

## BOQ

Sub: Preparation of labs of Dr K. P. Singh in CAF

Sr. No.	Description of Items	Qty	Unit	Rate	Amount
2.8	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
2.8.1	All kinds of soil.	17	cum		
4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
4.1.8	1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size).	1.5	cum		
5.1	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :				
5.1.2	1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	5.5	cum		
6.1	Brick work with F.P.S. bricks of class designation 75 in foundation and plinth in:				
6.1.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	4.5	cum		
9.76	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles with necessary screws etc. complete (best make of approved quality).	2	nos		
9.83	Providing and fixing IS : 3564 marked Aluminium die cast body tubular type universal hydraulic door closer with necessary accessories and screws etc. Complete.	2	nos		
9.96	Providing and fixing aluminium sliding door bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. Complete :				
9.96.1	300x16 mm	2	nos		
9.97	Providing and fixing aluminium tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. Complete :				
9.97.1	300x10 mm	2	nos		
9.100	Providing and fixing aluminium handles ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. Complete :				
9.100.1	125 mm	4	nos		
11.41	Providing and laying polished vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption's less than 0.08% and conforming to IS : 15622 of approved make in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc., complete.				
11.41.2	Size of Tile 60x60 cm	14	sqm		
13.1	12 mm cement plaster of mix :				
13.1.2	1:6 (1 cement : 6 fine sand)	20	sqm		
NS	P/f of 5mm PVDF ACP sheet single side lamination in partitions with neoprene all complete as per direction of Engineer-in-charge.	4	sqm		
21.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :				
21.1.1	For fixed portion				
21.1.1.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	140.00	kg		
21.1.2	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of PVC / neoprene gasket required (Fittings shall be paid for separately).				
21.1.2.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	45	kg		
21.3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item) :				
21.3.2	With float glass panes of 5.50 mm thickness	8	sqm		
NS	Providing and fixing 5mm thick NEOPRENE rubber sheet in the foundation as per the direction of Engineer-in-Charge	31.00	sqm		
NS	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete with SS 316.	400.00	Kg		
NS	Supply, fixing and Installation of external walls, doors made up 50mm thick Sandwich PUF panels with 0.5mm thick pre-painted colour coated galvanised steel sheets on both sides with 50mm thick layer polyurethane foam (density 40 +2 kg/m3) insulation manufactured on continuous line. The wall panel will be joined with tongue and groove joint with all accessories like U-flashing, L-flashing made up of PPGI Sheet of thickness 0.5mm. The top finished surface of will have guard film/protection sheet for protection against scratches during handling and transportation complete in all respects to entire satisfaction of Engineer in charge	17	sqm		
	Total				

Contractor