



RENÉ MOAWAD FOUNDATION  
مؤسسة رينو عوض

## Beyrouth - Dr. Sobhi Saleh Public School

### Detailed BOQ

Item N	Section N	Description	Unit	Quantity	Unit price (USD)	Total price (USD) (Excluding VAT)
		The contractor shall, when pricing this bill, take into consideration the costs or expenses of all requirements stipulated in the preambles, drawings and technical specification of the contract. Where no conflicts are drawn to the engineer's attention prior to the contract signature, the contractor shall not ask, during the execution, for a variation orders due to any contradictions in design trades.				
		All systems and components indicated in the design documents, either listed or not listed below, shall be fully executed by the Contractor in accordance with the qualities, quantities and dimensions defined in the drawings and specifications. The work to be performed and materials to be employed shall follow the codes and regulations currently enforced in Lebanon. All materials must be submitted for the engineers approval. Unit prices shall include all materials, equipment, labor and all preparation work and additional necessary for performance of the work.  All systems and model numbers called out are references to establish the standard of quality and appearance ONLY. All material or product with equivalent quality shall be regarded as acceptable. Owner reserve the right to change or to eliminate quantities and quality of accessories and equipment's before ordering of these goods is confirmed to the Contractor.				
		The contractor shall visit the proposed site to familiarize himself with the required scope of work and the existing site conditions. Unit price shall include costs of the needed material and the workmanship which are required to complete the work. The price shall include costs for making the necessary temporary works to ensure the safety of the visitors				
		The contractor will attend fortnightly meetings during the course of work as and when scheduled without fail, in addition to carrying out daily visit required for carrying out the work. The contractor shall take responsibility of the security and safety of the material, equipment's and labor on site during execution. The contractor shall clean the site in all respects before handing over the site. The landscape contractor shall complete the job in the given time and as per the as per the specifications by providing sufficient labor and equipment. The contractor shall take the responsibility of unloading the material, placing it at a proper identified position on site. The contractor shall make necessary arrangements for the same on the site prior to unloading.				
		The contractor shall visit the proposed site to familiarize himself with the required scope of work and the existing site conditions. Unit price shall include costs of the needed material and the workmanship which are required to complete the work. The price shall include costs for making the necessary temporary works to ensure the safety of the visitors				
		Items in the Bill of Quantities for which the quantities are stated to be optional shall only be executed if they are the subject of a written instruction from the Engineer.				
		The contractor shall take all necessary precautions to protect existing utilities and improvements. He shall be responsible for the repair of all improvements and utilities damaged during construction. All repair work shall meet or exceed existing conditions and be at the contractor's expense.				
	<b>Section 0</b>	<b>General Requirements</b>				
		All workers should be equipped with safety equipment's (at least safety shoes, helmet, reflective safety vest )				
		Construction site should be cleaned daily				
0.1		Related Construction fees (above)	LS	1.00		-



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0.2		Mobilization/Demobilization	LS	1.00		-
0.3		As built documents (Topographical survey, data sheets, ....)	LS	1.00		-
0.4		Provisional amount allocated to cover unforeseen, unaccounted and/or additional required materials/works subject to substantiation and prior approval of the Engineer	Days	5.00		-
<b>Subtotal: 0-General Requirements</b>						-
<b>Section 1 Repairs</b>						
1.1.1	Metal Door	Replace lock with key, and handle	U	4.00		-
1.1.2		Adjust door opening and hinges	U	4.00		-
1.1.3		Painting Doors	U	6.00		-
1.2.1	False Ceiling	Repair Patches of broken ceiling	LS	1.00		-
<b>Subtotal: 1-Repairs</b>						-



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Item N	Section N	Description	Unit	Quantity	Unit price (USD)	Total price (USD) (Excluding VAT)
	<b>Section 2</b>	<b>Students Toilets</b>		1.00		
2.1.1	Carpentry	Replace Doors 80x220m	U	5.00		-
2.1.2		Replace Doors 120x220m	U	1.00		-
2.2	Water Distribution					
2.2.1		Supply and install 16mm pexgol plastic pipes with its 25mm plastic conduits, to be connected from the collectors openings up to location of sanitary fixtures outlets according to plans and engineer's instructions. with all necessary fittings, nipples, nuts, unions, brass fittings adapter, shut off valves on main and branch pipes....etc. Pipes run exposed and are fastened to walls. price to include also supports and fasteners. All Pipes to go trough under walls and through roof - with a coring	LS	1.00		-
2.3.1	Sanitary fixture	Supply and install white ceramic wash basin, and semi pedestal installed on ground and resting on brackets. Type: Sydney Set from Lecico or equivalent	U	8.00		-
2.3.2		Supply and install 1/2"chrome-plated hot and cold water faucet Chrome finish from Grohe type Eurosmart Single-lever basin mixer 1/2" M-Size single hole installation ref. 23322001 or equivalent	U	8.00		-
2.3.3		Supply and install toilet bowl, including PVC with cover price includes all accessories. Type: Sydney Set from Lecico or equivalent. Flush System from grohe dual flush	U	5.00		-
2.4	Accessories					
2.4.1		Supply and install stainless steel toilet paper holders, mounted on the wall. Type: Institutional.	U	5.00		-
2.4.2		Supply and install Toilet brush set from grohe ref. 40374001	U	5.00		-
2.4.3		Liquid soap dispenser. Type: Institutional	U	8.00		-
2.4.4		Crystal mirrors, 60/45 cm. 4mm thick.	U	8.00		-
2.4.5		Supply and install 4"/2" UPVC floor trap with chrome threads mesh cover 20*20cm	U	8.00		-
2.5	Electricity					
2.5.1		CEILING RECESSED MOUNTED FIXTURE, 34W LED 3400lm, SIMILAR TO PHILIPS Power Balance RC360B, REF: RC362B LED28S/840 PSD W62L62 CPC PIP Price to include Presence detector	U	10.00		-
2.6	Tiling					
		Rate includes the supply and installation of Parex high performance tile adhesives up to 10mm , grouting and polishing all in accordance with the specifications and applicable Standards. Price should also include 10cm plinth, The cost also includes all hardware/accessories/works/materials needed to a complete and functioning job. Tile should have the following specs: Water absorption (Percent by mass) 3% - 6% Modules of rupture (in N/Sqm) >= 20 Resistance to staining (Glazed tiles) Minimum class 3				



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Item N	Section N	Description	Unit	Quantity	Unit price (USD)	Total price (USD) (Excluding VAT)
2.6.1		Supply and install non-slip 60x60*.8cm ceramic tiles, class (A) for bathrooms flooring, as specified and approved by the Engineer. The color of the tiles shall be as chosen by the Engineer. first class spain tiles or equivalent	m2	21.00		-
2.6.2		Supply and install 30x60x0.8cm ceramic tile class (A). The tiles shall be laid and fixed to the walls by Webber fixing and SPEC system or equally approved, as specified. Price includes cost of surface preparation to receive tiles, which shall include two coats of cement plaster (scratch and float coat) and the approved adhesive materials and grouting. From first class spain tiles or equivalent	m2	88.40		-
2.7	False Ceiling					
2.7.1		Providing and fixing 13mm Gypsum suspended false ceiling consisting of suspension system with anchors to the structure, L& Z, main& main profiles, omega profiles. clips, gaskets and all necessary fittings in accordance to the manufacture technical data. Gypsum board is screw fixed to the bottom of the suspended frame. The joints between the boards are finished with jointing compound & fiber tape to get a smooth flush finish. The finishes shall be to the satisfaction of the Engineer. The cost also includes all cutouts for all electrical, networking boxes... and trap doors and PVC Tiling or equivalent	m2	21.00		-
<b>Subtotal: 2-Students Toilets</b>						-



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	<b>Section 3</b>	<b>Water Fountain</b>				
3.1	Demolishing	Supply, manufacture and install aluminium door and windows, made of SIDEM 2000 profiles of black colour and Folda accessories, with clear/transparent double glazing (6mm + 6mm void + 6mm), complete with frame, ironmongery, hardware, handle, lock, neutral silicone sealant from outside and acrylic silicone sealant from inside, and all accessories.				
3.1.1		Existing Water Fountain	ml	4.00		-
3.2	Concrete Work					
		<i>All materials are as per specifications , drawings and supervisor engineer's instructions.</i>				
3.2	Steel works					
		<b>Specs:</b> <i>All Steel bars are grade S20 (fy=500MPA)</i>				
		<b>Price should include:</b> <i>supply and processing of steel ( all hardware/accessories/works/materials needed to a complete and functioning job)</i> <i>All Wastage and Miscellaneous</i>				
3.2.1		Supply and process steel	Ton	0.11		-



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3.3	Concrete Works	<p><b>Specs:</b></p> <p>Vibrated Reinforced concrete in Portland cement C250 concrete cover minimum 3cm</p> <p><b>Price should include:</b></p> <p>Unit rates of concrete works includes supplying and casting of a ready mixed concrete. The price shall include all costs of material and workmanship for preparing the formwork, shuttering, fixing of steel reinforcement, vibration, curing making grooves and sleeves ..etc.</p> <p>price should also include:</p> <p>Vibrated Reinforced concrete in Portland cement All concrete works are smooth fare faced, reinforced columns and beams are angle chamfered 20/20 mm water drop for slabs Concrete on site test and compression reports (4/cast) Compressive test should be done in Balamand University or OEA Tripoli Watering the concrete twice a day (morning and evening) for at least 14 days after cast See drawings for levels/dimensions and details.</p>				
		<b>Supply and cast ready mix concrete C25/35 for:</b>				
3.3.1		Wall	M3	1.00		-
3.4	Plastering					
3.4	Internal Plastering Works	<p>Two layers of internal plastering 10mm thick composed of a bond coat, base coat, and finish coat, including plaster stops, corner beads, casing beads, metal laths, scaffoldings, shuttering, bonding agents and all requirements as specified.</p> <p>The surfaces to be plastered are to be dashed with cement &amp; sand mix 1:1 to from a key, allowed to harden before applying two coats: the first coat mix. 1:1:3 (cement: sand: fine aggregate) and the second coat mix 1:4:1 (cement: sand: lime).</p>				
3.4.1		Bond coat to receive ceramic wall tiles	M2	14.00		-
3.5	Tiling	<p>Rate includes the supply and installation of 3 cm mortar, cement sand fill blew tiles, grouting and polishing all in accordance with the specifications and applicable Standards. Price should also include 10cm plinth, The cost also includes all hardware/accessories/works/materials needed to a complete and functioning job.</p> <p>Tile should have the following specs:</p> <p>Water absorption (Percent by mass) 3% - 6%</p> <p>Modules of rupture (in N/Sqm) &gt;= 20</p> <p>Resistance to staining (Glazed tiles) Minimum class 3</p>				
3.5.1		Supply and install 25x50x0.8cm ceramic tile class (A). The tiles shall be laid and fixed to the walls by Webber fixing and SPEC system or equally approved, as specified. Price includes cost of surface preparation to receive tiles, which shall include two coats of cement plaster (scratch and float coat) and the approved adhesive materials and grouting. From first class chinese tiles or equivalent	M2	14.00		-



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Item N	Section N	Description	Unit	Quantity	Unit price (USD)	Total price (USD) (Excluding VAT)
3.6.1	Sanitary Fixtures	Supply and install water traps.	U	4.00		-
3.6.2		Supply and install water faucets. Type Institutional.	U	8.00		-
<b>Subtotal: 3-Water Fountain</b>						-
<b>Section 4 Equipments</b>						
4.1	Signage					
4.1.1		Stainless Steel toilet sign with black symbol and writing. Braille and Tactile (raised) text and international symbol BCA compliant.	U	6.00		-
<b>Subtotal: 4-Equipments</b>						-