

Item	Description	Unit	Quantity	Unit Rate USD	Total Amount USD
A - Demolishing and preparatory works:					
	<p>The work shall include and comply with the following:-</p> <p>a. Removing the demolished material off site to authorized dumping sites.</p> <p>b. The dismantled materials are the sole property of the client (in case those material are required by the Client).</p> <p>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.</p> <p>d. The contractor shall protect and safe guard the existing facilities and building finishes, including the painting, the floor tiles.</p> <p>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.</p> <p>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.</p>				
A1	Dismantle and remove ceramic from internal walls and floors tiles in the existing bath rooms (For 3 Floors), including removal of surplus and preparing surfaces for new tiling works.	SQ.M	336		
A2	Dismantle and remove under floor sewage pipes of any size of (3 Floors) and remove surplus.	Lin.M	70		
A3	Dismantle and remove the damaged sanitary fixtures including hand wash basins and shower sinks including preparation for new works and remove surplus.	No	7		
A4	Dismantle and remove damaged Eastern & EU Toilets at W.C. suite or shower pan and remove surplus.	No	8		
A5	Dismantle and remove the existing water pipes and fittings of any size for (all Toilets) and remove surplus.	Lin.M	90		
A6	Demolish and remove door and Concrete lental beams at toilets to raise up the height	Lum.S	1		
A7	Dismantle and remove wooden doors of any size at All Toilets, including frames.	No	31		
A8	Demolish and remove old plaster and preparing surfaces for new tiling works for All Toilets.	SQ.M	216		
A9	Demolish and remove block work walls, including preparing surfaces for new works at ground floor Toilet.	CU.M	3		
A7	Dismantle and remove wooden doors at Bathrooms with size (1.00 m X 2.00 m), with frames including preparation its place for the new works ,The price includes re-installation works with all required as per Engineer directions	No	24		
B - Block Works					
B1	Supply & build hollow concrete blocks (grade A) of size 40x20x20cm, built with cement sand mortar (1:3) mix according to technical specification and instructions of the Engineer.	SQ.M	20		
B2	Supply and installation of reinforced concrete for the door lental beams for the purpose of adjusting the height of the according to technical specification and instructions of the Engineer.	CU.M	4		
D - Painting Works					
D1	Supply & paint minimum 2 coats emulsion white paint (Supercryle) for Toilets Roof. The work shall also include removing the old paints, cleaning, surface preparation and puttying, and all required works, finishing as per instructions of the Engineer	SQ.M	123		
E - Tiling and Marble Works:					
	<p>The work shall include and comply with the following:</p> <p>Tiles should be of high quality approved product, comply with relevant applicable specifications..</p> <p>Samples should be provided for the Engineer's approval</p> <p>Surface preparation for new tiling works.</p> <p>Tiling pattern and color shall match the existing, as directed by the Engineer.</p> <p>Cleaning and grouting with approved grout.</p>				
E1	Supply and install white ceramic tiles (grade A), for walls with (25cm X 50 cm), according to the specifications and Engineer's instructions.	SQ.M	502		
E2	Supply and install white non- slip ceramic floor tiles (grade A), size (30 cm X 30 cm x 8mm) thick for toilet floors, laid on 30mm mortar bed, according to the specifications and Engineer's instructions.	SQ.M	130		
E3	Supply and installation of white marble (carara grade A or equivalent)for Toilets Door Frames & stairs (with Removal the old) . Including removing the existing , Price shall cover all required works and Engineer's instructions	SQ.M	171		
G - Insulation works					
G1	Supply and apply 2 coats of a High quality waterproofing emulsion on concrete surfaces including the bottom of the wall with (0.25 cm Height) surface preparation and in accordance with the manufacture's instruction, specification and the Engineer's approval.	SQ.M	106		
G2	Maintenance And Repairing for damaged Concrete cover of Toilets Roof and the defects surfaces at the second floor with High Quality Materials accordance with manufacture's instructions and the Engineer.	SQ.M	16		
1	TOTAL OF CIVIL WORKS				
H - Plumbing & Sanitary Works					

Item	Description	Unit	Quantity	Unit Rate USD	Total Amount USD
	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.				
H1	Supply and install and connect Poly Propylene (PPR) pipes 3/4", for potable water network. The work shall include the needed fittings such as tees, bends, and all related work accessories.	Lin.M	126		
H2	Supply and install white Eastern W.C. (grade A) suite comply with BS 3402, with 10 liter plastic flushing cistern, good quality chromium plated tap 1/2" including PVC pipes (Not less than 1 m), valves, fittings and all associated accessories.item is including removing the old onse and preparation work place for the new works as directed by the Engineer.	No	9		
H3	Supply and install and white European W.C. (grade A suite comply with BS 3402), with 10 liter ceramic double action flushing cistern, chromium plated tap 1/2" , including PVC pipes(Not less than 1 m), valves, UPVC drainage pipe connecting to the nearest manhole or sewage header and all associated fittings and accessories.item is including removing the old onse and preparation work place for the new works as directed by the Engineer	No	10		
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	10		
H5	Supplying and installing a 70 x 70 cm bath tub of good quality, complete with siphon, mixer and shower, all of which are copper plated with chrome. The category includes a 3/4 locker with a coated copper rim and a plastic link of 1/2 1/2 inch to a floor siphon and a 15 x 15 Cm and the price includes all required works as per Engineer Instructions.	No	1		
H6	Supply and install high quality electrical water heater with 50 liters capacity, 0.8 Map pressure, provided with temperature gauges, including water supply pipes 16mm, chromium plated control valve, non-return valve ,Switcher ,electrical connections and the price includes remove the old ones and all required works as per Engineer Instructions..	No	4		
H7	Supply and install UPVC pipes 1.5" and 10 bar pressure. The work include all tees, bends, and all related work accessories and fittings.	Lin.M	32		
H8	Supply and install UPVC pipes 2" and 10 bar pressure, The work include all tees, bends, and all related work accessories and fittings.	Lin.M	52		
H9	Supply, install and connect UPVC pipes 4" and 10 bar pressure, for waste water network. The work include all tees, bends, and all related work accessories and fittings.	Lin.M	26		
H10	Supply and installation of mirror , Hand wash basins size 60 * 80 of approved sample for the new women toilet .	No	1		
H11	Supply and install a High quality Floor Siphon, With (15 cm X 15 cm) including installation of chromium plated cover and all the necessary supplies to complete the work as required as by Engineer.	No	39		
H12	Supply and installation of water sealing Chromium valves for P.P.R pipes with diameters of 1/2, 3/4, 1 inch, according to the approved sample, technical assets and instructions of the honor engineer.	No	10		
2	TOTAL OF PLUMPING WORKS				
	I - Electrical Works:				
	Unless otherwise stated, rates in Bill of Quantities shall include 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 (Grade A). The work include removal of old ones and all required works.	No	1		
I2	Ditto, but double pole 16 A, 220 V.	No	6		
I3	Supply and install single pole 16 A, 220V Socket(Grade A) The work include removal of old ones and all required works.	No	6		
I4	Supply and fix good approved type of Ventilation Fan size (25 cm X 25 cm) to replace the old ones, including all required wiring and accessories according to the engineer instructions.	No	4		
I5	Supply and install fluorescent lighting with (2 X 40 watt X 120 cm length) with plastic cover , water proof type IP 65, for toilets 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	12		

Item	Description	Unit	Quantity	Unit Rate USD	Total Amount USD
16	Maintenance with Testing and commissioning of the entire electrical installation in the Toilets. The work includes (wiring, disassembly and removal & Cleaning the building to be ready to accept work and new fixtures. And ensure the quality of the connections and everything necessary to finish the work according to the instructions of the Engineer	Lum.S	1		
3	TOTAL OF PLUMPING WORKS				
Section	Bill Of Quantities Sections Summary				
1	Sub-Total For Civil Works				
2	Sub- Total For Plumbing and Sanitary Works				
3	Sub- Total For Electrical Air Conditioning Works				
Grand Total In USD					