

BILL OF QUANTITIES					
<u>SEEPAGE TREATMENT OF WASHROOMS AND REPAIR WORK OF RAMP AT BUDC&H BUILDING</u>					
S.No	Description of Work	Unit	Qty/Area	Rate	Amount
Scope (Applicable to All Sections): All works shall be carried out in washrooms at G+F1+F2+F3+F4. All materials, fittings and accessories shall be brand new, of approved quality and installed complete with all labor, tools, equipment and incidental works. All works shall be executed as per specifications and shall be subject to the inspection and approval of the Site Engineer, complete in all respects.					
1	Removing, refixing and realigning existing European Water Closets (WCs) in washrooms from Ground Floor to Fourth Floor including all fittings, fixtures, connections and making good the disturbed surfaces, complete in all respects and In case of any damage during dismantling or refixing, the Contractor shall replace the damaged item(s) with new ones of equivalent make and quality at no additional cost.	No	44		
2	Removing, refixing and realigning existing Wash Basins including pedestal stands in washrooms from Ground Floor to Fourth Floor including all fittings, fixtures, waste and water supply connections, complete in all respects. In case of any damage during dismantling or refixing, the Contractor shall replace the damaged item(s) with new ones of equivalent make and quality at no additional cost.	No	26		
3	Demolishing existing bathroom floor tiles and Plain Cement Concrete (PCC) (4"-5" deep), removing existing wall tiles up to 2'-3' height and dismantling the existing Wazu Khana, Indian Water Closets (WCs), fresh water supply lines, sewerage connections and all associated plumbing pipes from Ground Floor to Fourth Floor including loading, transportation and disposal of debris to the location as directed by the Site Engineer, complete in all respects. The work shall include careful dismantling to avoid damage to adjacent structures, fittings and services. In case of any damage during execution, the Contractor shall be fully responsible for rectification or replacement at no additional cost to the Employer	SFT	3600		
4	Providing and laying underfloor stone chips filling/plaster, 1"-1½" thick, in washrooms from Ground Floor to Fourth Floor including surface preparation, leveling, compaction, dressing to the required level and complete in all respect	SFT	3600		
5	Providing and laying Plain Cement Concrete (PCC) underfloor in Cement Concrete (1:2:4) mix in washrooms from Ground Floor to Fifth Floor including mixing, laying, compacting, leveling, curing and finishing, complete in all respects	CFT	950		

6	Providing and fixing approved quality glazed ceramic wall tiles (12" × 18") on bathroom walls and matching ceramic floor tiles in washrooms from Ground Floor to Fourth Floor including cement mortar/bonding adhesive, cutting, joint filling with matching grout, finishing, cleaning and all necessary accessories, complete in all respects (Master, Shabeer or equivalent approved)	SFT	3600		
7	Providing and fixing PPR (PN-20) pipes of the specified diameter complete with all required fittings and accessories including elbows, tees, sockets, couplings, unions, bends and all necessary jointing and fixing materials. The work shall include cutting and excavation through PCC floor of any thickness, ducts and other obstructions as required, laying, jointing, testing and commissioning of the pipeline from the existing duct to the designated water supply points including all necessary connections to the existing water supply network complete in all respects. (Master, Dadex or equivalent approved make).				
a	25mm	RFT	400		
b	32mm	RFT	250		
c	40mm	RFT	150		
d	63mm	RFT	150		
8	Providing and fixing gate valve				
a	25mm	Each	10		
b	32mm	Each	10		
c	40mm	Each	5		
d	63mm	Each	5		
9	Providing and fixing uPVC pipes of the specified diameter complete with all required fittings and accessories including elbows, tees, sockets, couplings, bends and all necessary jointing and fixing materials. The work shall include core cutting and excavation through PCC floor of any thickness, ducts and other obstructions as required, laying, jointing, testing and commissioning of the pipeline including connection using existing duct to drainage/sewerage network to external manhole point complete in all respects. (Master, Dadex or equivalent approved make).				
a	2" dia	RFT	100		
b	3" dia	RFT	200		
c	4" dia	RFT	400		
d	6" dia	RFT	100		

10	Providing and fixing Tee Stop Cock with all necessary fittings, unions, PTFE tape, accessories and connection to the water supply line, including cutting, threading, testing, commissioning and making good the disturbed surfaces, complete in all respects. (Faisal or equivalent approved make)	No	20		
11	Providing and fixing Muslim Shower (Faisal or equivalent approved make) complete with flexible stainless steel hose, wall hook, angle valve / Double Bub Cock, all necessary fittings, accessories testing, commissioning and making good the disturbed surfaces, complete in all respects.	No	20		
12	Providing and fixing Squatting pan/Indian WC of approved quality complete with P-trap, PVC low-level flush tank with all internal fittings, Tee Stop Cock, flexible connection, flush pipe, seat, necessary brackets, fixing accessories and all required plumbing connections to the water supply and soil pipe system including testing, commissioning and making good the disturbed surfaces, complete in all respects. (Porta or equivalent approved make	No	12		
13	Providing and fixing Floor Trap of 4" x 4" complete with stainless steel grating, trap body, water seal, all necessary fittings, jointing materials and including, testing, commissioning , complete in all respects.	No	30		
14	Providing and fixing 2" x 2" Gypsum False Ceiling comprising approved quality gypsum ceiling tiles laid in a hot-dip galvanized exposed T-grid suspension system including main runners, cross tees, wall angles, hangers, suspension rods, clips, fasteners and all necessary accessories. The work shall include cutting, trimming around light fixtures, diffusers and other services, leveling, alignment and complete installation as per the manufacturer's specifications and approved drawings, complete in all respects.	SFT	150		
15	Providing and carrying out chipping of existing defective plaster and applying new cement sand plaster of approved thickness including waterproofing treatment, surface preparation, curing and finishing. The work shall also include application of primer and two coats of approved quality emulsion paint to match the existing finish, complete in all respects.	SFT	600		
16	Providing and laying 5" thick solid concrete block masonry in Cement Sand Mortar (1:4) including ½" thick cement sand plaster (1:4) on both faces, scaffolding, curing, making good all adjoining surfaces and providing all labor, materials, tools,	SFT	45		

	equipment and accessories required to complete the work in all respects				
17	"Providing and fixing white cement with white stone chips of approved size and color including 2'x2' marble patties, surface preparation, leveling, joint filling, polishing and finishing, complete in all respects as approved by the Site Engineer."	SFT	100		
18	Providing and fixing/replacing existing defective and damaged graphite/rakhwal work in the existing building from Ground Floor to Fourth Floor including removal of damaged portions, surface preparation, fixing of new material of approved quality and color, finishing and all necessary labor, materials, tools and accessories, complete in all respects as approved by the Site Engineer.	SFT	800		
19	Repair Work of Ramp Amount Quoted of repair work of ramp should be consolidated for a+b+c+d)				
a	Providing and carrying out chipping and removal of all loose, uneven and defective concrete/plaster from the existing ramp surface including peeling off loose material, cleaning and washing the surface to make it suitable for further treatment, complete in all respects.	SFT	2200		
b	Providing and applying Epoxy Mortar (Sika or approved equivalent) for repair of the existing ramp surface by filling all holes, honeycombs, cracks and depressions after chipping including surface leveling, finishing and curing in accordance with the manufacturer's specifications and recommendations, complete in all respects				
c	Providing and applying one coat of Epoxy Primer (Sika or approved equivalent) on the prepared concrete surface in the existing ramp surface accordance with the manufacturer's specifications including surface preparation and curing, complete in all respects.				
d	Providing and applying 2–4 mm thick Epoxy Anti-Skid Coating (two-pack resin and hardener system) over the primed surface including application of minimum three coats using roller and squeegee as recommended by the manufacturer, allowing the required curing period of 24–72 hours. The work shall be carried out using Sika or approved equivalent materials and complete in all respects.				
GRAND TOTAL					