		1				
BOO		MDOSITE LAD WORK				
		OMPOSITE LAB WORK				
AT DA	AV PUB	LIC SCHOOL, ETWA NAGAR, BEGUSA	ARAI			
SL.NO		DESCRIPTION	UNIT	QTY.	RATE	AMOUNT
1	15.7	Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50 meters lead:				
	15.7.4	In cement mortar	Cum	5.30		
2	15.60	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	Cum	5.30		
3	Derived	Chipping of whole floor area except toilets for preparing	Cum	3.30		
	from	the floor surfaces rough, clean and usable for new floor				
	15.23.1	tiles pasting.	Sqm	190.00		
4	6.18A	Half brick masonry with bricks of class designation 100A in		-, 0.00		
		foundations and plinth in:				
	6.18A.4+	Cement mortar 1:4 (1 cement: 4 coarse send)				
	6.19A		Sqm	58.08		
5	5.3	Reinforced cement conrete work in beams, suspended floors, roofs having slope upto 15, landings, balconiec, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto floor five level excluding the cost of centring, shuttering, finishing and reinforement with 1:2:4(1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size).		2.12		
6	5.9	Centering and shuttering including strutting, propping etc. and removal of form for:				
	5.9.4	Shelves (Cast in situ)	sqm	22.26		
7	5.22	Reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete.				
		Thermo-Mechanically Treated bars TMTC-500-10mm dia				
	5.22.7B		Kg	371.00		

8	11.41A	Providing and laying Vitrified tiles in floor in different sizes {thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only.Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.			
	11.41A.1	Double charge vitrified tile polished finish of size			
9	11.41A.1.1 11.36	Size of Tile 600 x 600 mm  Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (Thickness to be specified by the manufacture) 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 Motar 1:3(1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm including pointing in white cement		82.00	
		mixed with pigment of matching shade complete.			
		mine with pigment of matering shade complete.	sqm	110.63	
10	13.78	Applying one coat of cement primer of approved brand and	əqiii	110.03	
		manufacture on wall surface:			
	13.78.1	Cement primer	sqm	170.32	
11	13.80.A.2	Providing and applying white cement based putty of	*		
12	13.92	average thickness 2 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.  Wall painting with plastic emulsion paint of approved brand	sqm	170.32	
		and manufacture to give an even shade:			
	13.92.1	Two or more coats on new work	Sqm	170.32	
13	11.21	Providing and fixing 10 mm thick acid and / or alkali resistant tiles of approved make and colour using acid and / or alkali resisting mortar bedding, and joints filled with acid and / or alkali resisting cement as per IS: 4457, complete as per the direction of Engineer-in-Charge.			
	11.21.1	In flooring on a bed of 10 mm thick mortar 1:4 (1 acid			
	11 01 1 1	proof cement: 4 coarse sand).	C	44.50	
	11.21.1.1	Acid and alkali resistant tile.  In dado/skirting on 12 mm thick mortar 1:4 (1 acid proof	Sqm	44.52	
	11.21.2	cement: 4 coarse sand).			
	11.21.2.1	Acid and alkali resistant tile.	Sqm	10.22	
14	8.2	Providing and fixing 18 mm thick gang saw cut, mirror	_		
		polished, premoulded and prepolished, machine cut for			
		kitchen platforms, vanity counters, window sills, facias and			
		similar locations, of required size,approved shade, colour			
		and texture laid over 20 mm thick base cement mortar 1:4			
		(1 cement : 4coarse 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.			
		- 125-15 to 51.10 mgm group rimon out. complete at an icyclis.			
	8.2.2	Granite of any colour and shade			
	8.2.2.1	Area of slab upto 0.50 sqm	Sqm	30.79	
		PHE WORK			

15	MR	Provding and fixing PVC Soil ,Waste & vent pipes all			<u> </u>	
13	IVIIC	complete				
		110 mm dia	metre	51.94		
16	MR	Provding and fixing PVC fittings all complete	meac	31.74		
10	IVIIC	as/specification & direction of E/I				
		110 mm door bend	Each	42.00		
17	18.8	Providing and fixing Chlorinated Polyvinyl Chloride	Lucii	12.00		
1,	10.0	(CPVC) pipes, having thermal stability for hot & cold water				
		supply, including all CPVC plain & brass threaded fittings,				
		including fixing the pipe with clamps at 1.00 m spacing.				
		This includes jointing of pipes & ittings with one step				
		CPVC solvent cement and testing of joints complete as per				
		direction of Engineer in Charge.				
		25 mm nominal outer dia Pipes metre 286.30	metre	61.48		
18	SOR 18.12	Providing and fixing G.I pipes complete with G.I fittings				
		including trenching and refilling etc.				
	SOR	25mm dia nominal bore				
	18.12.3		Metre	47.70		
19	18.50	Providing and fixing C.P. brass long nose bib cock of	T			
		approved quality conforming to IS standards and weighing				
		not less than 810 gms.				
20	18.50.1	15 mm nominal bore	Each	27.00		ļ
20	SUK 17.28	Provding and fixing PVC waste pipe for sink & wash basin				
	17.28.1	including PVC waste fittings complete Semi rigid pipe				
		32 mm dia	Each	27.00		
21		Providing and fixing PTMT grating of approved quality and	Lacii	27.00		
21	50K 10.50	colour.				
	18.58.1	Circular type				
		100mm nominal dia.	Each	27.00		
22	17.10	Providing and fixing Stainless Steel A ISI 304 (18/8)				
		kitchen sink as per IS: 13983 with C.I. brackets and				
		stainless steel plug 40 mm, including painting of fittings and				
		brackets, cutting and making good the walls wherever				
		required :				
		Kitchen sink without drain board				
	<del> </del>	610x460 mm bowl depth 200 mm	Each	12.00		
23	13.12	15 mm cement plaster on rough side of single or half brick				
	10.10.0	wall of mix.	~	107.00		
24	13.12.2	1:4(1 cement: 4 coarse sand)	Sqm	127.20		
24	MR 21.1	Door skin both side all complete.	Job	1.00		
25	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 / aneling, 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				
	21.1.1.1	Anodised aluminium (anodised transparent or dyed to				
		required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	17.	122.74		
<u></u>	L	coming of grade AC 13)	Kg	133.74	L	

27 21.3 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):  21.3.2 With float glass panes of 5.50 mm thickness(weight not less than 12.50 kg/sqm)  Sqm 22.29  28 21.8 Filling the gap in between aluminium frame & adjacent	
less than 12.50 kg/sqm) Sqm 22.29	
28 21.8 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.	
21.8.1 Upto 5mm depth and 5 mm width Metre 53.64	
Note:-	
1) Rate to be inclusive of GST	
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30Q	FOR P	HYSICS LAB WORK				
<u>AT D</u>	ΔV PHF	BLIC SCHOOL, ETWA NAGAR, BEGUS	ΔΡΔΙ			
\	AV 1 OL					
SL.NO		DESCRIPTION	UNIT	QTY.	RATE	AMOUNT
1	15.7	Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50 meters lead:				
	15.7.4	In cement mortar	Cum	4.00		
2	15.60	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead,				
		for all leads including all lifts involved.	Cum	4.00		
3	Derived from 15.23.1	Chipping of whole floor area except toilets for preparing the floor surfaces rough, clean and usable for new floor tiles pasting.	Sqm	190.00		
4	6.18A	Half brick masonry with bricks of class designation 100A in foundations and plinth in:	Sqiii	190.00		
	6.18A.4+ 6.19A	Cement mortar 1:4 (1 cement: 4 coarse send)	Sqm	58.08		
5	5.3	Reinforced cement conrete work in beams, suspended floors, roofs having slope upto 15, landings, balconiec, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto floor five level excluding the cost of centring, shuttering, finishing and reinforement with 1:2:4(1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size).		1.60		
6	5.9	Centering and shuttering including strutting, propping etc. and removal of form for:				
	5.9.4	Shelves (Cast in situ)	sqm	16.80		
7	5.22	Reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete.				
	5.22.7B	Thermo-Mechanically Treated bars TMTC-500-10mm dia	Kg	280.00		

0	11 41 4	Describing and laying Mission delice 1 of 1 too 1		<u> </u>	1	<del>                                     </del>
8	11.41A	Providing and laying Vitrified tiles in floor in different				
		sizes {thickness to be specified by the manufacturer) with				
		water absorption less than 0.08% and conforming to				
		IS:15622, of approved brand & manufacturer, in all colours				
		and shade, laid on 20 mm thick cement mortar 1:4 (1				
		cement: 4 coarse sand) jointing with grey cement slurry				
		@3.3 kg/sqm including grouting the joints with white				
		cement and matching pigments etc. The tiles must be cut				
		with the zero chipping diamond cutter only. Laying of tiles				
		will be done with the notch trowel, plier, wedge, clips of				
		required thickness, leveling system and rubber mallet for				
		placing the tiles gently and easily.				
		practing the thes gentry and easily.				
	11.41A.1	Double charge vitrified tile polished finish of size				
		Size of Tile 600 x 600 mm	Sqm	82.00		
9	11.36	Providing and fixing 1st quality ceramic glazed wall tiles	Sqiii	02.00		
	11.50	conforming to IS: 15622 (Thickness to be specified by the				
		manufacture) 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 Motar 1:3(1				
		cement: 3 coarse sand ) and jointing with grey cement				
		slurry @ 3.3 kg per sqm including pointing in white cement				
		mixed with pigment of matching shade complete.				
			sqm	110.63		
10	13.78	Applying one coat of cement primer of approved brand and	•			
		manufacture on wall surface:				
	13.78.1	Cement primer	sqm	170.32		
11	13.80.A.2	Providing and applying white cement based putty of				
		average thickness 2 mm, of approved brand and				
		manufacturer, over the plastered wall surface to prepare the				
		surface even and smooth complete.	sqm	170.32		
12	13.92	Wall painting with plastic emulsion paint of approved brand	Sqiii	170.32		
		and manufacture to give an even shade:				
	13.92.1	Two or more coats on new work	Sqm	170.32		
13	11.21	Providing and fixing 10 mm thick acid and / or alkali				
		resistant tiles of approved make and colour using acid and /				
		or alkali resisting mortar bedding, and joints filled with acid				
		and / or alkali resisting cement as per IS: 4457, complete as				
		per the direction of Engineer-in-Charge.				
		per the direction of Engineer in Charge.				
	11.21.1	In flooring on a bed of 10 mm thick mortar 1:4 (1 acid				
	11.21.1	proof cement: 4 coarse sand).				
	11.21.1.1	Acid and alkali resistant tile.	Sqm	33.60	+	<del>                                     </del>
	11.21.1.1	In dado/skirting on 12 mm thick mortar 1:4 (1 acid proof	Sqiii	33.00	1	<del>                                     </del>
	11.41.4	cement : 4 coarse sand).				
<del></del>	11.21.2.1	Acid and alkali resistant tile.	Sqm	7.71	1	<del>                                     </del>
14	8.2	Providing and fixing 18 mm thick gang saw cut, mirror	Sqiii	/./1	-	<del>                                     </del>
'-	0.2	polished, premoulded and prepolished, machine cut for				
		kitchen platforms, vanity counters, window sills, facias and				
		similar locations, of required size, approved shade, colour				
		and texture laid over 20 mm thick base cement mortar 1:4				
		(1 cement : 4coarse 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.				
		<b>,</b>				
	8.2.2	Granite of any colour and shade				
	8.2.2.1	Area of slab upto 0.50 sqm	Sqm	30.79		
		PHE WORK				
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Information	15	MR	Provding and fixing PVC Soil ,Waste & vent pipes all complete			
16    MR   Providing and fixing PVC fittings all complete adviscoeffication & directions of the adviscoeffication & directions of the adviscoeffication of directions of the adviscoeffication & directions & directio				metre	39 20	
asspecification & direction of Fit	16	MR		mode	37.20	
110 mm door bend   18.8   Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hor & cold water supply, including all CPVC plain & Paras furnacied fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & ittings with one step CPVC solvent cement and testing of joints complete as per CPVC solvent cement and testing of joints complete as per CPVC solvent cement and testing of joints complete as per CPVC solvent cement and testing of joints complete as per CPVC solvent cement and testing of joints complete as per CPVC solvent cement and testing of joints complete as per CPVC solvent cement and testing of joints complete as per CPVC solvent cement and testing of joints complete as per CPVC solvent cement and testing of joints complete with G.J. firtings including prenching and refilling ele.    18.80.1   18.50.1   18.50   Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.   18.50.1   18.50   Providing and fixing C.P. brass long nose bib cock of approved quality on the stable providing and fixing CPVC waste pipe for sink & wash basin including PVC waste fittings complete   17.28.1   Sem ring pipe   Providing and fixing PTMT grating of approved quality and colour.   18.58.1   Sem diag pipe   Providing and fixing ptmT grating of approved quality and colour.   18.58.1   100mm nominal dia.   Each   20.00	10	IVIIC				
17 18.8 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having themsal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 in spacing. This includes jointing of pipes & ittings with one step CPVC solvent cement and testing of joints complete as per direction of Progineer in Change (3). Providing and fixing G.1 pipes complete with G.1 fittings including trenching and refulling etc.  SOR 18.12 Providing and fixing G.1 pipes complete with G.1 fittings including trenching and refulling etc.  SOR 25 Issum dia nominal bore  18.50.1 providing and fixing C.P. brass long nose bib cock of approved quality conforming to 1S standards and weighing not less than 810 gms.  18.50.1 providing and fixing PVC waste pipe for sink & wash basin including PVC waste fittings complete  17.28.1. Som monitial bore  20 SOR 17.28 providing and fixing PIMT grating of approved quality and colour.  18.58.1 Circular type  18.58.1. 100mm nominal dia.  21 SOR 18.58 Providing and fixing PIMT grating of approved quality and colour.  18.58.1 Circular type  18.58.1. 100mm nominal dia.  22 17.10 Providing and fixing the sundards and walls wherever required:  17.10.2 Kischen sink without drain bourd  17.10.2. 610x460 mm bowl depth 200 mm  23 13.12 15 mm cement plaster on rough side of single or half brick wall of mix.  24 MR Door skin both side all complete. Size: 2-6" x 8-0", 3-6" x g-7" x g-7				Fach	32.00	
(CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & Paras threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & titings with one step CPVC solvent enement and testing of joints complete as per direction of Engineer in Charge.  18.8.32 25 mm nominal outer dia Pipes metre 286.30 metre	17	18.8		Lucii	32.00	
supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spasing. This includes jointing of pipes & ittings with one step CPVC solvent centered and testing of joints complete as per direction of Engineer in Change.  18.8.3 25 mm nominal outer dia Pipes metre 286.30 metre 36.00 metre 36.0	1,	10.0				
including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & ittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.  18.83 25 mm nominal outer dia Pipes metre 286.30 metre 46.40  18 SOR 18.12 Providing and fixing GI pipes complete with GI fittings including trenching and refilling etc.  25mm dia nominal bore 25mm dia nominal bore 8 metre 46.40  18.80 Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.  20 SOR 17.28 Providing and fixing PVC waste pipe for sink & wash basin including PVC waste fittings complete 17.28.1. 32 mm dia 18.58.1. 100mm nominal dia. Fach 20.00  17.10.2 fixed type 1.58.1 dia 18.30 di 18.80 di 1						
This includes jointing of pipes & itinings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.  18.83 25 mm nominal outer dia Pipes metre 286.30 me			** *			
CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.						
direction of Engineer in Charge.  18.83. 25 mm nominal outer dia Pipes metre 286.30 metre  SOR 18.12  SOR 18.12  Providing and fixing G.I pipes complete with G.I fittings including trenching and refilling etc.  SOR 18.12.3  19 18.50 providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.  18.50.1 IS mm nominal bore  20 SOR 17.28 Providing and fixing PVC waste pipe for sink & wash basin including PVC waste fittings complete  17.28.1.1 32 mm din  17.28.1.1 32 mm din  18.58.1.1 Circular type  18.58.1.1 Circular type  18.58.1.1 IOmm nominal dia.  Froviding and fixing Stainless Steel A ISI 304 (1878) kitchen sink as per IS: 13983 with C.I brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required:  17.10.2.2 (610×460 mm bowl depth 200 mm  13.10.2.1 IS mm cement plaster on rough side of single or half brick wall of mix.  13.12 Is mm cement plaster on rough side of single or half brick wall of mix.  24 MR  Door skin both side all complete. Size: 2'-6" x 8'-0", 3'-6" x 8'-0"  17.10.2 Froviding and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular 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 rubbey recopera gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / meling.C.P. brass / stainless steel serves, all complete as per architectural drawings and the directions of Engineer-in-charge, (Glazing, paneling and dash fasteners to be paid for						
18.8.3   25 mm nominal outer dia Pipes metre 286.30   metre   46.40			· · · · · · · · · · · · · · · · · · ·			
SOR 18.12 Providing and fixing G.I pipes complete with G.I fittings including trenching and refilling etc.  SOR 18.12.3  19 18.50 Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.  18.50.1 Is my nominal bore  SOR 17.28 Provding and fixing PVC waste pipe for sink & wash basin including PVC waste fittings complete  17.28.1.1 32 mm dia  20 SOR 18.58 Providing and fixing PTMT grating of approved quality and colour.  17.28.1.1 32 mm dia  21 SOR 18.58 Providing and fixing PTMT grating of approved quality and colour.  18.58.1 Circular type  18.58.1.1 100mm nominal dia.  22 17.10 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS: 139/83 with C.I. brackets and stainless steel pluy 40 mm.including parting of fittings and brackets, cutting and making good the walls wherever required:  17.10.2 Kitchen sink without drain board  17.10.2.2 Glow460 mm bowl depth 200 mm  21 13.12.1 Is mm cement plaster on rough side of single or half brick wall of mix.  22 13.12.1 Standard to with content plaster or rough side of single or half brick wall of mix.  23 13.12.1 Standard to wall of the content plaster or rough side of single or half brick wall of mix.  24 MR Door skin both side all complete. Size: 2-6° x 8-0°, 3-6° x 8-0° and 18 size: 2-6° x 8-0°, 3-6° x 8-0° and 18 size: 2-6° x 8-0° a			direction of Engineer in Charge.			
Including trenching and refilling etc.				metre	46.40	
SOR 18.12.3  19 18.50 Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.  18.50.1 IS mm nominal bore  20 SOR 17.28 Providing and fixing PVC waste pipe for sink & wash basin including PVC waste fittings complete  17.28.1 Semi rigid pipe  17.28.1.1 32 mm dia  21 SOR 18.58 Providing and fixing PTMT grating of approved quality and colour.  18.58.1.1 Gircular type  18.58.1.1 Homm nominal dia.  22 17.10 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required:  17.10.2.2 Gl0x460 mm bowl depth 200 mm  17.10.2.2 Isinhen sink without drain board  17.10.2.2 Isinhen sink without drain board  17.10.2.1 Is mm cement plaster on rough side of single or half brick wall of mix.  13.12.1 Is m cement plaster on rough side of single or half brick wall of mix.  24 MR Door skin both side all complete. Size: 2'-6" x 8'-0", 3'-6" x 8'-0"  25 21.1 Providing and fixing aluminium work for doors, windows, ventilators and partitions with extracted 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 clear angle, Aluminium snap beading for glazing / aneling.C.P. brass / stainless steel serves, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, pancling and dash fasteners to be paid for	18	SOR 18.12				
18.12.3   Metre   36.00						
18.50   Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.   Each   20.00			25mm dia nominal bore		26.00	
approved quality conforming to IS standards and weighing not less than 810 gms.  18.50.1 IS mm nominal bore  SOR 17.28 Provding and fixing PVC waste pipe for sink & wash basin including PVC waste fittings complete  17.28.1. Semi rigid pipe  17.28.1. 32 mm dia  SOR 18.58 Providing and fixing PTMT grating of approved quality and colour.  18.58.1. IOomm nominal dia.  Circular type  18.58.1.1 IOomm nominal dia.  Each 20.00  Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per 15: 13983 with C.I. brackets and stainless steel plug 40 mm,including painting of fittings and brackets, cutting and making good the walls wherever required:  17.10.2 Kitchen sink without drain board  17.10.2 IS dicthen sink without drain board  17.10.2 IS dicthen sink without drain board  13.12.2 I :4(1 cement: 4 coarse sand)  Am Door skin both side all complete. Size: 2'-6" x 8'-0", 3'-6" x 8'-0"  24 MR Door skin both side all complete. Size: 2'-6" x 8'-0", 3'-6" x 8'-0"  25 21.1 Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections' appropriate 7 sections and other sections of approved make conforming to IS: 733 and 18: 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 / aneling.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	10		Descriding and fining CD bears to 17 1 0	ivietre	36.00	
not less than 810 gms.  18.50.1 I5 mm nominal bore  20 SOR 17.28 Providing and fixing PVC waste pipe for sink & wash basin including PVC waste fittings complete  17.28.1 Semi rigid pipe  17.28.1.1 32 mm dia  21 SOR 18.58  Providing and fixing PTMT grating of approved quality and colour.  18.58.1 Circular type  18.58.1.1 [100mm nominal dia.  22 17.10 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required:  17.10.2 Kitchen sink without drain board  17.10.2.2 610.460 mm bowl depth 200 mm  Each  17.10.2.2 15.44 (cement: 4 coarse sand)  24 MR Door skin both side all complete. Size: 2'-6" x 8'-0", 3'-6" x 8'-0"  25 21.1 Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard ubular 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 / aneling.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	19	18.50				
18.50.1   15 mm nominal bore   Each   20.00						
SOR 17.28   Provding and fixing PVC waste pipe for sink & wash basin including PVC waste fittings complete		19.50.1		Each	20.00	
including PVC waste fittings complete  17.28.1 Semi rigid pipe  20.00  21 SOR 18.58 Providing and fixing PTMT grating of approved quality and colour.  18.58.1 Circular type  18.58.1.1 100mm nominal dia. Each 20.00  22 17.10 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS: 13983 with C.I. brackets and stainless steel plug 40 mm,including painting of fittings and brackets, cutting and making good the walls wherever required:  17.10.2 Kitchen sink without drain board  17.10.2.2 Kitchen sink without drain board  17.10.2.2 G10x460 mm bowl depth 200 mm  Each 5.00  23 13.12 Is m cement plaster on rough side of single or half brick wall of mix.  13.12.2 134(I cement: 4 coarse sand) Sqm 96.00  24 MR Door skin both side all complete. Size: 2'-6" x 8'-0", 3'-6" x 8'-0"  25 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 / aneling.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	20			Each	20.00	
17.28.1. Semi rigid pipe 17.28.1.1 32 mm dia 21 SOR 18.58 Providing and fixing PTMT grating of approved quality and colour. 18.58.1. Circular type 18.58.1.1 100mm nominal dia. Each 20.00 22 17.10 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required: 17.10.2 Kitchen sink without drain board 17.10.2.2 610x460 mm bowl depth 200 mm Each 5.00 23 13.12 15 mm cement plaster on rough side of single or half brick wall of mix. 13.12.2 1.44(1 cement: 4 coarse sand) Sqm 96.00 24 MR Door skin both side all complete. Size: 2'-6" x 8'-0", 3'-6" x 8'-0" 25 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 1S: 733 and 1S: 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 / anching.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	20	30K 17.28				
17.28.1.1   32 mm dia   Each   20.00		17 28 1				
21 SOR 18.58  18.58.1. Circular type  18.58.1.1 100mm nominal dia.  22 17.10 Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required:  17.10.2 Kitchen sink without drain board  17.10.2.2 610x460 mm bowl depth 200 mm  13.12.2 1:4(1 cement: 4 coarse sand)  24 MR Door skin both side all complete. Size: 2'-6" x 8'-0", 3'-6" x 8'-0"  25 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 / aneling, 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				Each	20.00	
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stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required:  17.10.2 Kitchen sink without drain board  17.10.2.2 610x460 mm bowl depth 200 mm Each 5.00  23 13.12 15 mm cement plaster on rough side of single or half brick wall of mix.  13.12.2 1:4(1 cement: 4 coarse sand)  24 MR Door skin both side all complete. Size: 2'-6" x 8'-0", 3'-6" x 8'-0"  25 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 / aneling, 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	22	17.10	Providing and fixing Stainless Steel A ISI 304 (18/8)			
brackets, cutting and making good the walls wherever required:  17.10.2. Kitchen sink without drain board  17.10.2.2. 610x460 mm bowl depth 200 mm Each 5.00  23 13.12 15 mm cement plaster on rough side of single or half brick wall of mix.  13.12.2 1.4(1 cement: 4 coarse sand) Sqm 96.00  24 MR Door skin both side all complete. Size: 2'-6" x 8'-0", 3'-6" x 8'-0"  25 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 / aneling, 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						
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13.12.2 1:4(1 cement: 4 coarse sand ) Sqm 96.00  24 MR Door skin both side all complete. Size: 2'-6" x 8'-0", 3'-6" x 8'-0"  25 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 / aneling, 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	23	13.12				
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25 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 / aneling, 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	24	MK		T.L	1.00	
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 / aneling, 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	25	21.1		Job	1.00	
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drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for						
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21.1.1 For fixed portion			,			
		21.1.1	For fixed portion			

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	21.1.1.1	Anodised aluminium (anodised transparent or dyed to				
		required shade according to IS: 1868, Minimum anodic				
		coating of grade AC 15)	Kg	33.42		
26	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				
		EPDM rubber / neoprene gasket				
		required (Fittings shall be paid for separately)				
	21.1.2.1	Anodised aluminium (anodised transparent or dyed to				
	21.11.2.1	required shade according to IS: 1868, Minimum anodic				
		coating of grade AC 15)	17.	16.71		
27	21.3	Providing and fixing glazing in aluminium door, window,	Kg	16.71		
21	21.5	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):				
	21.3.2	With float glass panes of 5.50 mm thickness(weight not				
		less than 12.50 kg/sqm)	Sqm	5.57		
28	21.8	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.				
		ara and an estion of Engineer in charge complete.				
	21.8.1	Upto 5mm depth and 5 mm width	Metre	14.00		
	21.0.1	oper chain depair and chain made	1,10110	11.00		
		Note:-				
	1)	Rate to be inclusive of GST				
	')	Nate to be inclusive of GS1			<u> </u>	