>		Malaviya National Institute of Tec SCHEDULE OF QUANTITY FINA		ur			
	SCHEDULE OF QUARTER FINANCIAL BID Name of work : - Renovation of LT-25 and LT-26 for Conversion in Chemical engineering UG labs in MNIT Campus Jaipur						
			iour originooring of				
	1	NAME OF THE FIRM			1		
S.No	Qty	Items	Unit	Rate	Amount		
1		EARTH WORK Earth work in excavation by mechanical means (Hydraulic					
1.1		excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of					
1.1		excavated earth lead upto 50 m and lift upto 1.5 m, as directed by					
1.1.1	4.8	Engineer-in-charge. All kinds of soil	cum	125.95	604.56		
		Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in					
1.2		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.					
1.2.1	50.99	All kinds of soil.	cum	166.40	8484.74		
		Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth,					
1.3	14.82	consolidating each deposited layer by ramming and watering, lead up to	cum	125.75	1863.62		
2		50 m and lift upto 1.5 m. CONCRETE WORK					
2.1		Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth					
		level :					
2.1.1	50	1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size).	cum	5481.95	274097.50		
2.1.2	1.41	1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	cum	4478.15	6314.19		
2.2		Centering and shuttering including strutting, propping etc. and removal of form work for :					
2.2.1	3.13	Foundations, footings, bases for columns Providing and laying damp-proof course 40mm thick with cement	sqm	193.95	607.06		
2.3	0.23	concrete 1:2:4 (1 cement : 2 coarse sand (zone-III): 4 graded stone	sqm	263.10	60.51		
3		aggregate 12.5mm nominal size) BRICK WORK					
3.1		Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:					
3.1.1	2.88	Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	4970.30	14314.46		
3.2		Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V					
3.2.1	17.39	level in all shapes and sizes in : Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	5801.50	100888.09		
	11.57	Half brick masonry with common burnt clay F.P.S. (non modular) bricks	cum	5001.50	100000.05		
3.3		of class designation 7.5 in superstructure above plinth level up to floor V level.					
3.3.1 4	230	Cement mortar 1:3 (1 cement :3 coarse sand) MARBLE AND GRANITE WORK	sqm	708.70	163001.00		
		Marble work gang saw cut (polished and machine cut) of thickness 18					
		mm for wall lining (veneer work), backing filled with a grout of average 12 mm thick in cement mortar 1:3 (1 cement : 3 coarse sand), including					
4.1		pointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with an admixture of pigment to match the marble shade (To be secured					
		to the backing by means of cramps, which shall be paid for separately).					
4.1.1		Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black					
4.1.1.1	27.65	marble. Area of slab over 0.50 sqm	sqm	3035.50	83931.58		
5		WOOD AND P.V.C. WORK Providing and fixing ISI marked flush door shutters conforming to IS :					
		2202 (Part I) decorative type, core of block board construction with					
5.1		frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of					
		shutters. 30 mm thick including ISI marked Stainless Steel butt hinges with					
5.1.1	32.3	necessary screws	sqm	2372.80	76641.44		
5.2	34.73	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door	sqm	365.85	12705.97		
		shutter to be measured). Providing and fixing aluminium tower bolts, ISI marked, anodised					
5.3		(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					
				00.17			
5.3.1 6	8	250x10 mm STEEL WORK	each	88.10	704.80		
		Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm					
6.1	20.12	size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia	sqm	5360.65	107856.28		
		steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer.					
		Providing and fixing T-iron frames for doors, windows and ventilators					
6.2		of mild steel Tee-sections, joints mitred and welded, including fixing of					
		necessary butt hinges and screws and applying a priming coat of approved steel primer.					
6.2.1	397	Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded	kg	74.05	29397.85		
		stone aggregate 20 mm nominal size) Steel work welded in built up sections/ framed work, including cutting,	0				
6.3		hoisting, fixing in position and applying a priming coat of approved steel					
621	378	primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and	ka	95.05	23490.10		
6.3.1 7	3/8	similar works FLOORING	kg	85.95	32489.10		
100 C	1	Chequerred precast cement concrete tiles 22 mm thick in footpath &					
	1	courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20					
7.1		mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand).					
7.1							
7.1	16	Light shade pigment using white cement	sqm	906.75	14508.00		
7.1.1	16	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade	sqm	906.75	14508.00		
	16	Kota stone slab flooring over 20 mm (average) thick base laid over and	sqm	906.75	14508.00		

7.3	1.28	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mottar 13 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	sqm	1238.20	1584.90
7.4	30	Providing and fixing Ist 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 : 3 coarse sand) and jointing with grey cement slury (# 3.5kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	sqm	744.80	22344.00
7.5	25	compare. Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS: 15622 of approved make in colours such as White, Ivory, Grey, Furne Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry \oplus 3.3kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	sqm	688.35	17208.75
7.6		Providing and laying virified floor iles in different sizes (thickness to be specified by the manufacturery 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 sharry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete.			
7.6.1	390.60	Size of Tile 600x600 mm	Sqm	1119.40	437238.00
7.7		Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to 15. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 13.0 (cement: 3 coarse sand), jointing with grey cement shary @ 3.3kg/sqm including grouting the joint with white cement & matching pigments			
7.7.1	11.24	etc. complete. Size of Tile 800x800 mm	sqm	1432.80	16104.67
8 8.1		FINISHING 12 mm cement plaster of mix :			
8.1.1 8.2	374.34	1:6 (1 cement; 6 fine sand) 15 mm cement plaster on the rough side of single or half brick wall of mix :	sqm	160.35	60025.42
8.2.1 8.3	405.61	1:6 (1 cement: 6 fine sand) Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :	sqm	185.20	75118.97
8.3.1	610	New work (two or more coats) over and including water thinnable priming coat with eement primer Painting with synthetic enamel paint of approved brand and	sqm	93.70	57157.00
8.4	147.10	manufacture to give an even shade :		20.10	11520 50
8.4.1	147.19 610	Two or more coats on new work 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 sqm	78.40 87.35	11539.70 53283.50
9		REPAIRS TO BUILDINGS			
9.1		Renewing glass panes, with putty and nails wherever necessary including racking out the old putty:			
9.1.1	50	Float glass panes of thickness 4 mm	sqm	637.90	31895.00
9.2 9.3	20	Renewal of old putty of glass panes (length) Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :	metre	25.45	509.00
9.3.1	1240.08	Old work (one or more coats) Removing dry or oil bound distemper, water proofing cement paint and	sqm	33.35	41356.67
9.4	1240.08	the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete. Painting with synthetic enamel paint of approved brand and	sqm	10.80	13392.86
9.5	010	manufacture of required colour to give an even shade :		\$1.20	4247.64
9.5.1	82.8	One or more coats on old work Repair to plaster of thickness 12mm to 20 mm in patches of area 2.5	sqm	51.30	4247.64
9.6	46.8	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	17264.52
9.7		Providing & fixing White vitreous china water closet squatting pan (Indian type) along with "5° or "P" trap including dismantling of old WC seat and "S" or "P" trap at site complete with all operations including all necessary materials, labour and disposal of dismantled material i/c malba, all complete as per the direction of Engineer-in			
9.7.1	2	charge. Orissa pattern W.C Pan of size 580x440 mm	each	2127.85	4255.70
9.8	1	Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in-Charge.	each	55.45	55.45
9.9	4	Taking out existing wooden door shutter, repair by cutting, painting etc. and refixing of repaired door shutters to existing door frames, including replacement of hinges with screws, etc. as required, all complete as per	each	176.40	705.60
10		the direction of the Engineer-in-charge. DISMANTLING & DEMOLISHING	<u> </u>		
10.1		Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.			
10.1.1	150	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix) Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material	cum	997.05	149557.50
10.2.1	3.83	within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	cum	842.75	3227.73
10.3		Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead :			
10.3.1	10	Of area beyond 3 sq. metres	each	81.00	810.00
10.4		Dismantling precast concrete or stone slabs in walls, partition walls etc. including stacking within 50 metres lead :			
10.4.1	26.28	Thickness up to 40 mm	sqm	119.95	3152.29
10.5	2	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	each	391.20	782.40
	13.49	 Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground 	sqm	22.40	302.18
10.6	15.47	within 50 metres lead. Disposal of building rubbish / malba / similar unserviceable, dismantled			

11		SANITARY INSTALLATIONS			
		Providing and fixing white vitreous china pedestal type water closet			
		(European type) with seat and lid, 10 litre low level white vitreous china			
		flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm			
11.1		flush bend, overflow arrangement with specials of standard make and			
		mosquito proof coupling of approved municipal design complete,			
		including painting of fittings and brackets, cutting and making good the			
		walls and floors wherever required :			
11.1.1	1	W.C. pan with ISI marked white solid plastic seat and lid	each	4593.75	4593.75
		Providing and fixing white vitreous china laboratory sink with C.I.			
		brackets, C.P. brass chain with rubber plug, 40 mm C.P brass waste and			
11.2		40mm C.P. brass trap with necessary C.P. brass unions complete,			
		including painting of fittings and brackets, cutting and making good the			
		wall wherever required :			
11.2.1	12	Size 600x450x200 mm	each	3211.45	38537.40
		Providing and fixing P.V.C. low level flushing cistern with manually			
11.3		controlled device (handle lever) conforming to IS : 7231, with all fittings			
		and fixtures complete.			
11.3.1	1	10 litre capacity - White	each	831.50	831.50
11.4		Providing and fixing P.V.C. waste pipe for sink or wash basin including			
11.4.1		P.V.C. waste fittings complete.			
	13	Semi rigid pipe		21.42	1058.20
11.4.1.1	13	40 mm dia	each	81.40	1058.20
		Providing and fixing 600x450 mm beveled edge mirror of superior glass			
11.5	5	(of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	each	817.95	4089.75
		to wooden cleats with C.P. brass screws and washers complete.			
12		WATER SUPPLY			
		Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes,			1
		having thermal stability for hot & cold water supply, including all CPVC			
		plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m			
		spacing. This includes jointing of pipes & fittings with one step CPVC			
12.1		solvent cement and the cost of cutting chases and making good the same			
		including testing of joints complete as per direction of Engineer in			
		Charge. Concealed work, including cutting chases and making good the			
		walls etc.			
12.1.1	88.2	15 mm nominal outer dia Pipes	metre	246.20	21714.84
12.2		Providing and fixing uplasticised PVC connection pipe with brass			
12.2		unions :			
12.2.1		45 cm length			
12.2.1.1	20	15 mm nominal bore	each	67.80	1356.00

		Providing and fixing C.P. brass long body bib cock of approved quality			
12.3		conforming to IS standards and weighing not less than 690 gms.			
12.3.1	5	15 mm nominal bore Providing and fixing C.P. brass angle valve for basin mixer and geyser	each	492.55	2462.75
12.4	11	points of approved quality conforming to IS:8931 15mm nominal bore	each	475.70	5232.70
12.4.1	11	ALUMINIUM WORK	each	475.70	3232.10
13.1		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 somoth, rust free, straight, mitted 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):			
13.1.1	270	For fixed portion Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	kg	355.20	95904.00
13.1.2		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 EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)			
13.1.2.1	310	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	kg	415.05	128665.50
13.2		Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade 17ype II, in parelling fixed in aluminum 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.			
13.2.1	9.69	Pre-laminated particle board with decorative lamination on both sides	sqm	866.60	8397.35
13.3		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):			
13.3.1	21	With float glass panes of 5.50 mm thickness Providing and fixing double action hydraulic floor spring of approved	sqm	1003.95	21082.95
13.4		Provining and ixing aboute action nyaritatic itor spring of approves brand and mandacture conforming to 1S: (s3)5, 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.			
13.4.1	8	With stainless steel cover plate minimum 1.25 mm thickness Providing and fixing machine moulded aluminium covering of approved	each	2054.40	16435.20
13.5		pattern & design, made out of machine cut aluminium sheet and machine holed for neceiving dash fastener, over expansion joints on verical 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 8 mm 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 skeeves in holes etc. complete as per direction of Engineer-in-charge.			
13.5.1	23	Anodised aluminium sheet 2.5mm thick (anodised trans- parent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	kg	455.85	10484.55
		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.			
13.6		in-charge complete.			
13.6.1	50	Upto 5mm depth and 5 mm width Providing and fixing aluminium tubular handle bar 32 mm outer dia, 3.0	metre	62.45	3122.50
13.6.1		Upto 5mm depth and 5 mm width 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.	metre		
13.6.1 13.7 13.7.1	16	Upto 5mm depth and 5 mm width Providing and fixing aluminium tubular handle bar 32 mm outer dia, 3.0 mm thick & 2.100 mm long with SS screws etc .complete as per direction of Engineer-in-Charge. Anodized (AC 15) aluminium tubular handle bar Providing and fixing 100mm brass locks (best make of approved	each	463.75	7420.00
13.6.1		Upto Sum depth and 5 mm width Providing and fixing aluminianu ublueh 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. Anodized (AC 15 aluminianu tubular handle bar Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making	each		
13.6.1 13.7 13.7.1	16	Upto 5mm depth and 5 mm width Providing and fixing aluminium tubular handle bar 32 mm outer dia, 3.0 mm thick & 2.100 mm long with SS screws etc .complete as per direction of Engineer-in-Charge. Anodized (AC 15) aluminium tubular handle bar Providing and fixing 100mm brass locks (best make of approved	each	463.75	7420.00
13.6.1 13.7 13.7.1 13.8	16 4	Upto Simm depth and 5 mm width 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. Anodized (AC 15) aluminium tubular handle bar Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cuting and making good etc. complete. Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C-P. brass' stainless steel screws @ 200 mm centre to centre, including cutting the grill to proter opening size of fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge. (Only weight of grill to be measured for payment).	each each kg Total	463.75 359.00	7420.00 1436.00 13492.05 2388480.19
13.6.1 13.7 13.7.1 13.8	16 4	Upto Simm depth and 5 mm width Providing and fixing ahrminium ubular 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. Anodized (AC 15) aluminium tubular handle bar Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete. Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with <i>CP</i> . brass standards section and fixed to the existing window frame with <i>CP</i> . Brass standards section and fixed to the existing window frame with <i>CP</i> . brass standards section and fixed to the existing window frame with <i>CP</i> . Brass standards section and fixed to the existing window frame with <i>CP</i> . Brass standards exclosed and direction of Engineer-in-charge. (Only weight of grill to be measured for payment). ADD COST INDEX Grand total	each each kg	463.75 359.00	7420.00 1436.00 13492.05 2388480.19 444973.86 283454.05
13.6.1 13.7 13.7.1 13.8	16 4	Upto Simm depth and 5 mm width Providing and fixing ahuminium 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. Anodized (AC 15) aluminium tubular handle bar Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete. Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with miniuma anolic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P. brass/ standard section and fixed to the existing window frame with C.P. brass/ standard section and fixed to the existing window frame with C.P. trass/ standard section and fixed to the existing window frame with C.P. (or gril to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge. (Only weight of grill to be measured for payment). ADD COST INDEX Grand total SAY	each each kg Total 18.63%	463.75 359.00 408.85	7420.00 1436.00 13492.05 2388480.19 444973.86
13.6.1 13.7 13.7.1 13.8 13.9	16 4 33 Estimated cost of	Upto Simm depth and 5 mm width Providing and fixing ahuminium 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. Anodized (AC 15) aluminium tubular handle bar Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete. Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with miniuma anolic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P. brass/ standard section and fixed to the existing window frame with C.P. brass/ standard section and fixed to the existing window frame with C.P. trass/ standard section and fixed to the existing window frame with C.P. (or gril to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge. (Only weight of grill to be measured for payment). ADD COST INDEX Grand total SAY	each each kg Total 18.63%	463.75 359.00	7420.00 1436.00 13492.05 2388480.19 444973.86 2833454.05 2833454.05
13.6.1 13.7 13.7.1 13.8	16 4 33	Upto Simm depth and 5 mm width Providing and fixing aluminium tubular handle bar 32 mm outer din, 3.0 mm thick & 2100 mm long with SS screws etc .complete as per direction of Engineer-in-Charge. Anodized (AC 15) aluminium tubular handle bar Providing and fixing alominium tubular handle bar Providing and fixing alominium tubular handle scales with the second of approved quality) for aluminium doors including necessary cutting and making good etc. complete. Providing and fixing anolised aluminium gril (anodised transparent or dyed to required shade according to IS: 1868 with minimum anoli coating of grande AC 15 0 aloproved design/natem. with approved standard section and fixed to the existing window frame with C.P. Frassy, stanless setel screws @ 20 0mm center to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per equivament and direction of Engineer-in-charge. (Only weight of grill to be measured for payment). ADD COST INDEX Grand total SAY Percentage "Above" or "Below" or "At Par"	each each kg Total 18.63% "or "At par" of % in Figures	463.75 359.00 408.85 the Estimated cost of work/schedule Price In Words	7420.00 1436.00 13492.05 2388480.19 444973.86 2833454.05 2833454.05
13.6.1 13.7 13.7 13.8 13.8 13.9 13.9 Sr.No. 1 1	16 4 33 Estimated cost of	Upto Sum depth and 5 mm width Providing and fixing aluminium urbular 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. Anodized (AC 15 <i>J</i> aluminium tubular handle bar Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete. Providing and fixing anolised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anostic coating of grade AC 15 <i>J</i> of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P. brass, tainless settel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved and adminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge. (Only weight of grill to be measured for payment). ADD COST INDEX Grand total SAY Rete Quoted by Contractor As	each each kg Total 18.63%	463.75 359.00 408.85 the Estimated cost of work/schedule Price	7420.00 1436.00 13492.05 2388480.19 444973.86 2833454.05 2833454.00 Rs.
13.6.1 13.7 13.7 13.8 13.9 13.9 Sr.No. 1 1 TOTAL COST OF	16 4 33 Estimated cost of work (in Rupees) 3	Upto Simm depth and 5 mm width Providing and fixing aluminium tubular handle bar 32 mm outer din, 3.0 mm thick & 2100 mm long with SS screws etc .complete as per direction of Engineer-in-Charge. Anodized (AC 15) aluminium tubular handle bar Providing and fixing alominium tubular handle bar Providing and fixing alominium tubular handle scales with the second of approved quality) for aluminium doors including necessary cutting and making good etc. complete. Providing and fixing anolised aluminium gril (anodised transparent or dyed to required shade according to IS: 1868 with minimum anoli coating of grande AC 15 0 aloproved design/natem. with approved standard section and fixed to the existing window frame with C.P. Frassy, stanless setel screws @ 20 0mm center to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per equivament and direction of Engineer-in-charge. (Only weight of grill to be measured for payment). ADD COST INDEX Grand total SAY Percentage "Above" or "Below" or "At Par"	each each kg Total 18.63% "or "At par" of % in Figures	463.75 359.00 408.85 he Estimated cost of work/schedule Price In Words 6	7420.00 1436.00 13492.05 2388480.19 444973.86 2833454.05 2833454.00 Rs.
13.6.1 13.7 13.7.1 13.8 13.9 13.9 Sr.No. 1 1 TOTAL COST OF SCHEDULES:-	16 4 33 Estimated cost of work (in Rupees) 3 28,33,454.00	Upto Simm depth and 5 mm width Providing and fixing aluminium tubular handle bar 32 mm outer din, 3.0 mm thick & 2100 mm long with SS screws etc .complete as per direction of Engineer-in-Charge. Anodized (AC 15) aluminium tubular handle bar Providing and fixing alominium tubular handle bar Providing and fixing alominium tubular handle scales with the second of approved quality) for aluminium doors including necessary cutting and making good etc. complete. Providing and fixing anolised aluminium gril (anodised transparent or dyed to required shade according to IS: 1868 with minimum anoli coating of grande AC 15 0 aloproved design/natem. with approved standard section and fixed to the existing window frame with C.P. Frassy, stanless setel screws @ 20 0mm center to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per equivament and direction of Engineer-in-charge. (Only weight of grill to be measured for payment). ADD COST INDEX Grand total SAY Percentage "Above" or "Below" or "At Par"	each each kg Total 18.63% "or "At par" of % in Figures	463.75 359.00 408.85 he Estimated cost of wort/schedule Price In Words 6 #NAME?	7420.00 1436.00 13492.05 2388480.19 444973.86 2833454.05 2833454.00 Rs. Total Cost (in Rupees) 7
13.6.1 13.7 13.7.1 13.8 13.9 13.9 Sr.No. 1 1 TOTAL COST OF SCHEDULES:-	16 4 33 Estimated cost of work (in Rupees) 3 28,33,454.00 28,33,454.00	Upto Sum depth and 5 mm width Providing and fixing aluminium tubular handle bar 32 mm outer din, 3.0 mm thick & 2100 mm long with SS screws etc .complete as per direction of Engineer-in-Charge. Anodized (AC 15) aluminium tubular handle bar Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete. Providing and fixing anodised aluminium gril (anodised transparent or dyed to required shade according to IS: 1868 with minimum anoli coating of grande AC 15 0 alor proved design/natem. with approved sandard section and fixed to the existing window frame with C.P. Frassy. tainless seles screws @ 20 0mm centre to centre; including cutting al proved anodised aluminium standard section around the opening, all complete as per equirement and direction of Engineer-in-charge. (Only weight of grill to be measured for payment). ADD COST INDEX Grand total SAY Percentage "Above" or "Below" or "At Part" 4	each each kg Total 18.63% "or "At par" of % in Figures 5	463.75 359.00 408.85 he Estimated cost of wort/schedule Price In Words 6 #NAME?	7420.00 1436.00 13492.05 2388480.19 444973.86 2833454.05 2833454.00 Rs. Total Cost (in Rupees) 7
13.6.1 13.7 13.7.1 13.8 13.9 13.9 5r.No. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	16 4 33 Estimated cost of work (in Rupees) 3 28,33,454.00 28,33,454.00	Upto Simm depth and 5 mm width Providing and fixing aluminium tubular handle bar 32 mm outer din, 3.0 mm thick & 2100 mm long with SS screws etc .complete as per direction of Engineer-in-Charge. Anodized (AC 15) aluminium tubular handle bar Providing and fixing alominium tubular handle bar Providing and fixing alominium tubular handle scales with the second of approved quality) for aluminium doors including necessary cutting and making good etc. complete. Providing and fixing anolised aluminium gril (anodised transparent or dyed to required shade according to IS: 1868 with minimum anoli coating of grande AC 15 0 aloproved design/natem. with approved standard section and fixed to the existing window frame with C.P. Frassy, stanless setel screws @ 20 0mm center to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per equivament and direction of Engineer-in-charge. (Only weight of grill to be measured for payment). ADD COST INDEX Grand total SAY Percentage "Above" or "Below" or "At Par"	each each kg Total 18.63% "or "At par" of % in Figures 5	463.75 359.00 408.85 he Estimated cost of wort/schedule Price In Words 6 #NAME?	7420.00 1436.00 13492.05 2388480.19 444973.86 2833454.05 2833454.00 Rs. Total Cost (in Rupees) 7

		SUM OF G SHEDULE + H SHEDULE #NAME?		0.00	
,	,		Lacii	TOTAL	0.0
9	5	P & F C.P. brass Urinal Spreader for stall urinal of approved make.	Each		0.0
8	2	P & F Jet spray for water closet with C.P. Copper Tube flange of approved make.	Each		0.0
7.1	5	C.P. brass heavy and superior quality.	Each		0.0
7		P & F Soap Dish or Tray of approved quality/make			
6.1	15	Stainless Steel Sheet size 125mm dia.	Each		0.0
6		P & F Grating of approved quality/make:			
5.3	23	Kota stone minimum 30mm tnick.	Sqm.		0.0
5.2 5.3	23	Kota stone minimum 30mm thick.	Sqm. Sqm.		0.0
5.1	1	Sand or other approved stone 25mm thick. Sand or other approved stone 50mm thick.			0.0
5	23	Supplying and fixing in walls machine cut and polished stone shelves, tands and in CM 1:3 with machine cut edges : Sand or other approved stone 25mm thick.	Sam.		0.0
4.1	25	110 mm dia	Mtr		0.0
4		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.			
3.3	2	Two way Bib Cock 15 mm nominal size	Each		0.0
3.2	20	Swan neck pillar cock 15 mm nominal size	Each		0.0
3.1	6	Pillar Cock 15 mm nominal size	Each		0.0
3		Providing and fixing Superior quality CP Brass fittings of approved make as per direction of Engineer-in-charge			
2	20	Dismantling stone slab/ terrazo chip flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 meters lead.	Sqm		0.0
1	11	S&f fixed wire gauge of stainless steel of 14 mesh x 24 gauge to the aluminium wirdow by Aluminium beading 20x3mm with suitable screws at not exceeding 150mm distance at all heights with all lead and lift with scafolding.	Sqm		0.0