

Section 7: Price Schedule Form⁷

The Bidder is required to prepare the Price Schedule as indicated in the Instruction to Bidders.

The format of the BOQ should be used in preparing the Price Schedule.

The price of civil works shall be quoted as a total lump sum for the construction of the civil works.

⁷ No deletion or modification may be made in this form. Any such deletion or modification may lead to the rejection of the Bid.

Project	ANSARIEH WATER TOWER		UN- Habitat
Scope:	Bill of Quantities for the water tower and the mechanical room	Date: April 2014	File: WASH- ST-ZA-AN.WT- BOQ
Job:	WASH- ST-ZA- AN.WT	Rev: 01	Sheet: BL01
Plot:	1268	Phase: Tender	Capacity: 300 m3 as per drawings
SITE CONSTRUCTION			

Div.	Item No.	Description of Material	Unit	Qty.	Unit Price US\$	Total Price US\$
	A	<u>Excavation and Earthworks</u>				
	1	Excavate, remove debris, transport and prepare for Water Tower and mechanical room's foundation to a depth of -2.65m under Water Tower and -0.7m under mechanical room.	m ²	160		
	B	<u>Cast in Place Concrete</u>				
	1	Blinding 150mm thick	m ²	160		
		Reinforced concrete in ordinary Portland cement 30MPa (reinforcement measured separately) .				
	2	Columns, Walls, Slabs, Foundations, Tie Beams	m ³	332		
	C	<u>Concrete Reinforcement</u>				
		High yield reinforcement bars (fy=500Mpa)				
	1	Steel Reinforcement	Ton	35		
	D	<u>Contractors / Workmanship</u>				
		Install and cast all RC structures around 332m ³ of RC.				
	1	Tie Beams at Foundation	m	42		
	2	Tie Beams Upper Levels	m	55		
	3	Trapezoidal Columns	m	60		
	4	Rectangular Columns	m	60		
	5	Slabs, Walls and Footings	m ³	245		
	6	Upstands and Parapets	m	45		
	7	Shop Drawings- Detailed structural and Architectural drawings	LS	1		
	E	<u>Concrete Masonry Unit Walls</u>				
		Supply and install non load bearing, precast HOLLOW concrete masonry walling, with bedding mortar including pointing and cleaning, reinforced concrete bond beams & columns for high walls, doors sills and jambs, and all necessary material and accessories; as per the specifications and drawings.				
	1	Concrete Hollow masonry unit wall (Unit: 400 x 200; 200 mm thick) for mechanical room walls.	m ²	20		

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	F	<u>Cementitious waterproofing</u>				
		Isolation work for reservoir using cementitious materials and PU paint. Work includes removing the 6mm steel bars with grinder and making small hole then filling the hole with cementitious material. Filling the reservoir with water should be done before isolation work.				
	1	Isolation Works	LS	1		
	2	Water Stop and Tie Rods and all fittings	m	42		
	G	<u>Portland Cement Plaster</u>				
		Prepare surfaces, spatterdash, supply and apply ordinary portland cement and sand plaster coat to a minimum thickness of 15 to 20 mm, include metal lath 1 mm thick having approximately 50 nets per m ² where required, and all expanded metal angle and stop beads at corners and abutments				
	1	Plasters	m ²	930		
	H	<u>Paints</u>				
	1	Prepare surfaces, supply and apply 2 coats of RedSeal Exterior Latex Flat paint (red brick color) for both Water Reservoir and Mechanical room external faces.	m ²	400		
	2	Prepare surfaces, supply and apply 2 coats of RedSeal Exterior Latex Flat paint (medium grey color) for Water Tower vertical elements.	m ²	150		
	3	Prepare surfaces, supply and apply 2 coats of Accolade Interior Enamel Flat paint (light grey color) for Water tower internal Tank.	m ²	350		
	4	Prepare surfaces, supply and apply 2 coats of Emulsion Interior paint (white color) inside mechanical room.	m ²	30		
	I	<u>Piping</u>				
		Supply and installation of pipes, insulation where indicated, anti-corrosion protection, fitting, bands, hangers, junctions, tees, supports, sleeves, flexibles wherever there is expansion joint as indicated on drawings and all necessary accessories, labor, tools, transport, testing, one year guarantee, all overhead expenses and profit.				
	1	Installing 5" Galvanized pipes (3 pipes, one for inlet, one for outlet, and one for overflow)	m	50		

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Qty.	Item No.	Description of Material	Unit	Qty.	Unit Price US\$	Total Price US\$
	J	Valves & Pumps Supply and installation of valves including: union, fixing, insulation where needed, all necessary accessories, labor, tools, transport, testing, one year guarantee, all overhead expenses and profit.				
1		Installation of 5 gate valves, and 1 pressure relief valve, 1 centrifugal pump 1HP	LS	1		
	K	Metal Works Supply and install painted galvanized steel ladder using epoxy water resistant paint comprising 50 x 10 mm steel flat bars bolted to R.C slabs and walls as main support, 20 mm diameter galvanized steel pipes welded to flat bars as stair steps, flanges, expansion bolts, anchors and all necessary material and accessories; as per the drawings.				
1		Galvanized steel ladder, refer to drawings	m	20		
2		Roof Access Cover with all fittings and accessories (handles- expansion bolts support arm- etc.), as per drawings	LS	2		
3		Internal Steel Ladder, see drawings	m	4		
4		Steel Door for Technical Room	LS	1		
Total Price US\$ (DAP, Customs Free, exclusive of VAT)						
VAT (10%) US\$ (if applicable)						
Grand Total Price US\$ (DAP, Customs Free, Inclusive of VAT)						