

**STRENGTHENING OF FACULTY OF ORAL HEALTH SCIENCES
(EXTERNAL DEVELOPMENT WORKS)**

GENERAL ABSTRACT

S. NO:	DESCRIPTION	TOTAL AMOUNT
1	EXTERNAL DEVELOPMENT WORKS	

CONTRACTOR

PROJECT DIRECTOR
Planning & Development Department,
Dow University of Health Sciences, Karachi

STRENGTHENING OF FACULTY OF ORAL HEALTH SCIENCES
(EXTERNAL DEVELOPMENT WORKS)

Sr.#	Description	Unit	Qty	Rate	Amount (Rs.)
1	Dismantling cement block masonry.	Cft	2,330.00		
2	Dismantling Reinforce concrete.	Cft	300.00		
3	Removing Cement Plaster or color create.	Sft	1,200.00		
4	Excavation in foundation in all kinds of soils, dry or wet, hard or soft, upto required depth including all operations of dewatering at site clearing complete.	Cft	3,850.00		
5	Refilling of earth with excavated with surplus earth from foundation lead upto one chain and lift upto 5 feet.	Cft	2,250.00		
6	Filling earth obtained from outside source or exterior and filling the same in under floor , i/c breaking clods, dressing, watering & consolidating by ramming in layers not exceeding 6" in depth i/c all lead & lift complete as per drawing, specification and approval of Engineer.	Cft	9,850.00		
7	Providing and laying plain (S.R) cement concrete class 'E' 1:4:8 in foundation using 1" maximum size graded crushed aggregate or gravel of approved quality with local sand of approved quality including form work, rodding, vibrating, compacting, leveling and curing etc. complete.	Cft	3,575.00		
8	Providing and laying plain cement concrete (S.R) class 'D' 1:3:6 in situ using 1" maximum size graded crushed aggregate or gravel of approved quality with local sand of approved quality including form work, rodding, vibrating, compacting, leveling and curing etc. complete.	Cft	635.00		
9	Errection and removal of centering for R.C.C or plain cement concrete works of partial wood. (ii) Vertical.	Sft	870.00		
10	Providing fabricating and laying Ribbed bars grade 60 steel reinforcement bars including cutting, bending, binding with G.I binding wire of 18 gauge including cost of CC blocks complete as per drawings specifications and approval of the Engineer. Ribbed Bar	Ton	3.00		

Sr.#	Description	Unit	Qty	Rate	Amount (Rs.)
11	P/L RCC class 'C' 1:2:4 of specified strength using approved quality 3/4" maximum size graded crush aggregate and fine aggregate including, rodding, vibrating, compacting, leveling and curing etc complete. Ratio 1 : 2 : 4	Cft	625.00		
12	P/I C.C. class 'D' 1:3:6 Solid Block masonry of specified thickness upto any height set in 1:4 cement sand mortar including all required scaffolding, raking out and cleaning of joints and curing etc. complete.	Cft	1,800.00		
13	Applying floating coat of cement 1/32"thick.	Sft	2,775.00		
14	P/A 3/4' thick external cement plaster to walls, columns, beams and chajjas and wherever required with cement mortar 1:4 (one part of cement four part of sand) including all corners, recesses, jambs and raking out joints of masonry, roughing the surface and cement slurry backing to all surfaces, all finished smooth, curing etc. complete with rounding of corners at junctions as specified, including all scaffolding.	Sft	2,775.00		
15	P/A weather shield paint of ICI/Berger Robbilaic on external surface 3 coats including preparation of surfaces, sand papering etc. complete .	Sft	3,600.00		
16	P/L Hala or Pattern ceramic tiles 8"x 8" size glazed of approved make and shade set with cement slurry after cutting C.C plaster over and including 1 1/2" thick c.c bed of cement sand including grouting and filling the joints with cement slurry of matching colour, washing and cleaning the tiles.	Sft	600.00		
17	S/F special heavy type steel door as per approved design with 1-1/2"x1-1/2" polished solid square bars frames and shutter 1"x1"x3/4"x3/4" square bars horizontals and vertical i/c cost of erection of steel gate and fixing in cement concrete 1:2:4 etc complete i/c painting 2 coats of primary coat of red oxide as per instruction of engineer.	Sft	180.00		
18	Making & fixing steel grated Moulded design grill with angle iron square bars 2"x2" 3/8" as per drawing by Engineer Incharge.	Sft	1,120.00		

Sr.#	Description	Unit	Qty	Rate	Amount (Rs.)
19	P/L labella Stone flush with plaster in dado/facing or approved shade/colour, over 3/4' thick base plaster in 1:4 cement mortar, filling the joint with cement slurry to make the colour of the stone, curing washing and cleaning etc complete.	Sft	3,200.00		
20	P/L decorative stone nosing (Gola) top border long flush with plaster in dado/facing of approved shade/colour, over 3/4' thick base plaster in 1:4 cement mortar, filling the joint with cement slurry to make the colour of the stone, curing washing and cleaning etc complete.	Rft	800.00		
21	P/L Stone Tile floor size 1'x1'x1" of approved shade and size laid in C.M 1:3 including filling the joints with cement slurry of matching colour, curing washing and cleaning etc complete.	Sft	7,140.00		
22	Providing fiberglass matt 3mm gauge shed imported from T.G.I Taiwan origin & Descon Chemical Ltd made. with white pigments of Zainfarben including CC foundation & M.S Tubular Frame Structure.	Sft	550.00		
23	P/F RCC railing 4"x8"x3' vertical posts 4"th RCC top finish with porcelain tiles & Naserpur Jali as approved design by the engineer.	Rft	400.00		
24	Providing & Fixing artificial white granite i/c gola with polish, marble jelly etc complete as per approved design by Architect & Engineer incharge.	Sft	310.00		
25	Supply & Laying of Pacca Brick tiles 1'x1' size as approved by the Engineer Incharge.	Rft	450.00		
26	P/F warning tape	Rft	450.00		
	<u>Earthing & Light Protection System</u>				
27	Providing, fixing and connecting of PVC/PVC Pure Copper Conductor unarmored Pakistan Cables 440/1000V grade in PVC/RCC conduit with digging work, Bricks work, UPVC Pipes Work, Warning Tape Work, Main Holes work, Road Crossing complete in all respect as per drawings and specifications through Professional Engineers.				
a.	02x 240mm 4Core	meter	370.00		
	01x 70mm 1Core (For all Earth Pits)	meter	120.00		

Sr.#	Description	Unit	Qty	Rate	Amount (Rs.)
28	<u>Earthing Pits</u> Providing, Fixing, Testing and Commissioning of 13 x meters long, 100mm dia of UPVC Pipe with Cover, Copper Rod 01" x 10', Copper Conductor for holding Rod in 120mm with lugs, Copper Strip 1' x 1.5" x 3/8" including heavy insulators, all related chemicals compounds as per drawing and specifications. Main Whole with Cover in all respect. Result of Earth Pit <u>MUST be</u> less than 01 Ohm and 01 Volt.	Nos	6.00		
29	<u>Main Distribution Board (MDB)</u> Supplying, installation, connection testing & commissioning of Main Distribution Board double powder quoted Panel Color, in 16 SWG, should be factory assembled Ready complete controlled Wired/Standard Capacity Copper Bus Bars, ACB (ATS) Breakers , LED Indications, Digital Volt Meters, Digital Ampere Meters with CT's, Neutral & Earth Copper Bus Bars & Complete as per Electric Drawing, should Be Original Schneider/Terasaki JAPAN made MCCB Breakers OR approved / equal ant in all respect.				
a	01x 800Amp ACB Breaker (Complete)	Nos	2.00		
b	01x 600Amp MCCB (Adj)/ Breaker	Nos	1.00		
c	01x 250Amp MCCB (Adj)/ Breaker	Nos	1.00		
d	<u>PFI Panel for K Electric Supply</u> 01x 600KVA PFI Panel as per Electric Drawing	1	No		
	<u>GI Cable Tray</u> GI Cable Tray in 16 SWG perforated with 18 SWG Cover as need on SITE conditions in all respect as per Electric Drawing. Size width 12 inch and depth 06 inch (12 x 06).	Meter	30.00		
31	P/L 3/4" thick Granite stone approved shade/Colour laying with dry bond and filling the joints with neat cement surely to match the Colour of granite stone.	Sft	500.00		
32	S/F in position M.S Staircase i/c foundation, welding, scaffolding, M.S Ancor bolts, S.M steps M.S. Landing M.S Railing. Steps: M.S Angle iron 1-1/2" 3/16 gauge for M.S Chaker Plate 12 SWG. Landing Area: M.S Channel 4" 2swg. Railing: M.S pipe 1-1/2" dia, 16swg, post pipe 1" dia 16swg & horizontal pipe 1/2" dia 16swg. Spiral Centre Pipe: M.S 5" dia 10swg	Rft	240.00		

Sr.#	Description	Unit	Qty	Rate	Amount (Rs.)
33	providing making and fixing aluco bond .05 mm thick F/R.(USA) with aluminum base fram i/c wastage as per design or direction by architect and engineer complete. 1) lift front facing	Sft.	800.00		
TOTAL					

CONTRACTOR