

**Malaviya National Institute of Technology Jaipur**

Name of work:- Conversion of TR-18 into PHE LAB in Civil Engineering department at MNIT Campus Jaipur.

G-Schedule

NAME OF THE FIRM					
S.No	Qty	Items	Unit	Rate	Amount
1		Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge..			
1.1	3.00	In cement mortar	Cum	842.75	2528.00
2		Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.			
2.1	1.00	Nominal concrete 1:3:6 or richer mix (1/c equivalent design mix)	Cum	997.05	997.00
3	20.00	Repair to plaster of thickness 12mm to 20 mm in patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-in- Charge.	Sqm	368.90	7378.00
4	92.00	Hacking of CC flooring including cleaning for surface etc. complete as per direction of the Engineer-in-Charge.	Sqm.	1.50	138.00
5		Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption 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) jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete.			
5.1	92.00	Size of Tile 800x800 mm	Sqm	1414.95	130175.00
6		Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer) with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make in all colours & shade in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1cement: 3 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joint with white cement & matching pigments etc. complete.			
6.1	4.00	Size of Tile 800x800 mm	Sqm	1432.80	5731.00
7	20.00	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete	Sqm	744.80	14896.00
8		Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.			
8.1	16.00	Cement mortar 1:4 (1 cement :4 coarse sand)	Sqm	684.20	10947.00
9		12 mm cement plaster of mix :			
9.1	16.00	1:6 (1 cement: 6 fine sand)	Sqm	160.35	2566.00
10		15 mm cement plaster on the rough side of single or half brick wall of mix :			
10.1	18.00	1:6 (1 cement: 6 fine sand)	Sqm	185.20	3334.00
11		Providing and fixing 18mm thick gang saw cut mirror polished pre-moulded and pre-polished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.			
11.1		Granite of any colour and shade			
11.1.1	15.10	Area of slab over 0.50 sqm.	Sqm	3113.30	47011.00
12		Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:			
12.1	1.00	Stainless Steel AISI-304(18/8) Wash basin 530x345 mm with single 15 mm C.P. brass pillar tap.	No.	2920.75	2921.00
13		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) :			
13.1		For fixed portion			
13.1.1	214.00	Powder coated aluminium (minimum thickness of powder coating 50 micron)	Kg	384.50	82283.00
13.2		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 EPDM rubber / neoprene gasket required (Fittings shall be paid for separately).			
13.2.1	173.00	Powder coated aluminium (minimum thickness of powder coating 50 micron)	Kg	444.90	76968.00
14		Providing and fixing 12mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS:12823 Grade I Type II, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge.			
14.1	9.00	Pre-laminated particle board with decorative lamination on both sides.	Sqm	866.60	7799.00
15		Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / 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):			
15.1	20.00	With float glass panes of 5.50 mm thickness	Sqm	1003.95	20079.00

1077		Providing and fixing machine moulded aluminium covering of approved pattern & design, made out of machine cut aluminium sheet and machine holed for receiving dash fastener, over expansion joints on vertical surfaces/ceiling floors, the fixing on plate in one row on one side of joint only shall be done with stainless steel dash fasteners of 8mm dia and 75 mm long bolt including providing aluminium washers 2 mm thick & 15 mm dia, at a staggered pitch of 200mm centre to centre including drilling holes in the receiving surface and providing expandable plastic sleeves in holes etc. complete as per direction of Engineer-in-charge.			
b)	20.00	Powder coated aluminium sheet 2.5mm thick (minimum thickness of powder coating 50 micron)	Kg	485.15	9703.00
16		Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg., for doors, including cost of cutting floors ,embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge.			
16.1	2.00	With stainless steel cover plate minimum 1.25 mm thickness.	No.	2054.40	4109.00
17		Filling the gap in between aluminium frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete.			
17.1	30.00	Upto 5mm depth and 5 mm width	m	62.45	1874.00
18		Providing and fixing aluminium tubular handle bar 32 mm outer dia, 3.0 mm thick & 2100 mm long with SS screws etc. complete as per direction of Engineer-in-charge.			
18.1	4.00	Powder coated minimum thickness 50 micron aluminium tubular handle bar.	No.	509.30	2037.00
19	2.00	Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	No.	359.00	718.00
20		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 :			
20.1	2.00	250x10 mm	No.	88.10	176.00
21		Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade :			
21.1	200.00	Old work (one or more coats) .	Sqm	33.35	6670.00
22	200.00	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand paping and preparing the surface smooth including necessary repairs to scratches etc. complete.	Sqm	10.80	2160.00
23		Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :			
23.1	18.00	One or more coats on old work.	Sqm	51.30	923.00
24	54.00	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sqm	87.35	4717.00
			Total		448838.00
		DEDUCT COST INDEX	8.82%		39587.51
		Grand total			409250.49
					Rs.

Sr.No.	Estimated cost of work (in Rupees)	Percentage "Above" or "Below" or "At par" the Estimated cost of work/schedule		
		Rate Quoted by Contractor As	% in Figures	Price
		"Above" or "Below" or "At Par"	In Words	Total Cost (in Rupees)
1	3	4	5	6
1	4,09,250.00			7
TOTAL	4,09,250.00		TOTAL QUOTED PRICE=	0.00
Grand Total (in words)		#NAME?		

H-Schedule

S.No	Qty	Items	Unit	Rate	Amount
1		Supplying and fixing in walls machine cut and polished stone shelves, tands and in CM 1:3 with machine cut edges :			
1.1	1	Sand or other approved stone 50mm thick.	Sqm.		0.00
1.2	15	Sand or other approved stone 25mm thick.	Sqm.		0.00
1.3	17	Kota stone minimum 30mm thick	Sqm.		0.00
2		P&F rigid PVC Pipe (IS:4985 mark) class II/ (4 Kg. /Cm ²) approved quality /make including joining the pipe with solvent cement rubber ring and lubricant.			0.00
2.1	15	110 mm dia	Mtr		0.00
3		P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant:			0.00
3.1		Plain floor trap			0.00
3.1.1	1	110mm dia	Each		0.00
			TOTAL		0.00

Total Amount of G Shedule + H Shedule

0.00

**EXECUTIVE ENGINEER
ESTATE SECTION
MNIT JAIPUR**

SIGNATURE OF THE CONTRACTOR WITH FULL POSTAL ADDRESS