

Item	Description	Unit	Qty	Unit rate in USD	Total Amount USD
	The work shall include and comply with the following:- a. Removing the demolished material off site to authorized dumping sites. b. The dismantled materials are the sole property of the client (in case those material are required by the Client). c. The contractor shall coordinate implementation of his daily work activities, working hours, throughout the construction period with the client and the supervising engineer for smooth implementation of the work and to avoid interruption of the functioning building. d. The contractor shall protect and safe guard the existing facilities and building finishes, including the painting, the floor tiles. e. The contractor shall make the necessary temporary water, electrical power connections. Etc. to prevent interruption of the power and water supply for the existing functioning building. f. The contractor shall take all necessary measures to ensure safety of his labor and the existing structures, finishes, utilities, services. Etc. and to minimize environmental hazards including pollution, noise and dust.	Note			
	<b>A - Preparation and Cleaning the Site</b>				
A1	Cleaning up the site from Removing the demolished material off site to authorized dumping sites, the rate includes removal works of surbs and useless plants.	L.S	1		
	<b>C - Concrete Works</b>				
C1	Supply and cast plain concrete C25 slabs for students squares with a thickness of 15 cm and a stress breaking 25 N / mm2 using cement according to the required specifications and work includes the work of expansion joints and filled with elastic material and surface leveling in accordance with the technical rules and instructions of the supervising engineer.	SQ.M	310		
	<b>D - Painting Works</b>				
	All painting materials shall be of high quality approved product complying with the technical specifications and manufacturer's instructions. The works & Rate shall include surface preparation for new painting works, including peeling off old damaged paint, Crack Repairing with filling holes, plaster patching, putty, priming, etc. Type and textures and finishing paint coat shall be similar and matching the existing paint finishing.	Note			
D1	Supply & paint minimum 2 coats colored emulsion paint (Supercryle) on the internal walls and roofs. The work shall also include removing the old paints, cleaning, surface preparation and puttying, Cracks Repairing and all required works, and rendering coats to match the existing paint finishing in accordance of the technical specifications and Engineer Instructions.	SQ.M	1130		
D2	Supply & apply 2 coats of colored oil paint for internal walls. The work shall include surface preparation, removing old paint, sanding, putty, in accordance of the technical specifications and Engineer Instructions	SQ.M	1710		
	<b>F - Doors, Windows Works</b>				
	The work shall include supply, fabricate and installation of a high quality doors and windows, in accordance with relevant Standards and or as per the existing doors and windows. The contractor shall submit shop drawings for the approval of the Engineer, prior to fabrication. Rate to include supplying and installing high quality, hardware and accessories.	Note			
F1	Maintenance of the wooden items (doors leafs+Frames) for classrooms, offices and Bathrooms, the works shall include (Handle & locks, joints with replacement of damaged parts, repainting, cleaning the surface well and repainting it, door stop installation), all rate includes all required items and as per instructions of the Engineer.	No	24		
F3	Supply and installation of wood door lock filler from approved sample with constant External key (Italian or Turkish-made certified) the price includes all required as according to technical specifications and instructions of the engineer	No	12		
F4	Supply and installation of transparent glass with (4 mm Thickness) for the openings of windows at the main entrance according to the quality required and includes the installation of a frame of (rubber or wood interior and exterior) and the price should include all necessary for the work in accordance with the technical specifications and instructions of the supervising engineer	SQ.M	10		
	<b>G - Ceiling &amp; Insulation works</b>				
G3	Supply and installation of Strips fiberglass curtains for Administration Offices with opening method vertical movement of approved sample, and installation according to technical assets and instructions of the supervisor engineer	SQ.M	36		
1	<b>Total for Civil Works</b>				
	<b>H - Plumbing &amp; Sanitary Works</b>				
	Plasticized polyvinyl chloride (uPVC) pipes shall be used in the plumbing installation and they must confirm in every respect to the requirements of BS 4514. All fittings and pipe specials used in the plumbing installation shall be suitable and compatible with all respects to the pipe line to which fittings and specials are fixed. All sanitary fittings & fixtures shall be ISO certified and approved by engineer Rates for plumbing work shall include for:- Cutting and waste of pipes etc., and joining pipes. All specials such as elbows, bends, tees, junctions, plugs, reducers and similar pipe fittings except for valves which will be measured separately. Testing and disinfection after completion.				
H3	Supply and install 10 liter plastic flushing cistern (grade A) suite comply with BS 3402, with high quality chromium plated tap 1/2" including valves, fittings and all associated accessories, the rate shall include removal works for the old and preparation for the new as per Engineer Instructions.	No	2		
H4	Supply and installation of water mixer and hot and cold water holders from approved sample, the price including all necessary as per Engineer instructions.	No	5		
H5	Supply and install high quality electrical water heater, 80 liters capacity, 0.8 Map pressure, provided with temperature gauges, including water supply pipes 16mm, chromium plated control valve, non-return valve electrical connections and all required works.	No	2		

Item	Description	Unit	Qty	Unit rate in USD	Total Amount USD
H4	Supply and fix white hand wash basin with overflow and single hole faucet, size 480 x 580 mm, made of high quality (grade A), complete with Mixer and all water supply pipes, with High quality chromium plated mixer (Grade A) and waste trap. The work include all related work accessories and fittings.	No	2		
H10	Supply and installation of mirror , Hand wash basins size 60 * 80 of approved sample for Teachers bathroom.	No	2		
H12	Supply & installation of water tube for toilets with 1/2 inch diameter and chromium valve from approved sample and the rate includes its PVC pipe (Not less than 1 m length) with removal of the old one and as per Engineer instructions.	No	2		
2	Total Sanitary and Plumbing Works.				
<b>I - Electrical Works:</b>					
	Unless otherwise stated, rates in Bill of Quantities shall include all removal of old ones and supplying all necessary materials Cables, conduits, PVC sunk box, bulbs, switches etc.) and labor required to complete the electrical installation to good working order. Except where specifically stated, all costs associated with provision of all holes, openings, chases, ducts and other builders' work required for installation and make them good, shall be included in the rates. Testing and commissioning of the electrical installation is to be carried out by the contractor and cost of such testing and reports to be included in the rates unless otherwise mention separately. All types of fittings, materials, painting and finishes shall be approved by the Engineer prior to installation.				
I1	Supply and install single pole 16 A, 220V, lighting switch for Liberary and Offices, The work include removal of old ones and all required works.	No	22		
I2	Ditto,But for Sockets, single pole 16A@220Volt.The price includes removal works of old ones and all required works.	No	22		
I3	Supply and install fluorescent lighting with ( 2 X 40 watt X 120 cm length) with plastic cover , including lamps, 3 X 2.5 mm2 wires, conduits, capacitors, clamps, bolts, and all needed accessories. The work includes removal of the old ones.	No	58		
I4	Supply and fix high quality of Air extractor size 300mm*300mm for Toilets & Resturant , including all required wiring and accessories according to the engineer instructions.	No	3		
I5	Supply and install lamps of (60 x 60) cm LED lighting fixture 40 watt for Adminstration Office with plastic cover input ( 85 to 250) volt for suspended ceiling at Adminstration Offices & Corridor ,Price is including remove the old ones, conduits, chock coils, clamps, bolts, one spare chock coil and all needed accessories.	No	14		
I8	Supply and fix plastic covers for electrical junction boxes,.	No	10		
3	Total of Electrical Works.				
<b>J- Metal Works</b>					
J1	Supply and installation metal sunshade for students square, made from steel posts,covered by Colored sheets with (0.4 mm thickness) the price includes wilded steel trusses ( hollow steel 5*7 cm @ Height 4.60 m, the mains poles (10 X 10 cm @ 2 mm thickness,including (Reinforcement Concrete Footings 50 cm X 50 cm X 1 m Depth).hardware, painting with approved anti-rust and excavation works for footings in any type of ground area according to the drawing and engineer instructions.	SQ.M	240		
4	Total of Metal Works.				
<b>Section Bill Of Quantities Sections Summary</b>					
1	Sub- Total For Civil Works				
2	Sub- Total For Plumbing and Sanitary Works				
3	Sub- Total For Electrical Air Conditioning Works				
4	Sub- Total For Metal Works				
<b>Grand Total USD</b>					