

DETAILED BOQs AND PRICE PROPOSAL FORM

	Description of Items	Quantity	Unit	Rate (Rs)	Amount (Rs)
	Construction of Science Lab				
	Excavation in foundation of buildings and bridges,including layout, dressing, refilling around structures with,excavated earth, watering & ramming lead upto 100 ft.,(30m) & lift upto 5 ft. (1.5m)				
	Excavation	1891.50	Cft		
	Providing and laying plain hand mixed 1 : 4 : 8 cement concrete using sand approved source and crushed aggregate having maximum size upto 1-1/2" (38mm) & down gauge in foundation and plinth including leveling, compacting & curing.				
	Lean	120.75	Cft		
	Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height				
	Steel				
	Foundation and Columns	2.18			
	Plinth Band	0.77			
	Door Band	0.42			
	Roof Beam	1.63			
	Slab	2.17			
	Total	7.173	ton		
	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in sills and Bed Plate including formwork and its removal, compacting and curing				
	Foundation beam and footing	373.50	Cft		
	Providing and laying first class solid burnt brick masonry (Brick Strength:1800psi-2000psi) including scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing with 1:3				
	Foundation bricks	897.47	Cft		
	Providing and laying 1 : 2 : 4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & down gauge in foundation including leveling, compacting and curing.				
	Column	354.25	Cft		
	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm.) and down gauge in plinth band , door band and roof band of required shape or section including formwork and its removal, compacting and curing in basement and ground floor but excluding the cost of reinforcement.				
	Plinth beam	288.00	Cft		
	Providing and laying first class solid burnt brick masonry (Brick Strength:1800psi-2000psi) including scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing with 1:3				
	Brick	1609.92	Cft		

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	Door band	108.67	Cft		
	Filling and compacting soil, earth and boulders behind retaining walls (including excavation of soil and lead upto 50 ft. (15m)				
	Filling	2640.00	Cft		
	Providing and laying plain hand mixed 1 : 4 : 8 cement concrete using sand approved source and crushed aggregate having maximum size upto 1-1/2" (38mm) & down gauge in foundation and plinth including leveling, compacting & curing.				
	Lean	352.00	Cft		
	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm.) and down gauge in plinth band, door band and roof band of required shape or section including formwork and its removal, compacting and curing in basement and ground floor but excluding the cost of reinforcement.				
	Roof beam	435.70	Cft		
	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in slabs including formwork and its removal, compacting and curing Upto 6" (150 mm) thickness i) In basement, plinth and ground floor				
	Slab 6" thick with out plaster	648.00	Cft		
	Cement plaster using Coarse Sand on soffits of ceiling, cantilever slabs, sides and soffits of beams, in basement and ground floor including making edges, corners and curing. 1/2 inch (13mm) thick cement sand plaster 1:4				
	Ceiling Plaster	1056.00	Sft		
	3/4 inch (19mm) thick cement plaster using Coarse Sand on walls and columns in basement, plinth and ground floor including making edges, corners and curing. The mix ratio is 1:4 cement sand.				
	Inside Plaster	1736.00	Sft		
	3/4 inch (19mm) thick cement plaster using Coarse Sand on walls and columns in basement, plinth and ground floor including making edges, corners and curing. The mix ratio is 1:4 cement sand.				
	Outside	2240.00	Sft		
	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in slabs including formwork and its removal, compacting and curing Upto 6" (150 mm) thickness i) In basement, plinth and ground floor				
	Flooring	528.00	Cft		
	Providing and laying super white 12"x12" marble tiles floor fine dressed on surface without winding in ground floor and laid over 1" (25mm) thick cement sand mortar 1:2 setting tiles with portland cement slurry over cement mortar, jointing and washing the tiles with white cement slurry including curing, rubbing and polishing including the cost of cement mortar. 1" (25 mm) thick marble tiles floor				
	Marble flooring,skirting, stair, shelfe	1200.00	Sft		

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	Description of Items	Quantity	Unit	Rate (Rs)	Amount (Rs)
	Providing and laying Conglomerate flooring (two coat work) having 1/2" (9mm) thick wearing surface comprising 1 part of cement & 2 parts of stone chips passing 3/16" sieve, over 1:3:6 concrete base using crushed aggregate laid in panels or approved pattern including formwork, curing, and surface finishing as approved by Engineer Incharge. mortar.				
	Plinth protection	340.00	Cft		
	Providing and fixing moulded steel door frame of approved profile, manufactured from zinc-coated mild steel sheets 16 gauge made by Shahah Industries or equivalent standard conforming to B.S.S.1245, treated with special primer base paint all round, fitted with six fixing lugs, three steel hinges for fixing door shutters standard lock-strike plate, one sliding holt eye, and three rubber buffers, including cutting holes and making good damages to walls and filling the door frame cavity with lean cement mortar 1:4 as directed by the				
	Front door and window frame	57.00	Rft		
	Providing and fixing 3" thick First class approved wood (Keil) shutter fixed with wooden sheet and with approved nickle plated hinges and tower bolts Handle and handle Locks				
	Door 5x8	40.00	Sft		
	Providing and fixing fully glazed single leaf hung/sliding aluminium windows, ventilators (Deluxe model - 2mm) of anodized champagne or approved color of Prime, Chawala, Pakistan Cable or any approved section as approved by Engineer incharge including aluminium fittings, 5 mm local tinted glass, lugs, cutting holes and making good the damages to walls.				
	Windows 5x6	210.00	Sft		
	Providing and fixing windows steel gril of 12mm x 12 mm filled 18 guage with wire mesh on it fixed in wall cement in proper way not exposed to external wall of any approved section as approved by Engineer incharge including fittings, making good two coat of red oxide and two coat of oil paint without the damages to walls.				
	windwos gril with wire mesh	210.00	Sft		
	Applying Matt finish inclding cost of coat premirer and wall patti and with approved brand (Berger, ICI or equivalent)synthetic polyvinyl emulsion finish of approved shade in two or more coats over and including the cost of priming coat including preparation of surface viz. dusting, sand papering or rubbing with pumice stone, filling cracks or holes, if any, removing blisters or other imperfections at any height and any floor. (@ atleast 2.20 Litre per 10 Sq.m) as per approved color and design				
	Matt finish Paint inside	1056.00	Sft		
	Applying weather resistant paint coating such as ICI weather shield,Berger weather coat or equivalent to interior or exterior walls or ceiling including supplying all labour, materials, scaffoldings and removal of debris etc. @ atleast 3.50 litre per 10 as per approved color and design				
	Weather coat out side	2240.00	Sft		
	Painting in ground floor or basement with Robbialac or equivalent super gloss synthetic enamel paint in two or more coats as per manufacturer's insruction on wood work over and including the cost of priming coat, surface preparation, rubbing down smooth, knotted, filling cracks, holes and joints.				

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	Description of Items	Quantity	Unit	Rate (Rs)	Amount (Rs)
	Door paint	40.00	Sft		
	Plumbing works				
	Excavation in foundation of buildings and bridges,including layout, dressing, refilling around structures with,excavated earth, watering & ramming lead upto 100 ft.,(30m) & lift upto 5 ft. (1.5m)	300	Cft		
	Providing and Installing uPVC pipe IIL, Dadex or equivalent make registered with PSQCA in tubewell bore hole and/or laying, cutting, jointing and testing uPVC pipe lines in trenches. Class B 3" (75 mm) inner dia.	300.00	P.Rft		
	Providing and Installing uPVC pipe IIL, Dadex or equivalent make registered with PSQCA in tubewell bore hole and/or laying, cutting, jointing and testing uPVC pipe lines in trenches. Class B 4" (100 mm) inner dia.	300.00	P.Rft		
	Providing and fixing brass bib cock/ stop cock of approved make	2.00	Each		
	Providing and fixing export quality glazed earthen ware wash basin manufactured by ICL Boch/Karam Cera or equivalent approved make with single hole chromium plated mixer tap 1/2" (15mm), pillar tap delux, stop cocks, C.I. or W.I. brackets 6" (150mm) built into walls 1.5" (40mm) C.P. brass waste with malleable iron or C.P. brass trap with malleable iron or brass union and making requisite number of holes in walls, plinth and floor for pipe connections and making good with approved material Extra over above for providing and fixing white glazed earthen ware pedestal manufactured by ICL/Karam Cera or approved equivalent make.	2.00	Each		
	Providing and fixing LDPE overhead tank 600 Gallon white color manufactured by Marjan or equivalent on top of any floor (bricks works arround tank for wind protection is included in civil works)	1.00	Nos		
	Providing and fixing at Site Electric Motor 1.5 HP of KSB, Grandfos, Siemens or approved equivalent (similar specifications), complete in all respects including all taxes.	1.00	Each		
	Electric works				
	Provid and Install 7 Nos of 25w Led Lights, 3 Nos of 56" DC Fan with attached to a two Solar Plate of 300w (with proper frame installed on roof) with proper wiring in slab ceiling connection with lights and fans and 8 gange switches with automatic solar control regularator for fan, installation (wiring 3/29,7/29 Pak cable or equilent) complete in all respect.	1.00	Job		
GRAND TOTAL IN PKR					