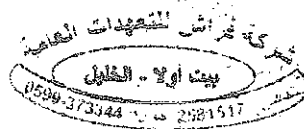


Real BO 9  
sent to  
Amal Khatib  
at 16.11.2013

Primary School For Girls  
Beit Ula

BILL NO. (01) SKELETON WORKS/CONCRETE WORKS

ITEM NO.	DESCRIPTION	UNITE	QUANTITY	RATE	AMOUNT
				US\$	US\$
	<p>PREAMBLE:</p> <p>Rates of Concrete Works shall include:</p> <ol style="list-style-type: none"> <li>1.all form works and shuttering in any form , shape and size making chamfered and curved edges , allowing for and making grooves and sleeves and the like ; removal of forms and cleaning of all exposed tie wires and rods ; making good the harmed surfaces and edges and all surface finishing.</li> <li>2. supplying, casting, vibrating and curing as per specifications.</li> <li>3. approved additives and admixtures.</li> <li>4. incurred costs on concrete mix designs , sample taking , testing and providing test results certificates , storing and saving of samples, and preparation of bar bending schedules and workshops.</li> <li>5. supplying reinforcement of any grade , size and length as detailed in the drawings , storing on site including cutting , bending and fixing in position and providing all tying wires , spacers, shop drawings, testing and bar bending schedules</li> <li>6. painting of exposed surfaces of underground reinforced concrete elements with three coats of hot bituminous paint (75/25) to a minimum thickness of 4 mm . supply of polyethylene sheets under ground slabs. (500 microns)</li> <li>7. steel bars used for alignment and fixing of reinforcement works , and extra steel added to assure proper detailing and safety.</li> </ol> <p>measurement of concrete elements shall be the net dimensions as detailed in the drawings. all recesses, openings and voids shall be deducted. measurement shall be only for the seen surfaces of elements, overlapping and measuring items twice under separate headings shall not be allowed.slabs are measured in meter square from centerline of external masonry walls.</p>				



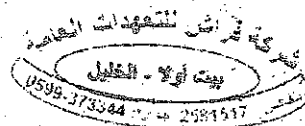
**BILL NO. (01) SKELETON WORKS/CONCRETE WORKS**

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Primary School For Girls  
Beit Ula

BILL NO. (02) SKELETON WORKS/STONE WORKS

ITEM NO.	DESCRIPTION	UNITE	QUANTITY	RATE US\$	AMOUNT US\$
	<p><b>PREAMBLE:</b></p> <p>All Stone works shall be of local stone of First class. Stone material, size, and texturing shall be in accordance with detailed drawings and Engineer's instructions and approval.</p> <p>Stones shall be of not less than (5 cm. thick, 25 cm. high and of length ranging from 1.5 to 3 times the height .) Stones shall be homogeneous in color and texturing and free of any defects.</p> <p>Cutting, shaping and building of stone shall be in straight angles, no twisting, distortion or uneven sizes shall be allowed.</p> <p>All cuttings shall be made using Manjal.</p> <p>Measurement of all types shall be in Meter Square, for the net dimensions of the vertical plan of the elevations excluding openings of any area.</p> <p>No measurement will be made for any recesses, projections or sides of stone pieces.</p> <p>Measurement of door and window jambs and reveals, corner peaces, and the like is not applicable.</p> <p>No allowances shall be made for stone pieces in any shape.</p> <p>No allowances or extra rates shall be considered for stone courses in lintels, overhanging slabs and roof slab courses.</p> <p>Taking all the above-mentioned into account, measurement for stone cladding works will follow the shape of the cladded element</p> <p>Rates of stone works shall include:</p> <ol style="list-style-type: none"> <li>1. Supplying, storing, protection and removal of rejected and surplus materials.</li> <li>2. Shaping, cutting and fitting.</li> <li>3. Mortar and backing concrete (plain concrete and /or cement blocks and plain concrete).</li> <li>4. Galvanized steel ties, dowels, hangers, steel mesh and all tying tools.</li> <li>5. Erecting and dismantling of scaffoldings.</li> <li>6. Pointing and pointing materials of any type , and cleaning of walls.</li> <li>7. Lintels and other reinforced concrete elements embedded in the stonewalls including reinforcement.</li> <li>8. 2cm polystrene boards for insulation between concrete and concrete blocks .</li> </ol>				



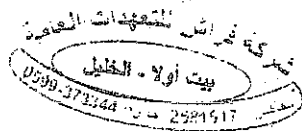
## Primary School For Girls

Beit Ula

## BILL NO. (02) SKELETON WORKS/STONE WORKS

ITEM NO.	DESCRIPTION	UNITE	QUANTITY	RATE US\$	AMOUNT US\$
2.1	Supply and build stone walls of overall thickness 30 cm and to the full length and height as shown in the drawings .Soor Mahine in first class and first quality .Rough textured "Mofajar" for facades , and smooth matabbah for jambs and reveals with plain concrete B200 , 2cm thermal insulation polyester boards and cement ( concrete ) block backing Grade 35(7*20*40 cm) 7cm thick	M <sup>2</sup>	500	65	32,500
2.2	Ditto but for roof parapet walls 27cm total thick	M <sup>2</sup>	110	60	6,600
2.3	Supply and build stone cladding facades over reinforced concrete walls , walls between tie beams and slab on hard core , slab beams. Price to include concrete filling of plain concrete Grade B - 250 , steel mesh and all ancillaries . Price not to include for the reinforced concrete elements to be cladded , which is to be measured under anothers item .	M <sup>2</sup>	85	60	5,100
2.4	Supply and build 5 cm thick stone coping for parapets , head of columns , and balcony wall parapets as shown on details				
2.4.1	Parapet walls ( 40 cm wide )	m.r	150	25	3750
2.4.2	Head of columns	M <sup>2</sup>	5	60	300
2.4.3	Balcony ( 35 cm wide )	m.r	60	25	1500

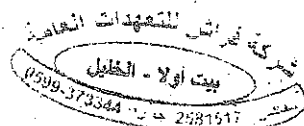
	<b>TOTAL TO SUMMARY</b>				<b>49,750</b>
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Primary School For Girls  
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**BILL NO. (03) SKELETON WORKS/CONCRETE BLOCK WORKS**

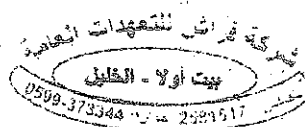
ITEM NO.	DESCRIPTION	UNITE	QUANTITY	RATE	AMOUNT
				US\$	US\$
	<p><b>PREAMBLE:</b></p> <p>All works of this bill shall be of Concrete blocks Grade 35 of high quality standards and as per specifications.</p> <p>Block works shall be measured in meter square . The net measurement of the seen elevations , excluding all openings and voids more than 0.1 M. S. in area.</p> <p>No allowance for thickness used other than those shown in the drawings.</p> <p>Rates of Block works include:</p> <ol style="list-style-type: none"> <li>1. Vertical and horizontal joints.</li> <li>2. Cement and mortar.</li> <li>3. Galvanized angles and butter fly ties.</li> <li>4. Closed end blocks at all ends , door and window jambs , reveals and the like.</li> <li>5. Pointing of the uncovered block surfaces.</li> <li>6. Concrete filling including reinforcing steel to cavities at quoins and door and window openings</li> <li>7. Strengthening columns.</li> <li>8. Lintels and bond beams to the full length of the wall , 20 cm . high and in the same wall thickness of reinforced concrete grade B-25 with due reinforcement steel , on top of doors and windows or at the height of 2.00 m.</li> <li>9. All work required to complete job as per drawings and specifications.</li> </ol>				
3.01	Supply and Build Concrete Block Walls , Grade 35 Kg/cm2 of any size blocks.				
	a. Hollow Blocks (10 Ten) cm thick	M <sup>2</sup>	127	9	1,143
	b. Hollow Blocks (20 Twenty) cm thick.	M <sup>2</sup>	446	12	5,352
	<b>TOTAL TO SUMMARY</b>				<b>6,495</b>



Primary School For Girls  
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BILL NO. (04) INTERNAL FINISHES/PLASTERING

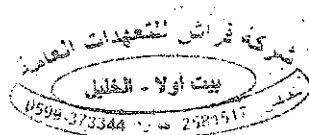
ITEM NO.	DESCRIPTION	UNITE	QUANTITY	RATE	AMOUNT
				US\$	US\$
	<p><b>PREAMBLE:</b></p> <p>Plastering to all areas shall be measured net , excluding all openings and voids more than 0.25-meter sq.</p> <p>The price shall include for running rules, all narrow widths, for taking out joints on block walls or backing concrete face for key, for making good to frames around pipes and other fittings, plastering to jambs and reveals of openings, side of columns, window sills; all of which shall be measured as plastering</p> <p>Price shall also include Expanded metal lath, angle beads at all appeared corners for the entire height, and plaster stops at opening edges, expansion joints, sills, labor, curing, erecting and dismantling of scaffoldings, additives, pigments and all incidentals required as specified and/or detailed on the Drawings.</p>				
4.1	Two Coats of Cement and Sand Plaster over one slurry coat to walls and ceilings and where required .				
	Internal Plaster	M.S	1500	6	9,000
4.2	Ditto, but for external plastering over one slurry coat to walls and ceiling and where required	M.S	200	7	1,400
	<b>TOTAL TO SUMMARY</b>				<b>10,400</b>



Primary School For Girls  
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BILL NO. (05) INTERNAL FINISHES/TILING, FLOORING AND MARBLE WORKS

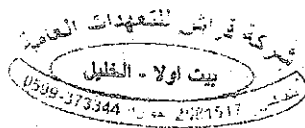
ITEM NO.	DESCRIPTION	UNITE	QUANTITY	RATE US\$	AMOUNT US\$
	<p>PREAMBLE:</p> <p>1. All tilling works (terrazzo, ceramics and marble ) shall be measured net in square meters . Deducting all opening and voids more than 0.25 M.S.</p> <p>2. Marble works for steps and treads of stairs shall be measured in linear meter . The tread , the riser , flight skirting and water stop shall be measured as a single unit.</p> <p>3. Marble works for window sills and other openings shall be measured in squared meter.</p> <p>4. Marble works for urinals shall be measured in number</p> <p>5. Parapet coping shall be measured in squared meter .</p> <p>6. Rate shall include preparation of surfaces under tiles , Finnish to falls and cross falls , special tile peace's for edges and the like , tile surface finishing , Plastic spacers. Pointing and cleaning and all incidentals as per specifications .</p> <p>7. Rates shall include also providing and mounting in place "School Title Marble Plates" of white Carrara marble , finished and engraved in the design provided br MEHE ( dimensions 70cm high * 100 cm wide )</p>				
5.01	<p>Supply, Install and finish Pre -cast Terrazzo Tiles size (30x30x3) cm, with Italian marble chipping #6. Price to include terrazzo skirting size (30 x 10 x 2) cm with same marble chipping , Price also to include bedding and jointing in cement and sand mortar , pointing with white cement , required sand fill and on site grinding where required , polishing and cleaning .</p> <p>Mortor topping shall be from italic quarts</p> <p>Supply and install local marble sills , Thresholds , and wherever needed 3cm thick</p> <p>Set in cement mortor bedding price to include grouting ,polishing of face and seen edge</p>	M.S	500	20	10,000
	TOTALS				10,000



Primary School For Girls  
Beit Ula

**BILL NO. (05) INTERNAL FINISHES/TILING, FLOORING AND MARBLE WORKS**

ITEM NO.	DESCRIPTION	UNITE	QUANTITY	RATE	AMOUNT
				US\$	US\$
5.02	Supply and Install Local Marble window Sills , Thresholds and wherever needed (3 cm thick ). Set in cement mortar bedding price to include grouting, polishing of face and seen edges .	M.S	30	50	1,500
5.03	Supply and Install Local Marble Tiles size (30*30*3) cm , for stair landings. Price to include stair landing skirting size (3010*1.5)cm , bedding cement mortar ,grouting , polishing of face and seen edges .	M.S	35	50	1,750
5.04	Ditto as above but for steps and treads of stairs. Treads of 3 cm thick and Risers of 2 cm. thick. Price shall include supplying and installing local marble for stair flight skirting in parallel setting to the nosing line at an average height of 7 cm. and 20 mm. thickness, and local marble water stop (5cm wide X 3cm thick X length as wide as the tread of the stair minus riser thickness) fixed at the end of treads . Also the price to include filling under tiles with cement and sand 1: 6 ratio , bedding in cement mortar, grouting, pointing, polishing of face and all related works. Note: The measurement for each stair will be from the adjacent wall to the external edge of the water stop of that stair.	M.R.	60	25	1,500
	<b>TOTAL</b>				<b>4,750</b>
	<b>TOTAL TO SUMMARY</b>				<b>14,750</b>



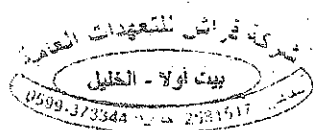


## Primary School For Girls

Beit Ula

**BILL NO. (06) INTERNAL FINISHES/CARPENTRY AND JOINERY WORKS**

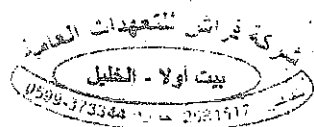
ITEM NO.	DESCRIPTION	UNITE	QUANTITY	RATE	AMOUNT
				US\$	US\$
6.01	Supply and Fix Wooden Doors 4.5 cm Thick single or double sashes. With (Frame). ( 4.5*3.5) cm pine wood edging and (3.5*9.5) cm soft wood stile . Edge strip banding of with 4.5 mm . Formica over veneer on both sides ,color as directed by engineer , door paneling to be of soft wood 4.5*3.5 cm. each 4 cm., frames of hardwood (Swedish) 3cm thickness and Allowance of 4 - 6 cm . thickness for plastering and tiling purposes , immersed in wood preservative before erection then embedded completely in sand - cement mortar and completely anchored as er specification	M.S	20	100	2,000
6.02	Apply and install wall mounted magnetic green chalk ( KALBOARD size 120*360 cm ) with silver anodized elegant aluminum frame (19*25 mm thick ) ang four strong rounded plastic ( pvc) corners fixed internally with screws to the wall , and also with silver anodized aluminum try fixed by sliding through the profile which used for chalks , markers and duster and has pvc edge for safety . The writing surface coated of steel polyester fixed by using automatic gluing machines to 11 mm thick MDF wood coverd automatically by aluminum foils . Price shall include two R.C lintels ( 20*15 cm ) to fix the board on . Reinforced with 4Ø12 & stirrup Ø8@25cm . Around the perimeter of the board .	NO..	9	300	2,700
<b>TOTALS</b>					<b>4,700</b>



Primary School For Girls  
Beit Ula

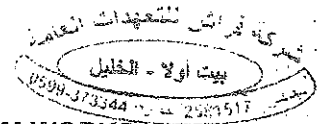
**BILL NO. (06) INTERNAL FINISHES/CARPENTRY AND JOINERY WORKS**

ITEM NO.	DESCRIPTION	UNITE	QUANTITY	RATE US\$	AMOUNT US\$
6.03	Supply and fix wooden hanging shelves for classrooms . (240 w * 30d * 30h cm) . Shelves ,sashes and partitions 17 mm . Thick of plywood coverd on both sides and seen edges with ( 0.5 mm and 0.8 mm ) thick Formica sheets internally and externally respectively Rear sides of cabinets shall be of 6 mm , thick veneer coverd internally with 0.5 mm thick Formica sheet . Price to include galvanized steel supports and all needed .				
		NO.	9	150	1,350
6.04	Supply and install pin wood board , size 120 cm * 75 cm as shown on drawings				
		NO.	9	150	1,350
6.05	Supply and Install (at the rear wall of all rooms ) Cloth Hangers of 12 cm width and 20 mm thick , Swedish wood. (Lacquer two coats in addition to primer coat ). Price to include metal hangers of approved quality and to be fixed to the base properly @ 30 cm intervals as per detailed drawings.	M.R.	50	10	500
6.06	Supply and fix Wooden Protection Rail . 20*2.5 cm of hardwood (Swedish) on height of 55 cm above finished floor level . Price to include fixing as per details and painting with one prime coat and two coats of lacquer paint.	M.R.	180	8	1,440
6.07	Supply and Fix Wooden Bottom Cabinet For Lab . room, Consisting of (30*30*3) mm. steel tubes for horizontal and vertical partitions as a whole frame painted with three oil coats as per specifications . Shelves, drawers, sashes and partitions 17mm. thick of plywood covered on both sides and seen edges with (0.5 mm and 0.08 mm.) thick Formica sheets internally and externally respectively . Price to include ironmongery handles . Flooring of Terrazzo tiles (30*30*3) cm and terrazzo skirting (30*10*1.5) cm for the porcelain sink part. Cabinet top shall be of Local Marble ; polished on all seen edges. All works shall be as per drawings and specifications.				
	<b>TOTALS</b>				<b>4,640</b>
	<b>TOTAL TO SUMMARY</b>				<b>9,340</b>



Primary School For Girls

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**BILL NO. (07) INTERNAL FINISHES/STEEL AND ALUMINUM WORKS)**

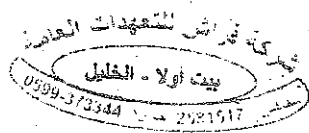
ITEM NO.	DESCRIPTION	UNITE	QUANTIT	RATE	AMOUNT
				US\$	US\$
	<b>PREAMBLE:</b> Metal works shall be measured in number. Rates for metalwork shall include for: Preparing shop drawings. Drilling, counter sinking, screwing, bolting and riveting. Sub-frames, including galvanized steel frames for Aluminum windows and architrave. Lugs, plugs, holdfasts and the like. Gaskets, sashes, double weather strips and external and internal silicon filling around frames. Ironmongery including cylindrical locks, stoppers, handles, temporarily fixing, re-fixing, oiling and adjusting. Providing three keys for each lock and padlock including tagging. Hardware including cramps, dowels and the like. Glass and glazing including cutting to size, putty and rubber. Preparing surfaces for painting one coat of primer before fixing. Sealing and Painting to any area or width in any location including work in multicolor and cutting in edges . Price includes the supply and installation of painted galvanized steel sheets size 25*25 cm fixed on 16mm plywood to be installed next to each door .Price also includes the supply and installation of the directory plates size as shown in the attached form All other accessories and incidentals required to execute the work.				
7.01	Supply, fix and operate sliding Puff Aluminum Windows with 3 paths extrusion Section 7700 or equal , with protective electrostatically applied polyester powder paint of 70-80 microns . Price to include , 6mm Float colored glazing and all other accessories and fittings to complete works as per drawings and specifications .	M.S	70	140	9,800
7.02	Supply and Install Protection Steel Grills for Windows as detailed on the drawings. Price to include fixation, accessories, welding, grinding & smoothening. Price also include oil painting three coat in addition to two primer coat for windows .	M.S	70	40	2,800
	a. Windows	M.S	70	40	2,800
	b. For corridor external opening	M.S	120	40	4,800
7.03	Supply and Fix Balustrades of seamless Steel profiles, as per Detailed Drawing.				
	a. Stairs handrails of 60*40 * 4 mm hollow steel profile and 14*14 mm square section or stair stairs handrails of 50 mm dia . steel pipe. Price to include fixing complete ,oil paint three coats in addition to primer coat (Seen height 100 cm )	M.R.	10	30	300
	b. For corridor openings 16*16mm solid bars .	M.R.	10	30	300
	c. Grab bars for staircase of 1.5" Diam. galvanized seamless steel pipes, parallel and fixed to walls.	M.R.	10	20	200
	<b>TOTALS</b>				<b>18,200</b>

Primary School For Girls

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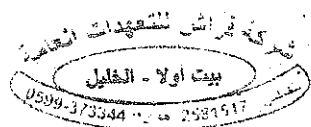
**BILL NO. (07) INTERNAL FINISHES/STEEL AND ALUMINUM WORKS )**

ITEM NO.	DESCRIPTION	UNITE	QUANTIT	RATE	AMOUNT
				US\$	US\$
7.04	Supply and Fix Steel Doors as per drawings , specification and instructions of supervisor engineer . Price to include Galvanized steel frame 2mm thick as per specifications , complete fixing , ironmongery, cylindrical , cylindrical locks handles ( Approved by Palestine Standards Institution ) 6mm glazing ,gaskets ,oil paint in three coats in addition to two primer coats .	M.S	10	200	2,000
	<b>TOTAL</b>				<b>2,000</b>
	<b>TOTAL TO SUMMARY</b>				<b>20,200</b>



Primary School For Girls  
Beit Ula  
**BILL NO. (08) INTERNAL FINISHES/PAINTING WORKS**

ITEM NO.	DESCRIPTION	UNITE	QUANTITY	RATE	AMOUNT
				US\$	US\$
	<b>PREAMBLE:</b> Painting and decorating to walls, ceilings and the like shall be measured net in meter square. Painting to other works shall be included in the related items. Paints shall be supplied to site in sealed container, as approved by the Engineer, and site mixing shall not be permitted. The Contractor rates shall include for supply of all materials, workmanship, samples, primers, surface preparation, protection of painted surfaces, application to all heights as required of works, repair of all damaged surface at the contractor's expenses, and all other requirements as stated in the Specifications. All paint types should be approved and having a supervision certification from PSI				
8.01	Supply and paint high quality emulsion paint , for walls as per indicated in finishing tables , on one painting coat and two finishing coats of complete putty ,as per satisfaction of the supervisor engineer .	M.S	750	2	1,500
8.02	Ditto , but matte oil paint	M.S	750	5	3,750
8.03	Supply & paint three coats Arasid paint for ceillings and drop beams ( sides and bottom ) of high quality ( Approved by Palestine Standards Institution )	M.S	500	2	1,000
8.04	Supply & paint three coats of external quality waterproofing supercyl paint for internal staircase walls , corridor parapets & walls, toilet walls , and where exposed to weather conditions and wherever needed , and directed by engineer and according to drawings and specifications .	M.S	200	4	800
	<b>TOTAL TO SUMMARY</b>				<b>7,050</b>



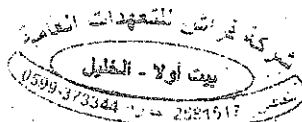
Primary School For Girls  
BILL NO. (08) Eletrical Works

ITEM NO.	DESCRIPTION	UNITE	QUANT ITY	RATE	AMOUNT
				US\$	US\$
	<p><b>PREAMBLE:</b></p> <p>The contractor shall when pricing the rates of the following electrical bills take into consideration including and allow for the cost expenses of all requirements stipulated in the preambles,</p> <p>The contractor's total proce for works shall include for the supply, execution, completion and testing of the whole of electrical installation works and related systems in accordance with the drawings, bill of quantities and specifications.</p> <p>All electrical conduits under tiles, floor, wall should be protected by cement layer and all electrical excavation works should be removed from site as specified in the technical specification and drawings.</p> <p>The above mentioned shop drawings, electrical switchboards shop drawings , as built drawings and all other required details drawings are to be included in the rates for no additional cost.</p>				
9.1	<p><b>Installation in the building points :</b></p> <p>The following items are supply, installation of same, connection, wiring, commissioning, and all other details and all electrical conduits should be protected by cement motar or concrete layer as specified in the technical specification and drawings</p>				
9.1.1	Supply and install all the electrical works in slab rate includes 3/4" conduits, pull boxes no . 3001 ayala type, lamp points, light circuits, preparation for switches all all necessary points all according to drawings and specifications	L.S	1	500	500
9.1.2	Supply and install all the electrical works in slab rate includes 3/4" conduits, pull boxes no . 3001 ayala type , fire alarm points , fire alarm circuits, preparation for break glass and all necessary points all according to drawings and specifications	L.S	1	500	500
9.2	<b>Cable conduit and Ducts:</b> supply, install and connect the following standard or self extinguishing type plastic conduit , processed over or under plaster, junction boxes, labeling, unios, connectors, galvanized drw strings, and all other fittings and accessories needed to complete the work as per dwgs,				
9.2.1	4" diameter flexible conduit TAKEN type	M.L	10	10	100
9.2.2	2" diameter flexible conduit TAKEN type	M.L	10	10	100
9.3	<b>Grounding work</b>				
9.3.1	30X3.5 mm galvanized steel strip (Roll) to be welded to building foundation reinforcement and connected to the equipotential bus bar of (MDB) by means of insulated copper conductor including all required materials, boxes, testing terminals, and all accessories.	L.S	1	100	100
<b>Total Summary of this page</b>					300



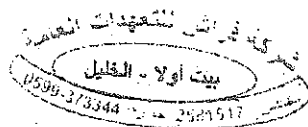
Primary School For Girls  
BILL NO. (08) Eletrical Works

ITEM NO.	DESCRIPTION	UNITE	QUANT ITY	RATE US\$	AMOUNT US\$
ITEM NO.	DESCRIPTION	UNITE	QUANT ITY	RATE US\$	AMOUNT US\$
	<b>Finish, Electrical work</b> Internal				
	<b>PREAMBLE:</b> All supplied materials should be local made (if available) Class A and free from defects, having Supervisor certificates from Palestinian Standards institution PSI Price to include submittal and obtaining approval of Shop drawings, detailed and as-built drawings for all works as well as coordinating the same with the other services, activities and furniture. Price to include also submittal of catalogues and manufacturer instructions. Fixtures and appliances shall be measured in number. Supply and feeder cables, cable Manholes, handholds and the like shall be measured in numbers. All systems and devices shall be in lump sum including installation, testing and commissioning.				
9.4	<b>Sub-distribution boards</b> : supply, install and connect the panel boards factory made oven painted 2mm thickness with LV part Price to include the enclosure , miniature breakers (not less than 6 K.A Cap ) bus bars and all accessories including feeders XLPE cables and PVC pipes as shown on drawings and specifications	NO.	2	750	1500
9.5	<b>Sockets and outlets</b> : supply, install and connect the following socket outlets points including (3X2.5mm <sup>2</sup> )wires, conduits, sockets, draw boxes and all accessories up to DB as per drawings and specifications a. 3 pin single-phase 16 Amp sockets	NO.	24	40	960
	b. Ditto but waterproof (IP65)	NO.	2	50	100
	<b>Total Summary of this page</b>				2,560



Primary School For Girls  
BILL NO. (08) Eletrical Works

ITEM NO.	DESCRIPTION	UNITE	QUANT ITY	RATE	AMOUNT
				US\$	US\$
9.6	<b>lighting points</b> : supply, install and connect lighting points including conduits and (3X 1,5mm2) wires up to the DB , light switches and all accessories as per drawings and specifications	NO.	40	20	800
9.7	<b>lighting fixtures</b> : supply, install and connect the following lighting fixtures including boxes , switches, push buttons , bulbs of tubes control gears p .f. correction capacities and all accessories as per drawings and specifications				
	a. Surface mounted Fluorescent 2X 36W with U reflector		24	40	960
	b. Surface mounted Fluorescent 2 X 40 W with Epoxy polyester powder coated steel with acrylic opal . Design provides optimum light distribution IP40		4	50	200
	c. Ditto but with emergency kit 1.5 hou		2	150	300
	d. Surface mounted decorative round 30Cm waterproof lighting fixture 2 X 13 w PL lamps with metal base and milky opal diffuser like acrylic attached to the base with four screws IP54		20	35	700
	e. Ditto with emergency kit 1.5 hour duration		2	100	200
	f. Ditto, as d but wall mounted		2	100	200
	g. Projector unit with 250 W Metal Halide with aluminum body includes water proof connection box 10X 10cm wall mounted weather proof type, IP65		10	100	1,000
9.8	<b>Lightening system</b> : Supply, install lightening system Pulsar 30, on stair roof. The system should protect the building and the area around the building . The price to include a separated earthing system (earth wire 70mm2 isolated, 3 electrodos 19mm2 X 1.5m in 3 manholes (20 X 20X20 Cm ) and according to manufacturer instruction and by the agreement of supervision engineering	L.S	1	1,800	1,800
	<b>Total Summary of this page</b>				6,160
	<b>Total</b>				9,020



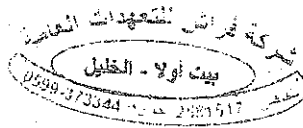


Primary School For Girls  
Beit Ula

BILL NO. (10) MECHANICAL WORKS

ITEM NO.	DESCRIPTION	UNITE	QUANT ITY	RATE	AMOUNT
				US\$	US\$
	<p>PREAMBLE:</p> <p>1- Drainage pipes and their fittings should be UPVC with taken approved type Hulirot or E.A</p> <p>2- Drainage Pipes should be measured in run meter .</p> <p>3- Rates to include :</p> <p>a- Supply of material mworkmanship , installation , testing and</p> <p>b- Workshop, coordination and as built drawing as approved by</p> <p>c- All ties , sleeves , joints , tie boltsand rods , pipes support , brackets, and like</p> <p>d- Excavation and cutting for all pipe laying works , bedding , back filling and all works connected with pipe laying</p>				

Internal Sewage and storm water network



BILL NO. (10). MECHANICAL WORKS

شركة غراس للتعديلات المعمارية  
بيت اولاد الخليل  
0599-373344 - 0599-373344

Primary School For Girls  
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Summary

Item	Description	Total US\$
Bill No. 01	Concrete Works	63,475
Bill No. 02	Stone Works	49,750
Bill No. 03	Concrete Block Works	6,495
Bill No. 04	Plastering	10,400
Bill No. 05	Tiling, Flooring and Marble Works	14,750
Bill No. 06	Carpentry and Joinery Works	9,340
Bill No. 07	Steel and Aluminum Works	20,200
Bill No. 08	Painting Works	7,050
Bill No. 09	Electrical Works	9,020
Bill No. 10	Plumbing, Sanitary and Mechanical Works.	2,100
<b>Subtotal</b>		<b>192,580</b>
<b>Grand Total</b>		<b>192,580</b>
Percentage		
<b>Net Grand Total</b>		

All prices excluding the Value Added Tax (VAT)

The Sum of 192,580 US\$

And \_\_\_\_\_ CENT

Contractor: \_\_\_\_\_

Contractor:

*Farsh General Contracting Company*  
*بدد ALISH farash*

Date: \_\_\_\_\_

