet (squat) with all necessities needed (Gully, pipes, fittings, elbow, ...etc.). (2 No.) 8-Intsllation ceramic washbasin suitable with shelf and mirror and all accessories needed. (1 No.) 9-Installation stainless faucet (3 No.) best type. Electricity work: 10-installation 2 ventilation van (2 No.) 11-installation one lighting point outside the unit not less than 30-watt anti-rain and three inside the unit not less than 10 watts with all necessary wiring, breakers and switch and connection with power source...etc. 12 the connection with the manhole (60x60) cm and then with the septic tank using 4" pipe with all necessary accessories, All the works should be done according to the site engineer instructions.	No.	1		
E.2	Implementation the septic tank according to the following: 1- digging the septic tank with dimensions(220x220) cm, and depth 250 cm and moving of drilling remenAnts to a location specified by Blumont engineers. 2- reinforcement concrete beam (20x30) cm around and under concrete cover, using reinforcement steel bars, 4Ø12 mm (2 top and 2 bottom) using stirrups Ø8@ 15 cm, C/C (rate cement (350kg/m3), 3- Execution of a prefabricated concrete slab concrete consisting of of 3 concrete slabs with dimensions of (300 x100) cm and thickness of 20 cm using two layers of rebar Ø12 mm/10 cm, both directions, and the cement ratio is (350 kg / m3), It is installed over the circumferential concrete beam by a crane, and a hole must be made in one of the concrete slabs with dimensions of (30 x 30) cm with a moveable cover of metal sheet, with all the needed accessories. All work is done according to the instructions of the site engineer	No	1		
E.3	Water pipe system supply and installation PPR pipes 1/2 inch to connect the latrine with the main water line at the site, the price includes all necessary accessories (elbow, division, fittings...) for inside and outside the latrines, all the works should be done according to the site engineer instructions.	LS	1		
E.4	Manhole: installing concrete manholes external dia. (60x60) Cm and the depth according to the ground level, and using concrete walls thick 10cm rate cement 250kg/m3 with reinforcement concrete manhole cover (60cmx60cm thick 10cm) cement rate 350kg/m3 and metal bars Día 10mm/10cm, all work should be done according to the site engineer instructions.	NO	1		
E.5	Water Tank: provide and install PVC potable water tank three layer with capacity 1000 lit. over metal base, using iron section for the metal base (8x4) cm, 2mm thickness with height 1.5 m and painting the base with one layer of anti-rust paint and two of oil paint with all necessary needs to complete the work, all the work should be done according to the site engineer instructions.	LS	1		
Part E - Total Cost (USD)					

F	HDPE Pipe Extending				
F.1	Excavation Works: Supply machinery tools and labor to excavate the pipe path in all type of soil with 50 cm width and not less than 70 cm depth and cleaning the site and spaces around the excavation places and remove the remnant to place identified by LA, and all the work should be done according to the specifications and the instructions of site engineer.	ML	320		
F.2	Polyethylene HDPE pipe 4" (110 mm) works : providing and installing polyethylene HDPE PE 100 pipes 4"/(110 mm), high-density according to the International Standards10 bar pressure dedicated to drinking water, and meet the requirements. approved type to install with all fittings like {elbows, dividers valves, none return valves (at least every 100 m and before the elbows), etc} with all necessary connection as per the site engineer instruction. The price includes testing the pipe under 10BAR pressure for 24 hours before filling works, the work to be according to the specifications and instructions of site engineer.	ML	320		
F.3	Manhole works: Supply tools, machines, laborers and materials, Implementing of Manhole (100X100)cm internal dimension: in the connection point the walls and base casted by reinforced concrete (1:2:4) and reinforcement of one layers of 8mm dia. and 25cm c/c in both directions and with variable depth according to the ground level, painting by 2 Layers of (bitumen water proofing) and steel cover 4 mm thick, making two cross for the cover gate as a support using 2" angle iron, and the frame from angle iron 2" fixing with the wall lintel 10 cm thick. and painting with anti-rust & oil paint, also fixing galvanized steel ladder every (30cm) and the work should be done according to the details, sketches, specifications and instruction of the site engineer	No	4		
F.4	Water Gate: Water Gate: Provide and install water gate valve (110 mm) inside manhole for controlling and managing water feeding with all necessary needs to complete the work, the price includes install (elbow with flanges, integrated flange, galvanize pipes...etc, all the work should be done according to the site engineer instruction. the price included installation of all accessories, (locker, keys, handle, hinges...etc..) paint all the door with anti-rust paint and two layer of oil paint all the work should be done according to the site engineer instruction	No	4		
F.5	Filling and laying fine sand Works: supply and transport fine sand (loam) it must be clean and free from strange material according to the specification and the instructions of the site engineer & filling the path with fine sand over and around the pipes up to 10 cm thickness and10 under the pipes & refilling the rest of the path with the excavated soil after cleaning from all debris' and other strange materials. & with good (watering and compacting), and all the work should be done according to the specifications and the instructions of the site engineer	ML	320		
F.6	Backfilling Works: backfilling the last layer of channel must be from crush stone with thickness 15cm. The price includes removing overflow soil. The work to be done according to the drawings and instructions of the site engineer.	ML	320		
Part F - Total Cost (USD)					
G	Filling point				
G.1	Excavation works: Excavation and removing debris, for the pipe path of dimension (Width not less than 60cm) & average Depth 70cm in any type of soil & surfaces including rocky layers, etc. The work to be done according to the instructions of the site engineer.	M.I	50		
G.2	Concrete works: Provide and install reinforcement concrete by dimention100*100*70 cm and rate cement 350kg/m3 and 5&12mm in two the direction and on two the layer. for fixed the pipe water filling and all necessary works, the price including works digging bases dimensions 100 * 100 * 700 cm. The work to be done according to the drawings and instructions of the site engineer.	M3	0.7		
G.3	Controlling manhole: implementation manhole (140X140)cm external dimension, height 100cm, walls and base thick 20cm : in the connection point and in the necessary places and including excavation Supply tools, machines, laborers and materials by casting reinforced concrete one layers of 8mm dia. and 10 cm c/c in both directions and , painting by 2 Layers of tar-coat, and steel cover 4 mm thick, making two cross for the cover gate as a support using 2" angle iron, and the frame from angle iron 2" fixing with the wall lintel 10 cm thick. and painting with anti-rust & oil paint and the work should be done according to the details, sketches, specifications and instruction of the site engineer	No	1		

G.4	Water gate: Provide and install water gate valve (90 mm) inside manhole for controlling and managing water distribution with all necessary needs to complete the work, the price includes install (elbow with flanges, reducer, galvanized pipes...etc. if any), all the work should be done according to the site engineer instruction.	No	1		
G.5	Providing of polyethylene pipe of 90 mm dia, 10 bar working pressure including testing and disinfection complete with all necessary accessories and fittings to connect the different parts	M.I	50		
G.6	Filling and laying fine sand Works: supply and transport fine sand(loam) it must be clean and free from strange material according to the specification and the instructions of the site engineer & filling the path with fine sand over and around the pipes up to 10 cm thickness and 10 under the pipes & refilling the rest of the path with the excavated soil after cleaning from all debris' and other strange materials, also the last layer should be sub-base best type (20cm) thick. & with good (watering and compacting), and all the work should be done according to the specifications and the instructions of the site engineer	M.I	50		
G.7	supply and install 3"diameter, 3mm thickness galvanized Steel pipes and height 3m with 2 branches by length 2m, the item include all required fittings as shown on drawings and according to the specifications and the instructions of the site engineer.	L.s	1		
G.8	Implementation of a truck yard to fill water with dimensions of (10x10) m: Providing and implementing a layer of crushed stone 20 cm thick with leveling, compaction, watering and all that is necessary and the work is done according to the instructions of the site engineer	M2	100		
G.9	Concrete Works;- Supply and cast reinforced concrete (1:2:4) cement ratio 350kg/m3 with 15 cm thickness for the floor using reinforcement of one layers of steel bars Ø12@ 10 cm, c/c, both direction, the price includes laying thick nylon under the concrete, watering, shuttering, curing and framework by plywood are included as requirements. The concrete surface should be smoothened. with all necessary needs to complete the work, all the work should be done according to the site	M3	15		
Part G - Total Cost (USD)					
Grand Total Cost (A+B+C+D+E+F+G) in USD					

NOTES:

- 1- All the items should be approved by our organization's site engineer.
- 2- The contractor should clean the site from all remenant and remaining materials after completing the work to the identified location by Local Administration.
- 3- Our organization is not bound to buy the whole quantity mentioned in the BOQ.
- 4- All the item quantities should be apply INCOTERM 2010 DDP (Delivery Duty Paid) to the mentioned locations.
- 5- Our organization is not bound to contract with one company and can split the award between one or more companies.
- 6-The company must submit approved site visit form and to be added to bid documents.

ملاحظات:

- 1- يجب الموافقة على جميع الفقرات من قبل مهندس الموقع لمنظمتنا.
- 2- يجب على المقاول تنظيف الموقع من جميع المواد المتبقية والمخلفات المتبقية بعد الانتهاء من العمل ونقله إلى الموقع المحدد من قبل الإدارة المحلية.
- 3- منظمتنا ليست ملزمة بشراء الكمية الكاملة المذكورة في جدول الكميات.
- 4- جميع كميات المواد يجب ان يكون (التسليم واجب مدفوعة) إلى المواقع المذكورة.
- 5- المنظمة ليست ملزمة بان تتعاقد مع شركة واحدة, و يمكن تجزئة العطاء بين أكثر من شركة
- 6. يجب على الشركة تقديم استمارة زيارة الموقع موقعة ومعتمدة من قبل المهندس المشرف للمنظمة و يجب ارفاقها مع مستندات العطاء المقدم.

Name of Signatory:_____

Title of Signatory:_____

Name of Bidder:_____

Signature & stamp:

Date of Signing:_____