

ABSTRACT	
Sl.No	School Name
1	Patti anganwadi
2	Isnapur x road anganwadi
3	Chitkul anganwadi
4	Pashaylaram anganwadi
5	Nandigamma anganwadi
6	Bhannor anganwadi
7	Peddakancharla anganwadi
8	Zphs Kistaredypet
9	Zphs isnapur
10	Zphs Muttangi
11	Zphs Ameenpur
12	Mpups chinnakanjerla
13	Mpups Pocharam
14	Mpups Pashaylaram
15	Zphs Ghanapur
16	Mpups Nandigamma
17	Zphs Chitukul
18	Zphs Peddakancharla
19	zphs Beramguda
20	Total=

Bill Of Quantity
GEE (SANDVIK) PROJECT

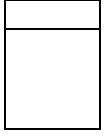
Name of work: ANGANWADI SCHOOL PATII TOLET RENOVATION

SI No	Item No.	Description	No's	Lenth (M)	Breath (M)	Height/Depth (M)	Quantity	Unit	Rate (RS)	Amount (RS)
1	<u>DR.1</u>	<u>DOORS</u>								
2		Providing & fixing IRON frame with 8 mm steel bars applying zink primer type as per drawing including all accessories, and RCC lintals ,Conveyance of all materials , Labour cost ect . (OR WOOD DOOR)								
3	1	Toilets main door	1.00	0.76	1.98		50.00	KGS		
4	<u>EL.2</u>	<u>ELECTRICAL ITEMS</u>								
5		Providing & fixing electrical items as per electrical points and PVC pipes and M.S boxes Concealing pipes into the wall offers them a measure of security. Wire arrange from near by existing room power facility.,Including transporation , Material shifting , Labour cost etc.								
6	1	2 modular metal box - 1 Moudule space plate	1.00				1.00	No.s		
7	2	MCB 32A Single pole -Havells	1.00				1.00	No.s		
8	3	2 way switch 10A -Anchor Roma	2.00				2.00	No.s		
9	4	PVC Pipe -19 mm -10 feet	2.00				2.00	No.s		
10	5	Junction box -4 way ,L bend	3.00				3.00	No.s		
11	6	1 sq mm wire -90m -Finolex Brand	1.00				90.00	mts		
12	7	Buld -7 w led -Wipro or Phipipes brand	1.00				1.00	No.s		
13	8	Fancy Buld holder -Anchor brand	1.00				1.00	No.s		
14	9	Labour charges -Lumpsum charges (One toilet)	1.00				1.00	No.s		
15	<u>PLM.03</u>	<u>PLUMBING SANITARYWARE</u>								
16		Providing and fixing Plumbing and sanitary items ,All pipes concealing in to walls , Need to place the pipes in floor as well if required.sanitary items Anexy ,Roxo or Equivalent Brand Pipes -Ashirvad , Prince or astral Equivalent Brand .Conveyance of all materials,Including transporation,Soil excavation and Labour cost etc.								
17	1	Urinals(ceramic white with all fittings)	2.00				2.00	NO,S		
18	2	stainless push button taps	4.00				4.00	NO,S		
19	3	P v c 75mm pipes 10ft	2.00				2.00	NO,S		
20	4	4" pvc door elbow	2.00				2.00	NO,S		
21	5	4" pvc elbow	2.00				2.00	NO,S		
22	6	pvc solution	1 lit				1 lit	NO,S		
23	7	3/4cpvc pipe	2.00				2.00	NO,S		
24	8	cpvc elbwo	4.00				4.00	NO,S		

13		Providing and applying emulsion Primer White paint and on surface Layer emulsion dark colour paint - Asian paints or Equavalent brands ,Colour as per cleint choice , for cement, masonry, plaster, two coats on exisitng work and new work ,and removing existing wall paint ,Including transport , material shifting , labour charges								
14	1	long walls	2.00	3.05	1.22		7.43	Sqm		
15	2	short walls	2.00	1.42	1.22		3.47	Sqm		
16	3						10.90	Sqm		
17	4	Deduction of door area	1.00	1.42	1.22		1.74	Sqm		
18	5	Total					9.17	Sqm		
19	<u>PS.04</u>	<u>PLUMBING SANITARYWARE</u>								
20		Providing and fixing Plumbing and sanitary items ,All pipes concealing in to walls , sanitary items Anexy ,Roxo or Equivalent Brand Pipes -Ashirvad , Prince or Equivalent Brand .Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.								
21	1	Plastic Water tank -3 layer Agarwal brand or Plasto Brand - Capacity 500 lit with fittings	1.00			1.00		No.s		
22	2	1" cpvc cupelers	10.00			10.00		No.s		
23	3	Bal Valve	1.00			1.00		No.s		
24	4	CPVC Solution	1.00			1.00		No.s		
25	5	PVC solution	1.00			1.00		No.s		
26	6	Taflon tap	3.00			3.00		No.s		
27	7	1" CPVC Pipe	6.00			6.00		No.s		
28	8	1" L bow bend	3.00			3.00		No.s		
29	9	1" End cap	1.00			1.00		No.s		
30	10	Dummy 's	3.00			3.00		No.s		
31	11	Gi clamps	1.00			1.00		No.s		
32	12	Plumbing Labour Charges Lumpsum -fixing all plumbing , sanitary ietms , All pipes concealing in to walls				1.00		No.s		
33	EL.05	<u>ELECTRICAL ITEMS</u>								

34		Providing & fixing electrical items as per electrical points and PVC pipes and M.S boxes Concealing pipes into the wall offers them a measure of security. Wire arrange from near by existing room power facility.								
35	1	2 modular metal box - 1 Moudule space plate	1.00			1.00		No.s		
36	2	MCB 32A Single pole - Havells	1.00			1.00		No.s		
37	3	2 way switch 10A - Anchor Roma	2.00			2.00		No.s		
38	4	PVC Pipe -19 mm -10 feet	5.00			5.00		No.s		
39	5	Junction box -4 way ,L bend	3.00			3.00		No.s		
40	6	1 sq mm wire -90m - Finolex Brand	1.00			90.00		mts		
41	7	Buld -7 w led - Wipro or Phipipes brand	1.00			1.00		No.s		
42	8	Fancy Buld holder - Anchor brand	1.00			1.00		No.s		
43	9	Labour charges -Lumpsum charges								
44	IEC_6	IEC Wall writings ,Pictures drawing								
45		Providing and applying ,writing IEC Design and Draw pictures on the wall surface using Enamel type paint - Asian paint or equivalent brand Colour and pictures as per cleint choice ,Including transporation , Material shifting , Labour cost etc.								
46	1		1.00	2.44	2.44		5.95	SQM		
47	1	Sanitizer Dispenser wall Mounted (Foot operated)	1.00				1.00	NO.S		
48	2	Soap boxes	1.00				1.00	NO.S		
49	3	door lock pads	1.00				1.00	NO.S		
50	4	Dustbin	1.00				1.00	NO.S		
51	5	Providing and arranging water buckets (20lit) with Mugs in toilets ,Conveyance of all materials,Labour cost etc. Chaten plast or equivalent brand	1.00				1.00	NO,S		
52										
40										
41										
42										
		Note : The quantites indicated are based on estimation ,which may vary upward or downward during execution								
		water Curing to be done on the contractor side								
		The work should be completed as directed by the Engineer -in -charge								
		Use only mentioned material brands in work execution ,Equivalent brands must approve by Engineering inchare or site engineer								
		Cement -53 Grade ULTRATECH or Equivalent brand								

		Steel -500D ,TATA or VIZAG Steel or Equivalent Brand								
		Contractor has to submit the Bills of authorised dealers from whom procurement of material is done by contractor in respect for the basic rate has been mentioned in the Price Bid								



12	1	2 modular metal box - 1 Moudule space plate	1.00				1.00	No.s		
13	2	MCB 32A Single pole - Havells	1.00				1.00	No.s		
14	3	2 way switch 10A - Anchor Roma	2.00				2.00	No.s		
15	4	PVC Pipe -19 mm -10 feet	2.00				2.00	No.s		
16	5	Junction box -4 way ,L bend	3.00				3.00	No.s		
17	6	1 sq mm wire -90m - Finolex Brand	1.00				1.00	mts		
18	7	Buld -7 w led - Wipro or Phipipes brand	1.00				1.00	No.s		
19	8	Fancy Buld holder - Anchor brand	1.00				1.00	No.s		
20	9	Labour charges -Lumpsum charges					1.00			
21	PS .03	<u>PLUMBING SANITARYWARE</u>								
22	1	water tank 1000 lit 3 layers including fittings -Agarval or Plato or Equavalent brands	1.00				1.00	NO,S		
23	2	conection pipe	1.00				1.00	NO,S		
24	3	taflon tab	1.00				1.00	NO,S		
25	4	UPVC Solution	1.00				1.00	NO,S		
26	5	Upvc elbo(3/4)	5.00				5.00	NO,S		
27	6	Upvc brass elbo	5.00				5.00	NO,S		
28	7	Upvc pipes 3/4(10ft)	12.00				12.00	NO,S		
29	8	stainless tap	1.00				1.00	NO,S		
30	9	upvc couplers	20.00				20.00	NO,S		
31	10	3/4 CPVC ball valve	2.00				2.00	NO'S		
32	11	upvc elbos	10.00				10.00	NO'S		
33	12	GI clamps	1.00				1 box	NO'S		
34	13	Plumbing Charges Lumpsum -fixing all plumbing , sanitary ietms , All pipes concealing in to walls and floor area	1.00				1.00	NO,S		
35	PT.04	<u>PAINTING WORK</u>								
36		Providing and applying emulsion Primer White paint and on top layer emulsion dark colour paint - Asian Paints or Equavalent brand -Colour as per cleint choice , for cement, masonry, plaster, two coats on exisitng work and new work ,and removing existing wall paint ,Including transport , material shifting , labour charges								
37	1	Long Wall (Internal)	2.00	1.93	1.22		4.70	Sq.m		
38	2	Short Wall (Internal)	2.00	1.32	1.22		3.22	Sq.m		
39	IEC .5	IEC Wall writings ,Pictures drawing								

mentioned in the Price Bid

		Grand Total Total (Nu.)								
		<i>in words.</i>								
		Note : The quantites indicated are based on estimation ,which may vary upward or downward during execution								
		water Curing to be done on the contractor side								
		The work should be completed as directed by the Engineer -in -charge								
		Use only mentioned material brands in work execution ,Equivalent brands must approve by Engineering incharge or site engineer								
		Cement -53 Grade ULTRATECH or Equivalent brand								
		Steel -500D ,TATA or VIZAG Steel or Equivalent Brand								
		Contractor has to submit the Bills of authorised dealers from whom procurement of material is done by contractor in respect for the basic rate has been mentioned in the Price Bid								

Bill of Quantity
GEE (SANDVIK) PROJECT PATANCHERU

Name of work: ANGANWADI SCHOOL NANDIGAMA TOILET RENOVATION

Sl No	Item No.	Description	No's	Lenth (M)	Breath (M)	Height/Depth (M)	Quantity	Unit	Rate (Nu)
1	<u>EW.01</u>	<u>EARTH WORK</u>							
2		Earthwork in excavation over areas by Man power including levelling and dressing, -soak pit .Contractor should bring the tools.							
3	1	septic tank circular	1.00			6ft	7m3	cum	
4	<u>BW.2</u>	<u>BRICK WORK</u>							
5		Red Bricks size (19cm * 19cm * 9cm)Thikness outre 9" wall ,cement motor 1:4 (1-cement:4-sand)finishing with Smooth finish ,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.Before construct the walls , have to curing the bricks in water at least 60mins.							
6	1	Long wall	2.00	4.90	0.10	0.76	0.75	CUM	
7	2	Short wall	2.00	1.60	0.10	0.76	0.25	CUM	
8	3	Total					1.00	CUM	
9	<u>PL.03</u>	<u>PLASTER</u>							
10		Providing & laying 15mm cement plaster on rough side of single Red brick wall in cement mortar 1:3 on (external wall and Internal wall)finishing with Smooth finish ,,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.							
11	1	Long walls	2.00	4.90	1.62		15.93	SQM	
12	2	short walls	2.00	1.60	1.62		5.20	SQM	
13	<u>DR.4</u>	<u>DOORS</u>							
14		Providing & fixing IRON frame with 8 mm steel bars applying zink primer type as per drawing including all accessories, and RCC lintals ,Conveyance of all materials , Labour cost ect .							

15	1	urinals main door	1.00	0.76	1.98		30.00	KGS	
16	FL.5	Providing & fixing Wall tiles 250 x 450 mm laid on bed of 25mm thick cement mortar 1:3 (1 -Cement ,3 -sand) tiles colour -blue with Grouting finishing the joints with similar colour of the titles Sonic Gold primium or Equivalent Brand .,Conveyance of all materials , Labour cost etc .							
17	1	Long walls	2.00	1.42	1.22		3.47	SQM	
18	1	short walls	2.00	0.91	1.22		2.23	SQM	
19		URINALS -1							
20	1	Long walls	2.00	1.83	1.22		4.46	SQM	
21	2	short walls	2.00	1.42	1.22		3.47	SQM	
22	3	URINALS -2							
23	4	Long wall	2.00	1.70	1.22		4.15	SQM	
24	5	short walls	2.00	1.42	1.22		3.47	SQM	
25	6	DEDUCTIONS(-)							
26	7	Deductions of doors	3.00	1.83	0.76		4.18	SQM	
27	8	Total					17.07	SQM	
28		Providing & Existing floor chiping and fixing Anti skid ceramic titles 300x300mm laid on bed of 25mm thick cement mortar 1:3(1 -Cement ,3 -sand) Tile colour white or ivory with Grouting finishing the joints with similar colour of the titles Orient or Equivalent Brand .: - in toilet floors ,,Conveyance of all materials, Including transporatation ,Labour cost etc							
29	1	toilet area	1.00	1.62	0.91		1.49	SQM	
30	2	urinal -1	1.00	1.70	1.62		2.76	SQM	
31	3	urinal-2	1.00	1.83	1.62		2.97	SQM	
32	4	Total					7.22	SQM	

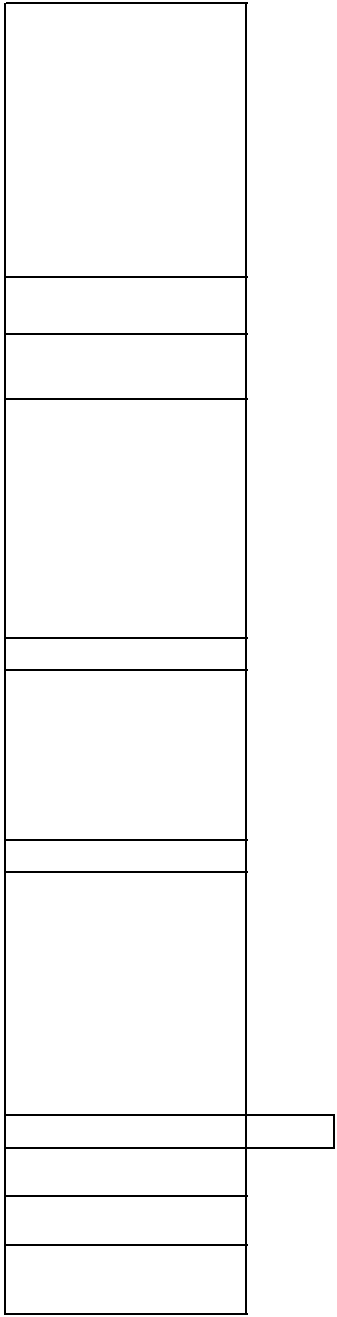
		Providing & laying 40 mm thick factory made cement concrete interlocking paver block of approved size, design & shapes -I Dumble ,Zig zag , Milano ,Basil ,Hexagon laid in Red and yellow (Mixing) colour and pattern over and including 20 mm thick compacted bed of coarse sand, filling the joints with fine sand. Conveyance of all materials including							
33	1.00	Toilets and urinals front side.	1.00	4.06	1.83		7.43	SQM	
34	<u>RF.06</u>	<u>ROOFING WORKS</u>							
35		Providing & fixing trapezoidal Pre painted Galvalume (PPGI-120 GSM-550MPA) sheets with metal sealed EPG10 colour coats system - 0.5mm CRIL or TATA ,JINDHAL,JSW or Equivalent Brand ,Conveyance of all materials ,Materia shifting , Labour cost etc -UNIT -A							
36		Toilets and urinals area	1.00	4.88	2.13		10.40	SQM	
37		Providing & fixing Square pipes -40mm *40mm Pre painted Galvalume Pre painted (PPGI--120GSM-350MPA) 4mm .TATA ,JSW, EVEREST or Equivalent Brand ,Conveyance of all materials , Labour cost ect .	2.00	4.88			25.00	KGS	
38	<u>PLM.07</u>	<u>PLUMBING SANITARYWARE</u>							
39		Providing and fixing Plumbing and sanitary items ,All pipes concealing in to walls , Need to place the pipes in floor as well if required. sanitary items Anexy ,Roxo or Equivalent Brand Pipes -Ashirvad , Prince or astral Equivalent Brand .Conveyance of all materials,Including transporation,Soil excavation and Labour cost etc.							
40	1	Urinals(ceramic white with all fittings)	4.00				4.00	NO,S	
41	2	taflon tab	2.00				2.00	NO,S	
42	3	CPVC Solution (90g)	1.00				3.00	NO,S	
43	8	Cpvc elbo(3/4)	5.00				5.00	NO,S	

44	9	Cpvc brass elbo	5.00				5.00	NO,S	
45	10	75mm pvc pipe	3.00				3.00	NO,S	
46	12	75mm pvc elbo	4.00				470.00	NO,S	
47	13	PVC solution 1lit	1.00				1.00	NO,S	
48	15	100mm pvc pipes 10ft	3.00				3.00	NO,S	
49	16	Cpvc pipes 3/4(10ft)	5.00				5.00	NO,S	
50	17	stainless tap	5.00				5.00	NO,S	
51	18	vent cowl	1.00				1.00	NO,S	
52	19	3/4 CPVC ball valve	1.00				1.00	NO'S	
53	17	Double lock steel jaalli Plane type	2.00				2.00	NO,S	
54	18	Plumbing Charges Lumpsum -fixing all plumbing , sanitary ietms , All pipes concealing in to walls and floor area							
55	<u>PT.08</u>	<u>PAINTING WORK</u>							
56		Providing and applying emulsion Primer White paint and on surface layer emulsion dark colour paint - Asian paints or Equavalent brands ,Colour as per cleint choice , for cement, masonry, plaster, two coats on exisitng work and new work ,and removing existing wall paint ,Including transport , material shifting , labour charges							
57	1	Toilet							
58	1	Long Wall (Internal)	2.00	1.42	1.22		3.47	Sq.m	
59	2	Short Wall (Internal)	2.00	1.42	1.22		3.47	Sq.m	
60	2	URINAL-1							
61	1	Long Wall (Internal)	2.00	1.83	1.22		4.46	Sq.m	
62	2	Short Wall (Internal)	2.00	1.42	1.22		3.47	Sq.m	
63									
64	2	URINAL-2							
65	1	Long Wall (Internal)	2.00	1.83	1.22		4.46	Sq.m	
66	2	Short Wall (Internal)	2.00	1.42	1.22		3.47	Sq.m	

6768	3	Toilet& urinals (external long walls walls)	2.00	4.90	2.44		23.90	Sq.m	
69	4	extranal short walls	2.00	1.62	2.44		7.92	Sq.m	
70	5						54.63	Sq.m	
71	6	Deduction of Door area	3.00	0.76	1.83		4.18	Sq.m	
72	7	Total					50.45	Sq.m	
73	<u>IEC-7</u>	Providing and applying ,writing IEC Design and Draw pictures on the wall surface using Enamel type paint - Asian paint or equivalent brand Colour and pictures as per cleint choice ,Including transporation , Material shifting , Labour cost etc.							
74	1		1.00	1.83	1.83		3.34	SQM	
75									
76	<u>SPT-8</u>	Providing & laying 4 feet diameter 1 feet height cement rings and grouted with fine sand mix including well rammed, finishing the top smooth - With cement concrete 1:2:4, 12.5mm aggregates, 50mm thickness ,including Transportation , Labour cost ect .							
77	1		6.00				6.00	No;s	
79	2	Providing & laying 4 feet diameter cement rings cap and grouted with fine sand mix including well rammed, finishing the top smooth - With cement	1.00				1.00	No's	
80	1	Soap hangers	1.00				1.00	NO.S	
81	1	Sanitizer Dispenser wall Mounted (Foot operated)	1.00				1.00	NO.S	
81	2	Soap boxes	1.00				1.00	NO.S	

83	3	door lock pads	1.00				1.00	NO.S		
84	4	Dustbin	1.00				1.00	NO.S		
85	5	Providing and arranging water buckets (20lit) with Mugs in toilets ,Conveyance of all materials,Labour	1.00				1.00	NO,S		
86										
87	1	Note : The quantites indicated are based on estimation ,which may vary upward or downward during execution								
88	2	water Curing to be done on the contractor side								
89	3	The work should be completed as directed by the Engineer -in -charge								
90	4	Use only mentioned material brands in work execution ,Equivalent brands must approve by Engineering inchare or site engineer								
91	5	Cement -53 Grade ULTRATECH or Equivalent brand								
92	6	Steel -500D ,TATA or VIZAG Steel or Equivalent Brand								
93	7	Contractor has to submit the Bills of authorised dealers from whom procurement of material is done by contractor in respect for the basic rate has been mentioned in the Price Bid								
94	<u>8</u>									
95	<u>9</u>									
96	10									
97	11									

Contractor has to submit the Bills of authorised dealers from whom procurement of material is done by contractor in respect for the basic rate has been mentioned in the Price Bid



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Bill of Quantities
GEE (SANDVIK) PROJECT PATANCHERU

Name of work: ANGANWADI SCHOOL BHANUR TOILET RENOVATION

SI No	Item No.	Description	No's	Lenth (M)	Breath (M)	Height/Depth (M)	Quantity	Unit	Rate (Rs)
1	<u>WR 1</u>	<u>Wall repair</u>							
2	1	Providing and repair patch work on front wall ,chiping old layer of plasating as per drawing, Conveyance of all materials ,Labour cost etc	1.00	4.57	2.44		11.15	Sqm	
3	<u>BW.02</u>	<u>BRICK MASONRY WORK</u>							
4		Providing & laying First -Class solid cement Brick -18" *6 " *8" - 6" thick ness work in Superstructure above existing walls to all top levels- In cement mortar 1:4 (1-Cement , 4-sand),Conveyance of all materials, and Labour cost ect.							
5	1	Long Walls	2.00	2.69	0.23	0.76	1.23	cum	
6	2	Short Walls	2.00	1.80	0.23	0.76	0.82	cum	
7	<u>FL.03</u>	<u>FLOORING WORKS</u>							
8		Providing & fixing Wall tiles 250 x 450 mm laid on bed of 25mm thick cement mortar 1:3 (1 -Cement ,3 -sand) tiles colour -blue with Grouting finishing the joints with similar colour of the titles Sonic Gold primium or Equivalent Brand .,Conveyance of all materials , Labour cost etc .							
9	1	urinals area long walls	2.00	2.69	1.22		6.56	Sq.m	
10	2	urinals short walls	2.00	1.80	1.22		4.40	Sq.m	
11	3	Toilets area long walls	2.00	1.80	1.52		5.50	Sq.m	
12	4	short walls	2.00	1.37	1.52		4.18	Sq.m	
13							20.64	Sq.m	
14	5	Deduction of Doors area	2.00	1.37	1.52		4.18	Sq.m	
15	6	Total					16.46	Sq.m	

16		Providing & Existing floor chiping and fixing Anti skid ceramic titles 300x300mm laid on bed of 25mm thick cement mortar 1:3(1 -Cement ,3 -sand) Tile colour white or ivory with Grouting finishing the joints with similar colour of the titles Orient or Equivalent Brand .: - in toilet floors ,,Conveyance of all materials, Including transporatation ,Labour cost etc							
17	1	Toilets area	1.00	1.80	1.37		2.47	Sq.m	
18	2	urinals area	1.00	2.69	1.80		4.86	Sq.m	
19		Providing & laying 40 mm thick factory made cement concrete interlocking paver block of approved size, design & shapes -l Dumble ,Zig zag , Milano ,Basil ,Hexagon laid in Red and yellow (Mixing) colour and pattern over and including 20 mm thick compacted bed of coarse sand, filling the joints with fine sand ,,Conveyance of all materials Including transporatation ,Labour cost etc							
20			1.00	4.52	1.83		8.27	Sqm	
21	<u>RF.04</u>	<u>ROOFING WORKS</u>							
22		Providing & fixing trapezoidal Pre painted Galvalume (PPGI-120 GSM-550MPA) sheets with metal sealed EPG10 colour coats system - 0.5mm CRIL or TATA ,JINDHAL,JSW or Equivalent Brand ,Conveyance of all materials ,Materia shifting , Labour cost etc							
23	1	urinals area	1.00	3.05	3.05		9.29	Sq.m	
24		Providing & fixing Eaves board (10x19mm) with moulding fitted and fixed with necessary screws - Mixed ,,Conveyance of all materials, Conifer ,including Transportation , Labour cost ect .							
25		Providing & fixing Square pipes -40mm *40mm Pre painted Galvalume Pre painted (PPGI--120GSM-350MPA) 4mm .TATA ,JSW, EVEREST or Equivalent Brand ,,Conveyance of all materials , Labour cost ect .	1.00	6.10			25.00	KGS	
26		screws					1.00	kgs	

27		Providing & laying 40 mm thick factory made cement concrete interlocking paver block of approved size, design & shapes -l Dumble ,Zig zag , Milano ,Basil ,Hexagon laid in Red and yellow (Mixing) colour and pattern over and including 20 mm thick compacted bed of coarse sand, filling the joints with fine sand ,,Conveyance of all materials Including transporatation ,Labour cost etc							
28	1	Toilets and urinals front side.	1.00	4.52	1.83		8.27	SQM	
29	PL.05	PLASTER							
30		Providing & laying 15mm cement plaster on rough side of single Solid brick wall in cement mortar 1:3 on (external walls and Internal wall)finishing with Smooth finish ,Conveyance of all materials , Material shifting , Labour cost etc.							
31	1	Long Walls	2.00	2.69	1.75		9.43	Sq.m	
32	2	Short Walls	2.00	1.80	1.75		6.32	Sq.m	
33	3	Total					15.76	Sq.m	
34	PT.06	PAINTING WORK							
35		Providing and applying emulsion Primer White paint and on surface layer emulsion dark colour paint - Asian paints or Equvalent brands ,Colour as per cleint choice , for cement, masonry, plaster, two coats on exisitng work and new work ,and removing existing wall paint ,Including transport , material shifting , labour charges -UNIT-A ,C,D							
36	1	Long Wall (external)	2.00	4.50	2.59		23.29	Sq.m	
37	2	Short Wall (External)	2.00	2.31	2.59		11.97	Sq.m	
38	3	Long Wall (internal)	2.00	4.09	1.37		11.22	Sq.m	
39	4	Short Wall (internal)	2.00	1.85	1.37		5.09	Sq.m	
40	5	Sub Total					35.26	Sq.m	
41	6	Deductions -Doors	2.00	1.83	0.61		2.23	Sq.m	

42	7	Sub Total					33.03	Sq.m	
43	<u>IEC-7</u>	Providing and applying ,writing IEC Design and Draw pictures on the wall surface using Enamel type paint - Asian paint or equivalent brand Colour and pictures as per cleint choice ,Including transporation , Material shifting , Labour cost etc.							
44	1		1.00	2.44	2.44		5.95	SQM	
45	PS .8	<u>PLUMBING SANITARYWARE</u>							
46		Providing and fixing Plumbing and sanitary items ,All pipes concealing in to walls , sanitary items Anexy ,Roxo or Equivalent Brand , Pipes -Ashirvad , Prince or Equivalent Brand .Conveyance of all materials , Labour cost etc.							
47	1	Plastic Water tank -3 layer Agarwal brand or Plasto Brand - Capacity 500 lit with fittings	1.00				1.00	No.s	
48	1	Urinal Bowls and fittings -15"	3.00				3.00	No's	
49	2	3/4" CPVC Pipe -10 feet pipe or 3.04mts	6.00				6.00	No's	
50	3	Coupling -3/4"	6.00				6.00	No's	
51	7	Ball Valve	2.00				2.00	No's	
52	11	CPVC Solution	1.00				1.00	No's	
53	13	1" C.P.V.C pipe -10 feet pipe or 3.04mts	2.00				2.00	No's	
54	14	1" coupling	5.00				5.00	No's	
55	15	1" End cap	2.00				2.00	No's	
56	16	Brass elbwo	3.00				3.00	No's	
57	17	elbwo	6.00				6.00	No's	
58	16	3/4" end caps	2.00				2.00	No's	
59	17	Taflon taps	10.00				10.00	No's	
60	19	Dummy 's	10.00				10.00	No's	
61	20	Double lock steel jaalli Hole type	1.00				1.00	No's	
62	21	4" Non drop	1.00				1.00	No's	
63	22	45 degrees PVC bend	1.00				1.00	No's	
64	24	Stainless taps	3.00				3.00	No's	

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Amount (RS)

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Name of work: ANO

Sl No	Item No.
	<u>Ew.01</u>
1	
2	1
3	2
4	<u>PCW.02</u>
5	
6	1
7	2
8	<u>RMW.03</u>
9	
10	1
11	2
12	<u>BW.04</u>
13	

14	1
15	2
16	<u>PL.05</u>
17	
18	1
19	2
20	3
21	4
22	5
23	6
24	7
25	<u>FL.06</u>
26	
27	1
28	

29	1
30	2
32	3
32	3
33	
34	1.00
35	<u>DR.07</u>
36	
37	1
34	<u>PT.08</u>
35	
36	1
37	2
38	3
39	4
40	5

41	6
42	7
43	<u>PLM.08</u>
44	
45	
46	1
47	2
48	4
49	5
50	6
51	7
52	8
53	9
54	10
55	11
56	12
57	13

58	14
54	15
55	16
56	17
57	18
58	19
59	20
60	<u>El.9</u>
61	
62	1
63	2
64	3
65	4
66	5
67	6
68	7
69	8
70	9
71	10
72	11

76	<u>SPT-8</u>
77	1
79	2

	3
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73	<u>RF.10</u>
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74	
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75	1
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77	1
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78	2
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79	3
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82	6
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83	7
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Bill of Quantities
GEE (SANDVIK) PROJECT PAT

GANWADI SCHOOL PEDDAKANCHARLA RENOVATION WORK

Description	No's
<u>EARTH WORK</u>	
Earthwork in excavation over areas by Man power including levelling and dressing, -soak pit .Contractor should bring the tools.	
Long Walls	1.00
short walls	2.00
<u>PLAIN CONCRETE WORKS (PCC)</u>	
Providing and laying in position plain cement concrete 1:4:8 (1 cement : 4 sand : 8 graded crushed rock 40 mm nominal size) excluding the cost of centering and shuttering ,Conveyance of all materials,Labour cost etc	
Long Walls	1.00
short walls	2.00
<u>RR MASONRY WORK</u>	
RR Masonry work including materials and labour charges and transportations1:6(1 cement 6 sand)	
Long walls	1.00
short walls	2.00
<u>BRICK MASONRY WORK</u>	
Providing & laying First -Class solid cement Brick -18" *6 " *8" - 6" thick ness work in Superstructure above existing walls to all top levels- In cement mortar 1:4 (1-Cement , 4-sand), Including Transportation and Labour cost ect.	

Long walls	1.00
Short walls	2.00
<u>PLASTER</u>	
Providing & laying 15mm cement plaster on rough side of single Red brick wall in cement mortar 1:3 on (external walls and Internal wall)finishing with Smooth finish ,,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.	
Long walls(External)	1.00
Short walls(External)	2.00
Long walls(internal)	1.00
Short walls(internal)	2.00
Deduction of doors	2.00
Total	
<u>FLOORING WORKS</u>	
Providing & Existing floor chiping and fixing Anti skid ceramic titles 300x300mm laid on bed of 25mm thick cement mortar 1:3(1 - Cement ,3 -sand) Tile colour white or ivory with Grouting finishing the joints with similar colour of the titles Orient or Equivalent Brand .: - in toilet floors ,Conveyance of all materials, Including transporatation ,Labour cost etc	
Toilet and urinals	1.00
Providing & fixing Wall tiles 250 x 450 mm laid on bed of 25mm thick cement mortar 1:3 (1 -Cement ,3 -sand) tiles colour -blue with Grouting finishing the joints with similar colour of the titles Sonic Gold primium or Equivalent Brand .,Conveyance of all materials , Labour cost etc .	

Long walls	2.00
short walls	2.00
Deduction of doors	2.00
Total area	
Providing & laying 40 mm thick factory made cement concrete interlocking paver block of approved size, design & shapes -I Dumble ,Zig zag , Milano ,Basil ,Hexagon laid in Red and yellow (Mixing) colour and pattern over and including 20 mm thick compacted bed of coarse sand. filling the joints with fine sand	
Toilets and urinals front side.	1.00
<u>DOORS</u>	
Providing & fixing IRON frame with 8 mm steel bars applying zink primer type as per drawing including all accessories, and RCC	
toilet door(iron door)	1.00
<u>PAINTING WORK</u>	
Providing and applying emulsion Primer White paint and on surface layer emulsion dark colour paint - Asian paints or Equavalent brands ,Colour as per cleint choice , for cement, masonry, plaster, two coats on exisitng work and new work ,and removing existing wall paint ,Including transport , material shifting , labour charges -UNIT-A ,C,D	
Long Wall (external)	2.00
Short Wall (External)	2.00
Long Wall (external)	2.00
Short Wall (External)	2.00

DEduction of doors	2.00
Total	
<u>PLUMBING SANITARYWARE</u>	
Providing and fixing Plumbing and sanitary items ,All pipes concealing in to walls , Need to place the pipes in floor as well if required. sanitary items Anexy ,Roxo or Equivalent Brand Pipes -Ashirvad , Prince or astral Equivalent Brand .Conveyance of all materials,Including transporation,Soil excavation and Labour cost etc.	
<u>Fittings for toilet and urinals</u>	
indian type commode(525mm*430*200mm)	1.00
Urinal bowls including all Fittings & accessories,(All types of fittings ,reducures ,bends ,2' connection pipe ,angle cock ,push tap , etc	2.00
water tank 1000 lit 3 layers including fittings -Agarval or Plato or Equavalent brands and all fittings	1.00
conection pipe	1.00
taflon tab	1.00
CPVC Solution (90g)	1.00
Upvc elbo(3/4)	5.00
Upvc brass elbo	5.00
75mm pvc pipe	3.00
100mm non trap	3.00
75mm pvc elbo	4.00
PVC solution 1lit	1.00

v-tap	2.00
100mm pvc pipes 10ft	2.00
cpvc pipes 3/4(10ft)	5.00
stainless tap	3.00
vent cowl	1.00
3/4 CPVC ball valve	2.00
Two new toilets and 3 urinals and water connection Toilet wash area and drinking water all fitting charges Plumbing Charges Lumpsum -fixing all plumbing , sanitary ietms , All pipes concealing in to walls and floor area.	
<u>ELECTRICAL ITEMS</u>	
Providing & fixing electrical items as per electrical points and PVC pipes and M S boxes Concealing pipes into the wall offers them a	
Pvc pipes -19mm-10ft	5.00
2.5 sq mm wire - Finolex Brand	1.00
Electrical pvc 1Module water proof Gang box with switches	1.00
Angle holders	1.00
pvc elbo	5.00
Pvc tape	1.00
Pvc Junctin boxes	5.00
Gi clamps(1 packet	1.00
screws(1/2)inch	1.00
Philips led Bulbs	1.00
Labour charges -Lumpsum charges	1.00

Providing & laying 4 feet diameter 1 feet height cement rings and grouted with fine sand mix including well rammed, finishing the top smooth - With cement concrete 1:2:4, 12.5mm aggregates, 50mm thickness ,including Transportation , Labour cost ect .	
	6.00
Providing & laying 4 feet diameter cement rings cap and grouted with fine sand mix including well rammed, finishing the top smooth - With cement concrete 1:2:4, 12.5mm aggregates, laid 75mm thickness ,including Transportation , Labour cost ect .	1.00
circular pit earth work	1.00
ROOFING WORKS	
Providing & fixing trapezoidal Pre painted Galvalume (PPGI-120 GSM-550MPA) sheets with metal sealed EPG10 colour coats system - 0.5mm CRIL or TATA ,JINDHAL,JSW or Equivalent Brand ,Including Transportation ,Materia shifting , Labour cost etc	
Toilet	1.00
Providing & fixing Square pipes -40mm *40mm , Pre painted Galvalume Pre painted (PPGI--120GSM-350MPA) 4mm .TATA ,JSW, EVEREST or Equivalent Brand ,Conveyance of all materials , Labour cost ect .	
Toilet	2.00
Soap hangers	1.00
Sanitizer Dispenser wall Mounted (Foot operated)	1.00
Soap boxes	1.00
door lock pads	1.00
Dustbin	1.00
Providing and arranging water buckets (20lit) with Mugs in toilets ,Conveyance of all materials,Labour cost etc. Chaten plast or equavalent brand	1.00

Grand Total Total (Rs)	
<i>IN WORDS.</i>	
Note : The quantites indicated are based on estimation ,which may vary i	
water Curing to be done on the contractor side	
The work should be completed as directed by the Engineer -in -charge	
Use only mentioned material brands in work execution ,Equivalent brand	
Cement -53 Grade ULTRATECH or Equivalent brand	
Steel -500D ,TATA or VIZAG Steel or Equivalent Brand	
Contractor has to submit the Bills of authorised dealers from whom proc	
	has been mentione

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Lenth (M)	Breath (M)	Height/Dept h (M)	Quantity	Unit	Rate (RS)
3.35	0.61	0.61	1.25	CUM	
2.13	0.61	0.61	1.59	CUM	
3.35	0.61	0.10	0.20	CUM	
2.13	0.61	0.10	0.26	CUM	
3.35	0.61	0.61	1.25	CUM	
2.13	0.61	0.61	1.59	CUM	

2.74	0.15	2.74	1.15	CUM	
1.37	0.15	2.74	1.15	CUM	
2.74	2.74		7.52	SQM	
1.37	2.74		7.52	SQM	
2.44	1.22		2.97	SQM	
1.22	2.74		6.69	SQM	
			24.71	SQM	
0.61	1.83		2.23	SQM	
			22.48	SQM	
2.44	1.37		3.34	SQM	

2.08	1.52		6.34	SQM	
1.40	1.52		4.25	SQM	
0.61	1.83		2.23	SQM	
			8.37	SQM	
2.13	1.22		2.60	SQM	
2.01	0.61		30.00	KGS	
2.74	2.74		15.05	Sq.m	
1.52	1.52		4.64	Sq.m	
2.44	1.22		5.95	Sq.m	
1.37	1.22		3.34	Sq.m	
			28.98	Sq.m	

0.76	1.22		1.86	Sq.m	
			27.13	Sq.m	
			1.00	NO,S	
			2.00	NO,S	
			1.00	NO,S	
			1.00	NO,S	
			1.00	NO,S	
			1.00	NO,S	
			5.00	NO,S	
			5.00	NO,S	
			3.00	NO,S	
			3.00	NO,S	
			4.00	NO,S	
			1.00	NO,S	

			2.00	NO,S	
			2.00	NO,S	
			5.00	NO,S	
			3.00	NO,S	
			1.00	NO,S	
			2.00	NO'S	
			5.00	NO'S	
			90M	NO'S	
			8.00	NO'S	
			8.00	NO'S	
			10.00	NO'S	
			3.00	NO'S	
			10.00	NO'S	
			1.00	NO'S	
			1.00	NO'S	
			8.00	NO'S	
			1.00	NO'S	

			6.00	No;s	
			1.00	No's	
			7.00	cum	
3.05	1.83		5.57	SQM	
4.88			25.00	KGS	
			1.00	NO.S	
			1.00	NO.S	
			1.00	NO.S	
			1.00	NO.S	
			1.00	NO.S	
			1.00	NO,S	

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upward or downward during execution					
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Is must approve by Engineering incharge or site engineer					
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Measurement of material is done by contractor in respect for the basic rate d in the Price Bid					
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Amount (RS)

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Name of work: KISTARE

Sl No	Item No.
1	<u>FL.01</u>
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3	1
4	2
5	3
6	4
7	5
8	6
9	
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11	1
12	2
13	3
14	4
15	5

16	6
17	7
18	8
19	9
20	
21	1
22	<u>DR.02</u>
23	
24	1
25	<u>PLM.03</u>
26	
27	
28	7
29	8
30	9

31	10
32	<u>El.4</u>
33	
34	1
35	2
36	3
37	4
38	5
39	6
40	7
41	8
42	9
43	10
44	11
45	<u>INC.5</u>
46	
47	1
48	2
49	3
50	4
51	5
52	6
53	7
54	<u>NVM.6</u>
55	

56	1
58	3
59	4
60	5
61	6
62	7
63	8
64	<u>PNW.7</u>
65	
66	
67	1
68	2
69	3
70	4
73	
74	1
75	
76	<u>IEC .8</u>
77	
78	
79	<u>DWB.9</u>

80	
81	1
82	2
83	3
84	4
85	5
86	6
87	14
88	<u>10</u>
89	
90	1
91	<u>PCC.11</u>
92	
93	1
94	<u>BW.12</u>
95	
96	1
97	2
98	<u>PL.13</u>

99	
100	1
101	2
102	3
103	4
104	5
111	<u>DWB.15</u>
112	
113	PS .16
114	
115	1
116	2
117	3
118	4
119	5
120	6
121	7
122	8
123	9
124	10
125	11
126	12
127	13
128	14

129	15
130	16
131	<u>SPM.17</u>
132	<u>1</u>
133	<u>2</u>
134	<u>3</u>
135	<u>4</u>
136	<u>5</u>
137	<u>6</u>
138	
139	1
1450	2
141	3
142	4
143	5
144	6
145	7
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Bill of Quantities

GEE (SANDVIK) PROJECT PATAN

DDYPET GOVERNMENT HIGH SCHOOL(RENOVATION WORKS)

Description	No's	Lenth (M)
<u>FLOORING WORKS</u>		
Providing & Existing floor chiping and fixing Anti skid ceramic titles 300x300mm laid on bed of 25mm thick cement mortar 1:3(1 -Cement ,3 -sand) Tile colour white or ivory with Grouting finishing the joints with similar colour of the titles Orient or Equivalent Brand .: - in toilet floors ,Conveyance of all materials, Including transporatation ,Labour cost etc		
Boys toilets	3.00	1.70
Boys urinals	1.00	1.83
Boys urinals area	1.00	1.70
Deduction of doors area	4.00	0.61
Total		
Providing & fixing Wall tiles 250 x 450 mm laid on bed of 25mm thick cement mortar 1:3 (1 -Cement ,3 -sand) tiles colour -blue with Grouting finishing the joints with similar colour of the titles Sonic Gold primium or Equivalent Brand .,Conveyance of all materials , Labour cost etc .		
<u>BOYS TOILETS AND URINALS</u>		
Long walls	4.00	1.70
Short walls	4.00	1.22
Long walls	2.00	1.83
short walls	2.00	1.73
Long walls	2.00	1.83

Short walls	2.00	1.73
Deduction of Doors area	4.00	0.61
Total		
Providing & laying 40 mm thick factory made cement concrete interlocking paver block of approved size, design & shapes -I Dumble ,Zig zag , Milano ,Basil ,Hexagon laid in Red and yellow (Mixing) colour and pattern over and including 20 mm thick compacted bed of coarse sand, filling the joints with fine sand ,,Conveyance of all materials Including transporatation ,Labour cost etc		
	1.00	9.14
<u>DOORS</u>		
Providing & fixing IRON frame with 8 mm steel bars applying zink primer type as per drawing including all accessories, and RCC lintals ,Conveyance of all materials , Labour cost ect .		
Boys toilet and urinals	5.00	0.61
<u>PLUMBING SANITARYWARE</u>		
Providing and fixing Plumbing and sanitary items ,All pipes concealing in to walls , Need to place the pipes in floor as well if required. sanitary items Anexy ,Roxo or Equivalent Brand Pipes -Ashirvad , Prince or astral Equivalent Brand .Conveyance of all materials,Including transporation,Soil excavation and Labour cost etc.		
<u>Fittings for Girls toilet& Boys toilet wash basins</u>		
stainless push button tap	5.00	
taflon tab	3.00	
Providing and arranging water buckets (20lit) with Mugs in toilets ,Conveyance of all materials,Labour cost etc. Chaten plast or equavalent brand	5.00	

Plumbing Charges Lumpsum -fixing all plumbing , sanitary items , All pipes concealing in to walls and floor area		
<u>ELECTRICAL ITEMS</u>		
Providing & fixing electrical items as per electrical points and PVC pipes and M.S boxes Concealing pipes into the wall offers them a measure of security. Wire arrange from near by existing room power facility.		
Pvc pipes -19mm-10ft	10.00	
2.5sq mm wire - Finolex Brand	3.00	
Electrical pvc 4Module water proof Gang box with switches	2.00	
Angle holders	7.00	
pvc elbo	10.00	
Pvc tape	3.00	
Pvc Junction boxes	5.00	
Gi clamps(1 packet	1.00	
screws(1/2)inch	1.00	
Philips led Bulbs	7.00	
Labour charges -Lumpsum charges	1.00	
NAPKIN INCINERATOR ELECTRICAL TYPE & ELECTRICAL ITEMS		
Providing and fixing incinerator electrical type minimum capacity -240 pads per day , Virgo brand or Equavalent Brand ,Conveyance of all materials ,Labour cost etc		
Incinerator electrical type	1.00	
White Plastic 2 Modular Surface Gang Box, for Electric Fitting, Module - 1 Modular Spce PLATE -1	1.00	
4 sq mm wire	1.00	
switch 10A	1.00	
Plug Soacket	1.00	
PVC Pipe -19 mm -10 feet	3.00	
Junction box -4 way ,L bend	2.00	
NAPKIN VENDING MACHINE ELECTRICAL TYPE		
Providing and fixing incinerator electrical type minimum Storage capacity - 30 pads , Virgo brand or Equavalent Brand ,Conveyance of all materials ,Labour cost etc		

Napkin Vending machine electrical type	1.00	
4 sq mm wire	1.00	
switch 10A	1.00	
Plug Soacket	1.00	
PVC Pipe -19 mm -10 feet	3.00	
Junction box -4 way ,L bend	2.00	
vending machine and incinerator fitting Labour charges - Lumpsum charges	1.00	
<u>PAINTING WORK</u>		
Providing and applying emulsion Primer White paint and on surface layer emulsion dark colour paint - Asian paints or Equavalent brands ,Colour as per client choice , for cement, masonry, plaster, two coats on exisitng work and new work ,and removing existing wall paint ,Including transport , material shifting , labour charges etc		
<u>BOYS TOILETS AND URINALS</u>		
Long wall(Exteranal)	2.00	8.69
Long wall(interanal)	2.00	8.38
Shorts wall(Exteranal)	2.00	1.98
Short wall(Interanal)	2.00	1.68
Deductions of door area	5.00	0.61
IEC Wall writings ,Pictures drawing		
Providing and applying ,writing IEC Design and Draw pictures on the wall surface using Enamel type paint - Asian paint or equavalent brand Colour and pictures as per cleint choice ,Including transporation , Material shifting , Labour cost etc.	1.00	2.74
	1.00	3.05
<u>DOOR , WINDOW, BRANDING BOARD COMPONENTS</u>		

Providing & fixing Branding visibility Board aWith Logos , cleint Names stainless steel 4-mm Guage Plate ,design Etching method ,Conveyance of all materials , Labour cost etc.	2.00	0.46
Sanitizer Dispenser wall Mounteted (Foot operated)	3.00	
Toilets ,urinals area cleaning purpose A to B Blocks	7.00	
Soap hangers	7.00	
Door lock pads	12.00	
Dustbins	3.00	
Stainless steel toilet grab bar	1.00	
HAND WASH AREA		
<u>EARTH WORK</u>		
Earthwork in excavation over areas by Man power including levelling and dressing, -soak pit .Contractor should bring the tools.		
Long wall	1.00	3.96
<u>PLAIN CEMENT CONCRETE</u>		
Construct the plain cement concrete 1:4:8 (1 cement : 4 sand : 8 graded crushed rock 40 mm nominal size) .Contractor should manage the transportations and labour charges.		
Long wall	1.00	3.96
<u>BRICK WORK</u>		
Red Bricks size (19cm * 9cm * 9cm)Thikness outre 4" wall ,cement motor 1:4 (1-cement:4-sand)finishing with Smooth finish ,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.Before construct the walls , have to curing the bricks in water at least 60mins.		
Long wall	1.00	3.66
Short wall	2.00	0.51
<u>PLASTER</u>		

Providing & laying 15mm cement plaster on rough side of single Red brick wall in cement mortar 1:3 on (external walls and Internal wall)finishing with Smooth finish ,,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.		
Long wall(external)	1.00	3.35
Long wall(inner)	1.00	3.15
Short wall(extranal)	2.00	0.51
Short wall(inner side)	2.00	0.41
<u>DOOR , WINDOW, BRANDING BOARD COMPONENTS</u>		
Providing & fixing Branding visibility Board aWith Logos , cleint Names stainless steel 4-mm Guage Plate ,design Etching method ,Conveyance of all materials , Labour cost etc.	1.00	0.46
<u>PLUMBING SANITARYWARE</u>		
Providing and fixing Plumbing and sanitary items ,All pipes concealing in to walls , sanitary items Anexy ,Roxo or Equivalent Brand Pipes -Ashirvad , Prince or Equivalent Brand .Conveyance of all materials,Including transporation , Labour cost etc.		
3/4 "CPVC Pipe -10 feet pipe or 3.04mts	8.00	
3/4 Coupling	4.00	
3/4 L bow Plain	10.00	
3/4 Tee pain	6.00	
puship taps	8.00	
Ball Valve	1.00	
CPVC Solution	1.00	
Taflon tap	4.00	
1" End cap	2.00	
Dummy 's	10.00	
75 mm PVC pipe	3.00	
4" Non drop	2.00	
Double lock steel jaalli Plane type	2.00	
45 degrees PVC bend	1.00	

ICHERU

Breath (M)	Height/Depth (M)		Unit	Rate (Rs)	Amount (Rs)
1.22		6.22	SQM		
1.70		3.11	SQM		
1.73		2.94	SQM		
		12.27	SQM		
1.83		4.46	SQM		
		7.81	SQM		
1.52		10.37	SQM		
1.52		7.43	SQM		
1.52		5.57	SQM		
1.52		5.27	SQM		
1.52		5.57	SQM		

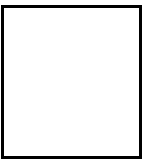
0.76		2.63	SQM		
		36.85	SQM		
1.83		4.46	SQM		
		32.39	SQM		
1.83		16.72	Sqm		
1.83		30.00	KGS		
		5.00	NO,S		
		3.00	NO,S		
		5.00	NO,S		

		10.00	NO'S		
		90M	NO'S		
		2.00	NO'S		
		7.00	NO'S		
		10.00	NO'S		
		3.00	NO'S		
		5.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		7.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		40.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		3.00	NO'S		
		2.00	NO'S		

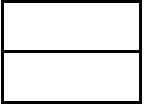
		1.00	NO'S		
		40.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		3.00	NO'S		
		2.00	NO'S		
		1.00	NO'S		
3.05		52.95	SQM		
1.52		25.55	SQM		
3.05		12.08	SQM		
1.83		6.13	SQM		
		96.70	SQM		
1.83		5.57	SQM		
		91.13	SQM		
1.98		5.43	SQM		
1.83		5.57	SQM		

0.46		0.42	sqm		
		3.00	NO'S		
		7.00	NO'S		
		7.00	NO.S		
		12.00	NO'S		
		3.00	NO'S		
0.76	0.30	0.92	CUM		
0.76	0.10	0.30	CUM		
0.10	0.91	0.34	CUM		
0.10	0.91	0.09	CUM		

0.91		3.07	SQM		
0.91		2.88	SQM		
0.91		0.93	SQM		
0.91		0.74	SQM		
		7.62	SQM		
0.46		0.21	sqm		
		8.00	No's		
		4.00	No's		
		10.00	No's		
		6.00	No's		
		8.00	No's		
		1.00	No's		
		1.00	No's		
		4.00	No's		
		2.00	No's		
		10.00	No's		
		3.00	No's		
		2.00	No's		
		2.00	No's		
		1.00	No's		







n the Price Bid

Name of work: ISNAPUI

Sl No	Item No.
1	<u>EW.01</u>
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3	1
4	<u>PCC.02</u>
5	
6	1
7	<u>BW.03</u>
8	
9	1
10	2
11	<u>PL.2</u>

12	
13	1
14	2
15	<u>FL.05</u>
16	
17	1
18	
19	
20	1
21	<u>DR.06</u>

22	
23	1
24	<u>PLM.07</u>
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27	1
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30	4
31	5
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36	10
37	11
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39	13
40	<u>EI.8</u>
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42	1

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45	4
46	5
47	6
48	7
49	8
50	<u>INC.9</u>
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52	1
53	2
54	3
55	4
56	5
57	6
58	7
59	<u>NVM.10</u>
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61	1
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66	6
67	7
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69	<u>PNW.11</u>

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Bill of Quantities

GEE (SANDVIK) PROJECT PATAN

R GOVERNMENT HIGH SCHOOL(RENOVATION WORKS)

Description	No's	Lenth (M)
<u>EARTH WORK</u>		
Earthwork in excavation over areas by Man power including levelling and dressing, -soak pit .Contractor should bring the tools.		
Long wall & short walls	4.00	2.44
<u>PLAIN CEMENT CONCRETE</u>		
Construct the plain cement concrete 1:4:8 (1 cement : 4 sand : 8 graded crushed rock 40 mm nominal size) .Contractor should manage the transportations and labour charges.		
Long wall	4.00	2.44
<u>BRICK WORK</u>		
Red Bricks size (19cm * 9cm * 9cm)Thikness outre 9" wall ,cement motor 1:4 (1-cement:4-sand)finishing with Smooth finish ,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.Before construct the walls , have to curing the bricks in water at least 60mins.		
Boys urinals parition walls	7.00	0.91
Long walls& short walls	4.00	1.83
<u>PLASTER</u>		

Providing & laying 15mm cement plaster on rough side of single Red brick wall in cement mortar 1:3 on (external walls and Internal wall)finishing with Smooth finish ,,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.		
Boys urinals parition walls	14.00	0.91
Long walls& short walls	5.00	1.83
<u>FLOORING WORKS</u>		
Providing & Existing floor chiping and fixing Anti skid ceramic titles 300x300mm laid on bed of 25mm thick cement mortar 1:3(1 -Cement ,3 -sand) Tile colour white or ivory with Grouting finishing the joints with similar colour of the titles Orient or Equivalent Brand .: - in toilet floors ,Conveyance of all materials, Including transporation ,Labour cost etc		
Boys urinals	1.00	7.92
Providing & fixing Wall tiles 250 x 450 mm laid on bed of 25mm thick cement mortar 1:3 (1 -Cement ,3 -sand) tiles colour -blue with Grouting finishing the joints with similar colour of the titles Sonic Gold primium or Equivalent Brand .,Conveyance of all materials , Labour cost etc .		
Providing & laying 40 mm thick factory made cement concrete interlocking paver block of approved size, design & shapes -I Dumble ,Zig zag , Milano ,Basil ,Hexagon laid in Red and yellow (Mixing) colour and pattern over and including 20 mm thick compacted bed of coarse sand, filling the joints with fine sand ,,Conveyance of all materials Including transporation ,Labour cost etc		
boys urinals front side	1.00	9.14
<u>DOORS</u>		

Providing & fixing IRON frame with 8 mm steel bars applying zink primer type as per drawing including all accessories, and RCC lintals ,Conveyance of all materials , Labour cost ect .		
Boys urinals	1.00	0.91
<u>PLUMBING SANITARYWARE</u>		
Providing and fixing Plumbing and sanitary items ,All pipes concealing in to walls , Need to place the pipes in floor as well if required. sanitary items Anexy ,Roxo or Equivalent Brand Pipes -Ashirvad , Prince or astral Equivalent Brand .Conveyance of all materials,Including transporation,Soil excavation and Labour cost etc.		
<u>Fittings for Boys urinals and drainage line</u>		
Urinals(ceramic white with all fittings tap including)	20.00	
wash basins with pedstrel	2.00	
P v c 4" pipes 20ft	10.00	
man hole cover -2' * 2'	2.00	
4" pvc door elbow	10.00	
3/4" cpvc pipe	10.00	
3/4 elbwo	10.00	
3/4 couplers	10.00	
1'cpvc pipe	12.00	
3/4 couplers	20.00	
3/4 elbwo	10.00	
taplantab	3.00	
Plumbing Charges Lumpsum -fixing all plumbing , sanitary ietms , All pipes concealing in to walls and floor area and new tank connection required.	1.00	
<u>ELECTRICAL ITEMS</u>		
Providing & fixing electrical items as per electrical points and PVC pipes and M.S boxes Concealing pipes into the wall offers them a measure of security. Wire arrange from near by existing room power facility.		
Pvc pipes -19mm-10ft	15.00	

2.5 sq mm wire - Finolex Brand	2.00	
Electrical pvc 4 Module water proof Gang box with switches	2.00	
Angle holders	8.00	
Pvc tape	2.00	
Pvc Junctin boxes	10.00	
Philips led Bulbs	4.00	
Labour charges -Lumpsum charges	1.00	
NAPKIN INCINERATOR ELECTRICAL TYPE & ELECTRICAL ITEMS		
Providing and fixing incinerator electrical type minimum capacity -240 pads per day , Virgo brand or Equavalent Brand ,Conveyance of all materials ,Labour cost etc		
Incinerator electrical type	1.00	
White Plastic 2 Modular Surface Gang Box, for Electric Fitting, Module - 1 Moduler Spce PLATE -1	1.00	
4 sq mm wire	1.00	
switch 10A	1.00	
Plug Soacket	1.00	
PVC Pipe -19 mm -10 feet	3.00	
Junction box -4 way ,L bend	2.00	
NAPKIN VENDING MACHINE ELECTRICAL TYPE		
Providing and fixing incinerator electrical type minimum Storage capacity - 30 pads , Virgo brand or Equavalent Brand ,Conveyance of all materials ,Labour cost etc		
Napkin Vending machine electrical type	1.00	
White Plastic 2 Modular Surface Gang Box, for Electric Fitting, Module - 1 Moduler Spce PLATE -1	1.00	
4 sq mm wire	1.00	
switch 10A	1.00	
Plug Soacket	1.00	
PVC Pipe -19 mm -10 feet	3.00	
Junction box -4 way ,L bend	2.00	
vending machine and incinerator fitting Labour charges - Lumpsum charges	1.00	
PAINT WORK		

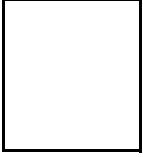
CHERU

Breath (M)	Height/Depth (M)	Quantity	Unit	Rate (Rs)	Amount (Rs)
0.46	0.30	1.36	CUM		
0.46	0.10	0.45	CUM		
0.10	1.22	0.78	CUM		
0.25	1.22	2.26	CUM		

	1.22	15.61	SQM		
1.83		16.72	SQM		
3.96		31.40	SQM		
1.83		16.72	Sqm		

1.83		30.00	KGS		
		20.00	NO,S		
		2.00	NO,S		
		10.00	NO,S		
		2.00	NO,S		
		10.00	NO,S		
		10.00	NO,S		
		10.00	NO,S		
		10.00	NO,S		
		10.00	NO,S		
		12.00	NO,S		
		20.00	NO,S		
		10.00	NO,S		
		3.00	NO,S		
		1.00	NO,S		
		15.00	NO'S		

		90M	NO'S		
		2.00	NO'S		
		8.00	NO'S		
		2.00	NO'S		
		10.00	NO'S		
		4.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		40.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		3.00	NO'S		
		2.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		40.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		3.00	NO'S		
		2.00	NO'S		
		1.00	NO'S		







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Name of work: MUTTAI

Sl No	Item No.
1	<u>FL.01</u>
2	
3	1
4	2
5	3
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7	1
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9	3
10	4
11	5
12	6
13	7
14	8
15	9

16	10
17	<u>DR.02</u>
18	
19	1
20	2
21	<u>RW.03</u>
22	
23	<u>PLM.04</u>
24	
25	
26	1
27	2
28	3
29	4
30	6
31	7
32	8
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34	10
35	11
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38	14
39	15
40	16
41	4
42	18
43	19
44	20
45	21
46	23
47	24
48	25
49	<u>EI.5</u>
50	
51	1
52	2
53	3
54	4
55	5
56	6
57	7
58	8
59	9
60	10
61	11
62	<u>NIEE06</u>

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64	1
65	2
66	3
67	4
68	5
69	6
70	7
73	<u>NVM.07</u>
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75	1
76	2
77	3
78	4
79	5
80	6
81	7
82	8
83	<u>PNW.08</u>
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86	1
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95	1
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103	9
104	10
105	11
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107	12
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110	<u>1</u>
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114	1
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129	1
130	<u>DWB.12</u>
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Bill of Quantities

GEE (SANDVIK) PROJECT PATANG

NGI GOVERNMENT HIGH SCHOOL(RENOVATION WORKS)

Description	No's	Lenth (M)
<u>FLOORING WORKS</u>		
Providing & Existing floor chiping and fixing Anti skid ceramic titles 300x300mm laid on bed of 25mm thick cement mortar 1:3(1 -Cement ,3 -sand) Tile colour white or ivory with Grouting finishing the joints with similar colour of the titles Orient or Equivalent Brand .: - in toilet floors ,Conveyance of all materials, Including transporatation ,Labour cost etc		
Boys toilets open area	1.00	6.86
Girls toilet open area	1.00	9.14
Providing & fixing Wall tiles 250 x 450 mm laid on bed of 25mm thick cement mortar 1:3 (1 -Cement ,3 -sand) tiles colour -blue with Grouting finishing the joints with similar colour of the titles Sonic Gold primum or Equivalent Brand .,Conveyance of all materials , Labour cost etc .		
Girls toilets long walls	4.00	1.07
Girls toilet short walls	4.00	1.07
Boys toilets long walls	4.00	1.52
Boys toilets walls	4.00	1.12
Girls toilet long walls	2.00	1.37
Girls toilets short walls	2.00	1.27
Boys urinals Partition walls	8.00	1.22
Deduction of door areas	5.00	0.76

<u>DOORS</u>		
Providing & fixing IRON frame with 8 mm steel bars applying zink primer type as per drawing including all accessories, and RCC lintals ,Conveyance of all materials , Labour cost ect .		
Boys toilet door	2.00	0.76
Girls toilet door	3.00	0.76
<u>ROOFING WORKS</u>		
Providing & fixing trapezoidal Pre painted Galvalume (PPGI-120 GSM-550MPA) sheets with metal sealed EPG10 colour coats system - 0.5mm CRIL or TATA ,JINDHAL,JSW or Equivalent Brand ,Including Transportation ,Materia shifting , Labour cost etc	1.00	3.35
<u>PLUMBING SANITARYWARE</u>		
Providing and fixing Plumbing and sanitary items ,All pipes concealing in to walls , Need to place the pipes in floor as well if required. sanitary items Anexy ,Roxo or Equivalent Brand Pipes -Ashirvad , Prince or astral Equivalent Brand .Conveyance of all materials,Including transporation,Soil excavation and Labour cost etc.		
<u>Fittings for Girls toilet& Boys toilet wash basins</u>		
wash basins(ceramic white pedestal with wash basin	4.00	
Urinals(ceramic white with all fittings tap including)	4.00	
rock bolts	4.00	
waste couple	4.00	
stainless tap	6.00	
connection pipe	8.00	
Waste pipe	4.00	
Angle value	4.00	
taflon tab	2.00	
CPVC Solution (100ml)	1.00	
3/4 CPvc Coupelars	5.00	

Cpvc elbo	10.00	
3/4 cpvc pipes	6.00	
Cpvc brass elbo	5.00	
75mm pvc pipe	4.00	
Urinal bowls including all Fittings & accessories,(All types of fittings ,reducures ,bends ,2' connection pipe ,angle cock ,push tap , etc	4.00	
75mm pvc elbo	4.00	
PVC solution	1.00	
Double lock steel jaalli Plane type	5.00	
3/4 CPVC ball valve	2.00	
Providing and arranging water buckets (20lit) with Mugs in toilets ,Conveyance of all materials,Labour cost etc. Chaten plast or equavalent brand	5.00	
1 1/2 inch pvc pipe 10ft	1.00	
Plumbing Charges Lumpsum -fixing all plumbing , sanitary ietms , All pipes concealing in to walls and floor area		
<u>ELECTRICAL ITEMS</u>		
Providing & fixing electrical items as per electrical points and PVC pipes and M.S boxes Concealing pipes into the wall offers them a measure of security. Wire arrange from near by existing room power facility.		
Pvc pipes -19mm-10ft	30.00	
2.5 sq mm wire - Finolex Brand	3.00	
Electrical pvc 4Module water proof Gang box with switches	2.00	
Angle holders	5.00	
pvc elbo	10.00	
Pvc tape	3.00	
Pvc Junctin boxes	10.00	
Gi clamps(1 packet	1.00	
screws(1/2)inch	1.00	
Philips led Bulbs	5.00	
Labour charges -Lumpsum charges	1.00	
NAPKIN INCINERATOR ELECTRICAL TYPE & ELECTRICAL ITEMS		

Providing and fixing incinerator electrical type minimum capacity -240 pads per day , Virgo brand or Equavalent Brand ,Conveyance of all materials ,Labour cost etc		
Incinerator electrical type	1.00	
White Plastic 2 Modular Surface Gang Box, for Electric Fitting, Module - 1 Moduler Spce PLATE -1	1.00	
4 sq mm wire	1.00	
switch 10A	1.00	
Plug Soacket	1.00	
PVC Pipe -19 mm -10 feet	3.00	
Junction box -4 way ,L bend	2.00	
NAPKIN VENDING MACHINE ELECTRICAL TYPE		
Providing and fixing incinerator electrical type minimum Storage capacity - 30 pads , Virgo brand or Equavalent Brand ,Conveyance of all materials ,Labour cost etc		
Napkin Vending machine electrical type	1.00	
White Plastic 2 Modular Surface Gang Box, for Electric Fitting, Module - 1 Moduler Spce PLATE -1	1.00	
4 sq mm wire	1.00	
switch 10A	1.00	
Plug Soacket	1.00	
PVC Pipe -19 mm -10 feet	3.00	
Junction box -4 way ,L bend	2.00	
Labour charges -Lumpsum charges	1.00	
PAINT WORK		
Providing and applying emulsion Primer White paint and on surface layer emulsion dark colour paint - Asian paints or Equavalent brands ,Colour as per client choice , for cement, masonry, plaster, two coats on exisitng work and new work ,and removing existing wall paint ,Including transport , material shifting , labour charges etc		
BOYS TOILETS		
Long walls(fornt walls)	2.00	6.71
Long walls(Back walls)	2.00	6.71
Short walls	1.00	3.45

Toilets long walls	1.00	2.84
toilets short walls	5.00	1.75
Deductions of doors area	3.00	0.76
<u>GIRLS TOILET</u>		
long walls extenal	2.00	9.35
long walls internal	2.00	9.04
short walls external	2.00	2.62
short walls internals	2.00	2.31
Toilet long walls external wall	1.00	2.62
short walls external	2.00	1.32
short walls inner walls	2.00	1.09
Girls toilet long wall external	1.00	1.58
Girls toilet long wall internals	1.00	1.35
short walls external	2.00	1.50
short walls internals	1.00	1.27
deductions of doors area	4.00	0.76
IEC Wall writings ,Pictures drawing		
Providing and applying ,writing IEC Design and Draw pictures on the wall surface using Enamel type paint -Asian paint or equivalent brand Colour and pictures as per cleint choice ,Including transporation , Material shifting , Labour cost etc.	1.00	3.05
wall 2	1.00	1.52
<u>DOOR , WINDOW, BRANDING BOARD COMPONENTS</u>		
Providing & fixing Branding visibility Board aWith Logos , cleint Names stainless steel 4-mm Guage Plate ,design Etching method ,Conveyance of all materials , Labour cost etc.	2.00	0.46
Sanitizer Dispenser wall Mounteted (Foot operated)	2.00	
Door lock pads	5.00	
Soap hangers	8.00	

Dustbin	3.00	
Hand wash area		
<u>FLOORING WORKS</u>		
Providing & fixing Wall tiles 250 x 450 mm laid on bed of 25mm thick cement mortar 1:3 (1 -Cement ,3 -sand) tiles colour -blue with Grouting finishing the joints with similar colour of the titles Sonic Gold primium or Equivalent Brand .,Conveyance of all materials , Labour cost etc .		
Long walls	1.00	5.18
Providing & laying 40 mm thick factory made cement concrete interlocking paver block of approved size, design & shapes -I Dumble ,Zig zag , Milano ,Basil ,Hexagon laid in Red and yellow (Mixing) colour and pattern over and including 20 mm thick compacted bed of coarse sand, filling the joints with fine sand ,,Conveyance of all materials Including transporatation ,Labour cost etc		
wash area front	1.00	5.18
<u>DOOR , WINDOW, BRANDING BOARD COMPONENTS</u>		
Providing & fixing Branding visibility Board aWith Logos , cleint Names stainless steel 4-mm Guage Plate ,design Etching method ,Conveyance of all materials , Labour cost etc.	1.00	0.46
Note : The quantites indicated are based on estimation ,which may vary upward		
water Curing to be done on the contractor side		
The work should be completed as directed by the Engineer -in -charge		
Use only mentioned material brands in work execution ,Equivalent brands must		
Cement -53 Grade ULTRATECH or Equivalent brand		

Steel -500D ,TATA or VIZAG Steel or Equivalent Brand		
Contractor has to submit the Bills of authorised dealers from whom procurement of i		

Note : The quantites indicated are based on estimation ,which may vary upward or water Curing to be done on the contractor side		
The work should be completed as directed by the Engineer -in -charge		
Use only mentioned material brands in work execution ,Equivalent brands must ap		
Cement -53 Grade ULTRATECH or Equivalent brand		
Contractor has to submit the Bills of authorised dealers from whom procurement c		

CHERU

Breath (M)	Height/Depth (M)	Quantity	Unit	Rate (Rs)	Amount (Rs)
2.59		17.77	SQM		
2.90		26.47	SQM		
		44.24	SQM		
1.52		6.50	SQM		
1.52		6.50	SQM		
1.52		9.29	SQM		
1.52		6.82	SQM		
1.52		4.18	SQM		
1.52		3.87	SQM		
0.91		8.92	SQM		
		46.08	SQM		
1.52		5.81	SQM		

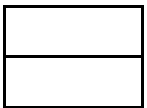
		40.28	SQM		
1.83		30.00	KGS		
1.83		30.00	KGS		
6.86		22.99	SQM		
		4.00	NO,S		
		4.00	NO,S		
		4.00	NO,S		
		4.00	NO,S		
		6.00	NO,S		
		8.00	NO,S		
		4.00	NO,S		
		4.00	NO,S		
		2.00	NO,S		
		1.00	NO,S		
		5.00	NO,S		

		10.00	NO,S		
		6.00	NO,S		
		5.00	NO,S		
		4.00	NO,S		
		4.00	NO,S		
		4.00	NO,S		
		1.00	NO,S		
		5.00	NO,S		
		2.00	NO,S		
		5.00	NO,S		
		1.00	NO,S		
		30.00	NO'S		
		90M	NO'S		
		2.00	NO'S		
		5.00	NO'S		
		10.00	NO'S		
		3.00	NO'S		
		10.00	NO'S		
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		1.00	NO'S		
		5.00	NO'S		
		1.00	NO'S		

		1.00	NO'S		
		1.00	NO'S		
		40.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		3.00	NO'S		
		2.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		40.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		3.00	NO'S		
		2.00	NO'S		
		1.00	NO'S		
2.13		28.61	SQM		
2.44		32.70	SQM		
3.05		10.52	SQM		

2.74		7.80	SQM		
2.74		24.04	SQM		
		103.67	SQM		
1.83		4.18	SQM		
		99.49	SQM		
3.05		56.98	SQM		
3.05		55.12	SQM		
3.05		15.94	SQM		
3.05		14.08	SQM		
3.05		7.97	SQM		
3.05		8.04	SQM		
2.74		5.99	SQM		
3.05		4.80	SQM		
3.05		4.11	SQM		
3.05		9.14	SQM		
3.05		3.87	SQM		
		186.05	SQM		
1.83		5.57	SQM		
		180.48	SQM		
3.05		9.29	SQM		
1.52		2.32	SQM		
0.46		0.42	sqm		
		2.00	NO'S		
		5.00	NO'S		
		8.00	NO.S		

		3.00	NO.S		
1.52		7.90	SQM		
2.44		12.63	SQM		
0.46		0.21	sqm		
or downward during execution					
approve by Engineering incharge or site engineer					





d in the Price Bid



Name of work: AMEENI	
Sl No	Item No.
1	<u>BW.01</u>
2	
3	1
4	2
5	3
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7	<u>PL.02</u>
8	
9	1
10	2
11	3
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13	<u>RF.03</u>

14	
15	<u>FL.04</u>
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17	1
18	2
19	3
20	4
21	5
22	6
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24	1
25	2
26	3
27	4
28	5
29	6
30	7
31	8
32	9

33	10
34	11
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36	1
37	<u>DR.5</u>
38	
39	1
40	2
41	<u>PLM.6</u>
42	
43	
44	1
45	2
46	3
47	4
48	5

49	6
50	7
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61	18
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63	20
64	21
65	22
66	<u>EL-6</u>
67	
68	1
69	2
70	3
73	4
74	5
75	6
76	7
77	8

78	<u>INC.8</u>
79	
80	1
81	2
82	3
83	4
84	5
85	6
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87	<u>NVM.9</u>
88	
89	1
90	2
91	3
92	4
93	5
94	6
95	7
96	8
97	<u>PNW.10</u>
98	

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100	1
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102	3
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116	17
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118	18
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120	<u>IEC .11</u>
121	
122	<u>DWB.12</u>
123	
124	1

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133	1
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137	5
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Bill of Quantities

GEE (SANDVIK) PROJECT PATAN

PUR GOVERNMENT HIGH SCHOOL(RENOVATION WORKS)

Description	No's	Lenth (M)
<u>BRICK WORK</u>		
Red Bricks size (19cm * 19cm * 9cm)Thikness outre 9" wall ,cement motor 1:4 (1-cement:4-sand)finishing with Smooth finish ,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.Before construct the walls , have to curing the bricks in water at least 60mins.		
Long wall	2.00	4.06
Short wall	4.00	1.30
water storage tank basemant	4.00	1.22
<u>PLASTER</u>		
Providing & laying 15mm cement plaster on rough side of single Red brick wall in cement mortar 1:3 on (external walls and Internal wall)finishing with Smooth finish ,,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.		
Long walls	2.00	4.05
Short walls	4.00	0.99
Long walls short walls	4.00	4.44
<u>ROOFING WORKS</u>		

Providing & fixing trapezoidal Pre painted Galvalume (PPGI-120 GSM-550MPA) sheets with metal sealed EPG10 colour coats system - 0.5mm CRIL or TATA ,JINDHAL,JSW or Equivalent Brand ,Including Transportation ,Materia shifting , Labour cost etc	1.00	4.04
<u>FLOORING WORKS</u>		
Providing & Existing floor chiping and fixing Anti skid ceramic titles 300x300mm laid on bed of 25mm thick cement mortar 1:3(1 -Cement ,3 -sand) Tile colour white or ivory with Grouting finishing the joints with similar colour of the titles Orient or Equivalent Brand .: - in toilet floors ,Conveyance of all materials, Including transporatation ,Labour cost etc		
Girls toilet	1.00	1.60
Girls toilet	1.00	1.10
Girls toilet	2.00	1.52
toilets front area	1.00	9.91
Girls urinals	1.00	1.30
Total		
Providing & fixing Wall tiles 250 x 450 mm laid on bed of 25mm thick cement mortar 1:3 (1 -Cement ,3 -sand) tiles colour -blue with Grouting finishing the joints with similar colour of the titles Sonic Gold primium or Equivalent Brand .,Conveyance of all materials , Labour cost etc .		
Long walls	2.00	1.60
Short walls	2.00	1.37
Long walls	2.00	1.10
Short walls	2.00	0.91
Long walls	4.00	1.52
Short walls	4.00	1.22
Girls urins long walls	2.00	1.30
Girls urins short alls	2.00	0.91

DeDUCTIONS(-) of doors	4.00	0.76
Total		
Providing & laying 40 mm thick factory made cement concrete interlocking paver block of approved size, design & shapes -I Dumble ,Zig zag , Milano ,Basil ,Hexagon laid in Red and yellow (Mixing) colour and pattern over and including 20 mm thick compacted bed of coarse sand, filling the joints with fine sand ,,Conveyance of all materials Including transporatation ,Labour cost etc		
wash area front	1.00	3.66
<u>DOORS</u>		
Providing & fixing IRON frame with 8 mm steel bars applying zink primer type as per drawing including all accessories, and RCC lintals ,Conveyance of all materials , Labour cost ect .		
Girls toilet doors	4.00	0.76
Boys toilet door	1.00	7.62
<u>PLUMBING SANITARYWARE</u>		
Providing and fixing Plumbing and sanitary items ,All pipes concealing in to walls , Need to place the pipes in floor as well if required. sanitary items Anexy ,Roxo or Equivalent Brand Pipes -Ashirvad , Prince or astral Equivalent Brand .Conveyance of all materials,Including transporation,Soil excavation and Labour cost etc.		
<u>Fittings for Girls toilet& Boys toilet wash basins</u>		
Urinals(ceramic white with all fittings)	1.00	
Plastic Water tank -3 layer Agarwal brand or Plasto Brand - Capacity 1000 lit with fittings	1.00	
wash basins(ceramic white pedestal with wash basin(Hind ware)	2.00	
indian type commode(525mm*430*200mm)	2.00	
rock bolts	2.00	

waste couple	2.00	
connection pipe	2.00	
Angle value	2.00	
taflon tab	2.00	
CPVC Solution (100ml)	2.00	
3/4 CPvc Coupelars	10.00	
Cpvc elbo	4.00	
3/4 cpvc pipes	15.00	
Cpvc brass elbo	6.00	
75mm pvc pipe	6.00	
100mm non trap	4.00	
75mm pvc elbo	2.00	
Double lock steel jaalli Plane type	3.00	
Providing and arranging water buckets (20lit) with Mugs in toilets ,Conveyance of all materials,Labour cost etc. Chaten plast or equavalent brand	4.00	
1 1/2 inch pvc pipe 10ft	1.00	
1/2 hp motar	1.00	
Plumbing Charges Lumpsum -fixing all plumbing , sanitary ietms , All pipes concealing in to walls and floor area ,total block pulumbing charges		
<u>ELECTRICAL ITEMS</u>		
Providing & fixing electrical items as per electrical points and PVC pipes and M.S boxes Concealing pipes into the wall offers them a measure of security. Wire arrange from near by existing room power facility.		
Pvc pipes -19mm-10ft	10.00	
2.5sq mm wire - Finolex Brand	2.00	
Electrical pvc 4 Module water proof Gang box with switches	2.00	
Angle holders	6.00	
Pvc tape	3.00	
Pvc Junctin boxes	10.00	
Philips led Bulbs	5.00	
Labour charges -Lumpsum charges	1.00	

NAPKIN INCINERATOR ELECTRICAL TYPE & ELECTRICAL ITEMS		
Providing and fixing incinerator electrical type minimum capacity -240 pads per day , Virgo brand or Equavalent Brand ,Conveyance of all materials ,Labour cost etc		
Incinerator electrical type	1.00	
White Plastic 2 Modular Surface Gang Box, for Electric Fitting, Module - 1 Moduler Spce PLATE -1	1.00	
4 sq mm wire	1.00	
switch 10A	1.00	
Plug Soacket	1.00	
PVC Pipe -19 mm -10 feet	3.00	
Junction box -4 way ,L bend	2.00	
NAPKIN VENDING MACHINE ELECTRICAL TYPE		
Providing and fixing incinerator electrical type minimum Storage capacity - 30 pads , Virgo brand or Equavalent Brand ,Conveyance of all materials ,Labour cost etc		
Napkin Vending machine electrical type	1.00	
White Plastic 2 Modular Surface Gang Box, for Electric Fitting, Module - 1 Moduler Spce PLATE -1	1.00	
4 sq mm wire	1.00	
switch 10A	1.00	
Plug Soacket	1.00	
PVC Pipe -19 mm -10 feet	3.00	
Junction box -4 way ,L bend	2.00	
vending machine and incinerator fitting Labour charges - Lumpsum charges	1.00	
PAINT WORK		
Providing and applying emulsion Primer White paint and on surface layer emulsion dark colour paint - Asian paints or Equavalent brands ,Colour as per client choice , for cement, masonry, plaster, two coats on exisitng work and new work ,and removing existing wall paint ,Including transport , material shifting , labour charges etc		

Girls toilets		
Toilet -1 Long walls(External)	1.00	1.83
Toilet -1 Long walls(internals)	2.00	1.60
short wall (extranal)	1.00	1.30
Short wall internals)	2.00	1.07
Toilet-2(external walls)	2.00	1.01
Long walls internal walls	2.00	0.91
short walls external walls	2.00	1.27
Short walls internal walls	2.00	1.07
Toilet-3 and 4(Long walls external)	1.00	3.12
Long walls internal walls	2.00	2.67
short wall external	1.00	1.98
Short wall internals)	4.00	1.98
Boys toilet	2.00	
long walls external walls	2.00	4.57
long wall internals	2.00	4.11
short walls externals	2.00	1.98
short walls internals	6.00	1.52
Deduction of door ares	7.00	0.76
IEC Wall writings ,Pictures drawing		
Providing and applying ,writing IEC Design and Draw pictures on the wall surface using Enamel type paint - Asian paint or equavalent brand Colour and pictures as per cleint choice ,Including transporation , Material shifting , Labour cost etc.	1.00	2.90
<u>DOOR , WINDOW, BRANDING BOARD COMPONENTS</u>		
Providing & fixing Branding visibility Board aWith Logos , cleint Names stainless steel 4-mm Guage Plate ,design Etching method ,Conveyance of all materials , Labour cost etc.	2.00	0.46
Sanitizer Dispenser wall Mounted (Foot operated)	1.00	

ICHERU

Breath (M)	Height/Depth (M)	Quantity	Unit	Rate (Rs)	Amount (Rs)
0.23	0.30	0.57	CUM		
0.23	0.30	0.36	CUM		
0.23	1.22	1.36	CUM		
		2.29	CUM		
0.84		6.80	SQM		
0.84		3.32	SQM		
1.22		21.67	SQM		
		31.79	SQM		

1.83		7.39	SQM		
1.37		2.19	SQM		
0.91		1.00	SQM		
1.22		3.72	SQM		
1.22		12.08	SQM		
0.91		1.18	SQM		
		20.17	SQM		
1.52		4.88	SQM		
1.52		4.18	SQM		
1.52		3.34	SQM		
1.52		2.79	SQM		
1.52		9.29	SQM		
1.52		7.43	SQM		
1.52		3.95	SQM		
1.52		2.79	SQM		
		31.91	SQM		

1.83		5.57	SQM		
		26.34	SQM		
2.13		7.80	SQM		
1.83		30.00	KGS		
1.83		30.00	KGS		
		1.00	NO,S		
	1.00		No.s		
		2.00	NO,S		
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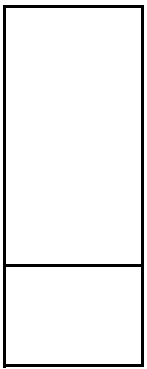
		2.00	NO,S		
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		2.00	NO,S		
		10.00	NO,S		
		2.00	NO,S		
		15.00	NO,S		
		6.00	NO,S		
		6.00	NO,S		
		4.00	NO,S		
		2.00	NO,S		
		3.00	NO,S		
		4.00	NO,S		
		1.00	NO,S		
		1.00	NO,S		
			NO,S		
		10.00	NO'S		
		90M	NO'S		
		2.00	NO'S		
		6.00	NO'S		
		3.00	NO'S		
		10.00	NO'S		
		5.00	NO'S		
		1.00	NO'S		

		1.00	NO'S		
		1.00	NO'S		
		40.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		3.00	NO'S		
		2.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		40.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		3.00	NO'S		
		2.00	NO'S		
		1.00	NO'S		

2.44		4.46	SQM		
2.44		7.80	SQM		
2.44		3.16	SQM		
2.44		5.20	SQM		
2.44		4.95	SQM		
2.44		4.46	SQM		
2.44		6.20	SQM		
2.44		5.20	SQM		
2.44		7.62	SQM		
2.44		13.01	SQM		
2.44		4.83	SQM		
2.44		19.32	SQM		
2.44		22.29	SQM		
2.44		20.07	SQM		
2.44		9.66	SQM		
2.44		22.29	SQM		
		160.52			
1.83		9.75	SQM		
		150.77	SQM		
2.44		7.06	SQM		
0.46		0.42	sqm		
		2.00	NO.S		



3,725.81



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the Price Bid

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Name of work:CHINNA

Sl No	Item No.
1	<u>EW.01</u>
2	
3	1
4	<u>PCC.02</u>
5	
6	1
7	<u>BW.03</u>
8	
9	1
10	<u>PL.4</u>
11	
12	1
13	<u>FL.05</u>

14	
15	1
16	2
17	3
18	
19	1
20	2
21	3
22	4
23	5
24	6
25	<u>DR.06</u>
26	
27	1
28	<u>PLM.07</u>

29	
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31	1
32	2
33	3
34	4
35	6
36	7
37	8
38	8
39	<u>EI.8</u>
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41	1
42	2
43	3
44	4
45	5
46	6
47	7
48	8

73	<u>NIEE11</u>
74	
75	1
76	2
77	3
78	4
79	5
80	6
81	7
82	<u>NVM.12</u>
83	
84	1
85	2
86	3
87	4
88	5
89	6
90	7
91	8
49	<u>PNW.9</u>
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51	
52	1

53	2
54	3
55	4
56	5
57	6
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60	9
61	10
62	11
63	<u>IEC .10</u>
64	
65	<u>DWB.11</u>
66	
67	1
68	2
69	3
70	4
71	5
72	1
73	2
74	3
75	4
76	5
77	6

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KANJERLA MPUPS SCHOOL(RENOVATION WORKS)

Description	No's	Lenth (M)
<u>EARTH WORK</u>		
Earthwork in excavation over areas by Man power including levelling and dressing, -soak pit .Contractor should bring the tools.		
Portition wall	1.00	1.52
<u>PLAIN CEMENT CONCRETE</u>		
Construct the plain cement concrete 1:4:8 (1 cement : 4 sand : 8 graded crushed rock 40 mm nominal size) .Contractor should manage the transportations and labour charges.		
Long wall	1.00	1.52
<u>BRICK WORK</u>		
Red Bricks size (19cm * 9cm * 9cm)Thikness outre 9" wall ,cement motor 1:4 (1-cement:4-sand)finishing with Smooth finish ,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.Before construct the walls , have to curing the bricks in water at least 60mins.		
Portition wall	1.00	1.52
<u>PLASTER</u>		
Providing & laying 15mm cement plaster on rough side of single Red brick wall in cement mortar 1:3 on (external walls and Internal wall)finishing with Smooth finish ,,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.		
Portition wall	2.00	1.52
<u>FLOORING WORKS</u>		

Providing & Existing floor chiping and fixing Anti skid ceramic tiles 300x300mm laid on bed of 25mm thick cement mortar 1:3(1 -Cement ,3 -sand) Tile colour white or ivory with Grouting finishing the joints with similar colour of the titles Orient or Equivalent Brand .: - in toilet floors ,Conveyance of all materials, Including transporatation ,Labour cost etc		
Boys and Girls toilets and urinals	3.00	0.91
	2.00	1.37
Total		
Providing & fixing Wall tiles 250 x 450 mm laid on bed of 25mm thick cement mortar 1:3 (1 -Cement ,3 -sand) tiles colour -blue with Grouting finishing the joints with similar colour of the titles Sonic Gold primium or Equivalent Brand .,Conveyance of all materials , Labour cost etc .		
short walls internal	6.00	0.91
long walls internal	6.00	1.68
short walls	4.00	1.37
Long walls	4.00	1.68
DEDUCTION OF DOORS AREA	5.00	0.61
Total		
DOORS		
Providing & fixing IRON frame with 8 mm steel bars applying zink primer type as per drawing including all accessories, and RCC lintals ,Conveyance of all materials , Labour cost ect .		
Boys and girls toilets and urinals	4.00	0.61
PLUMBING SANITARYWARE		

Providing and fixing Plumbing and sanitary items ,All pipes concealing in to walls , Need to place the pipes in floor as well if required. sanitary items Anexy ,Roxo or Equivalent Brand Pipes -Ashirvad , Prince or astral Equivalent Brand .Conveyance of all materials,Including transporation,Soil excavation and Labour cost etc.		
<u>Fittings for Girls toilet& Boys toilet and drainage line</u>		
Urinals(ceramic white with all fittings tap including)	3.00	
Urinal bowls including all Fittings & accessories,(All types of fittings ,reducures ,bends ,2' connection pipe ,angle cock ,push tap , etc	2.00	
stainless push button taps	4.00	
4" pvc pipe	3.00	
4" pvc door elbow	4.00	
75mm pvc pipe	3.00	
75mm pvc elbwo	3.00	
Plumbing Charges Lumpsum -fixing all plumbing , sanitary ietms , All pipes concealing in to walls and floor area (BLOCK=A)	1.00	
<u>ELECTRICAL ITEMS</u>		
Providing & fixing electrical items as per electrical points and PVC pipes and M.S boxes Concealing pipes into the wall offers them a measure of security. Wire arrange from near by existing room power facility.		
Pvc pipes -19mm-10ft	15.00	
2.5 sq mm wire - Finolex Brand	3.00	
Electrical pvc 4 Module water proof Gang box with switches	1.00	
Angle holders	5.00	
Pvc tape	2.00	
Pvc Junctin boxes	10.00	
Philips led Bulbs	8.00	
Labour charges -Lumpsum charges	5.00	

NAPKIN INCINERATOR ELECTRICAL TYPE & ELECTRICAL ITEMS		
Providing and fixing incinerator electrical type minimum capacity -240 pads per day , Virgo brand or Equavalent Brand ,Conveyance of all materials ,Labour cost etc		
Incinerator electrical type	1.00	
White Plastic 2 Modular Surface Gang Box, for Electric Fitting, Module - 1 Moduler Spce PLATE -1	1.00	
4 sq mm wire	1.00	
switch 10A	1.00	
Plug Soacket	1.00	
PVC Pipe -19 mm -10 feet	3.00	
Junction box -4 way ,L bend	2.00	
NAPKIN VENDING MACHINE ELECTRICAL TYPE		
Providing and fixing incinerator electrical type minimum Storage capacity - 30 pads , Virgo brand or Equavalent Brand ,Conveyance of all materials ,Labour cost etc		
Napkin Vending machine electrical type	1.00	
White Plastic 2 Modular Surface Gang Box, for Electric Fitting, Module - 1 Moduler Spce PLATE -1	1.00	
4 sq mm wire	1.00	
switch 10A	1.00	
Plug Soacket	1.00	
PVC Pipe -19 mm -10 feet	3.00	
Junction box -4 way ,L bend	2.00	
Labour charges -Lumpsum charges	1.00	
PAINT WORK		
Providing and applying emulsion Primer White paint and on surface layer emulsion dark colour paint - Asian paints or Equavalent brands ,Colour as per client choice , for cement, masonry, plaster, two coats on exisitng work and new work ,and removing existing wall paint ,Including transport , material shifting , labour charges etc		
<u>Boys and girls toilets and urinals</u>		
Long walls external	2.00	6.81

Short wallsexternal	2.00	2.13
long walls internal	2.00	6.35
Short walls internal	2.00	1.68
Chainage room		
long walls	2.00	3.96
short walls	2.00	1.55
DEDUCTION OF DOORS	5.00	2.03
Total		
IEC Wall writings ,Pictures drawing		
Providing and applying ,writing IEC Design and Draw pictures on the wall surface using Enamel type paint -Asian paint or equivalent brand Colour and pictures as per cleint choice ,Including transporation , Material shifting , Labour cost etc.	1.00	1.83
<u>DOOR , WINDOW, BRANDING BOARD COMPONENTS</u>		
Providing & fixing Branding visibility Board aWith Logos , cleint Names stainless steel 4-mm Guage Plate ,design Etching method ,Conveyance of all materials , Labour cost etc.	1.00	0.46
Sanitizer Dispenser wall Mounteted (Foot operated)	1.00	
Soap hangers	5.00	
Door lock pads	5.00	
Dustbins	1.00	
Note : The quantites indicated are based on estimation ,which may vary upward		
water Curing to be done on the contractor side		
The work should be completed as directed by the Engineer -in -charge		
Use only mentioned material brands in work execution ,Equivalent brands must		
Cement -53 Grade ULTRATECH or Equivalent brand		
Steel -500D ,TATA or VIZAG Steel or Equivalent Brand		

EARTH WORK

ATANCHERU

Breath (M)	Height/Depth (M)	Quantity	Unit	Rate (Rs)
0.46	0.61	0.42	CUM	
0.46	0.10	0.07	CUM	
0.23	1.52	0.53	CUM	
1.52		4.64	SQM	

1.68		4.60	SQM	
1.68		4.60	SQM	
		9.20	SQM	
1.22		6.69	SQM	
1.22		12.26	SQM	
1.22		6.69	SQM	
1.22		25.64	SQM	
1.52		4.64	SQM	
		20.99	SQM	
1.83		30.00	KGS	

		3.00	NO,S	
		2.00	NO,S	
		4.00	NO,S	
		3.00	NO,S	
		4.00	NO,S	
		3.00	NO,S	
		3.00	NO,S	
		1.00	NO,S	
		15.00	NO'S	
		90M	NO'S	
		2.00	NO'S	
		8.00	NO'S	
		2.00	NO'S	
		10.00	NO'S	
		8.00	NO'S	
		1.00	NO'S	

		1.00	NO'S	
		1.00	NO'S	
		40.00	NO'S	
		1.00	NO'S	
		1.00	NO'S	
		3.00	NO'S	
		2.00	NO'S	
		1.00	NO'S	
		1.00	NO'S	
		40.00	NO'S	
		1.00	NO'S	
		1.00	NO'S	
		3.00	NO'S	
		2.00	NO'S	
		1.00	NO'S	
2.44		33.19	SQM	

2.44		10.40	SQM	
1.22		15.48	SQM	
1.22		4.09	SQM	
		63.16	SQM	
3.05		24.15	SQM	
3.05		9.44	SQM	
		33.60		
0.76		7.75	SQM	
		89.01	SQM	
1.83		3.34	SQM	
0.46		0.21	sqm	
		1.00	NO'S	
		5.00	NO.S	
		5.00	NO'S	
		1.00	NO'S	
or downward during execution				
approve by Engineering incharge or site engineer				

downward during execution				
prove by Engineering incharge or site engineer				
of material is done by contractor in respect for the basic rate ha				

as been mentioned in the Price Bid

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Name of work: POCHAF

Sl No	Item No.
1	<u>EW.01</u>
2	
3	1
4	<u>PCC.02</u>
5	
6	1
7	<u>RMW.03</u>
8	
9	1
10	<u>BW.04</u>
11	
12	1
13	2

14	3
15	4
16	5
17	6
18	<u>PL.05</u>
19	
20	1
21	2
22	3
23	4
24	5
25	<u>FL.06</u>
26	
27	<u>1</u>
28	
29	1
30	2

31	3
32	<u>DR.07</u>
33	
34	1
35	<u>PLM.08</u>
36	
37	
38	1
39	2
40	3
41	4
42	5
43	6
44	7
45	8
46	9
47	10
48	11
49	12
50	13
51	14
52	15
53	16

54	17
55	18
56	19
57	20
58	<u>El.9</u>
59	
60	1
61	2
62	3
63	4
64	5
65	6
66	7
67	8
68	9
69	10
70	11
73	<u>NIEE11</u>
74	
75	1
76	2
77	3
78	4
79	5

80	6
81	7
82	<u>NVM.12</u>
83	
84	1
85	2
86	3
87	4
88	5
89	6
90	7
91	8
71	<u>PNW.10</u>
72	
73	
74	1
75	2
76	3
77	4
78	
79	1
80	2
81	3
82	<u>IEC .11</u>

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Bill of Quantities

GEE (SANDVIK) PROJECT PAT

RAM GOVERNMENT MPUPS SCHOOL (RENOVATION WORKS)

Description	No's	Lenth (M)
<u>EARTH WORK</u>		
Earthwork in excavation over areas by Man power including levelling and dressing, -soak pit .Contractor should bring the tools.		
Long wall	1.00	3.56
<u>PLAIN CEMENT CONCRETE</u>		
Construct the plain cement concrete 1:4:8 (1 cement : 4 sand : 8 graded crushed rock 40 mm nominal size) .Contractor should manage the transportations and labour charges.		
long wall	1.00	3.56
<u>RR MASONRY WORK</u>		
RR Masonry work including matrials and labour charges and transportations1:6(1 cement 6 sand)		
Short walls	1.00	3.56
<u>BRICK WORK</u>		
Red Bricks size (19cm * 9cm * 9cm)Thikness outre 9" wall ,cement motor 1:4 (1-cement:4-sand)finishing with Smooth finish ,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.Before construct the walls , have to curing the bricks in water at least 60mins.		
Outer wall	1.00	3.56
Boys and girls toilets and urinals hight increase walls		

long walls	2.00	9.14
Short walls	2.00	1.78
middle short walls	5.00	1.98
<u>PLASTER</u>		
Providing & laying 15mm cement plaster on rough side of single Red brick wall in cement mortar 1:3 on (external walls and Internal wall)finishing with Smooth finish ,,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.		
outer wall	2.00	3.56
long walls	4.00	9.14
short walls	4.00	1.78
middle walls	6.00	1.98
Total		
<u>FLOORING WORKS</u>		
Providing & Existing floor chiping and fixing Anti skid ceramic titles 300x300mm laid on bed of 25mm thick cement mortar 1:3(1 -Cement ,3 -sand) Tile colour white or ivory with Grouting finishing the joints with similar colour of the titles Orient or Equivalent Brand .: - in toilet floors ,Conveyance of all materials, Including transporation ,Labour cost etc		
Girls toilet area	1.00	2.84
Providing & laying 40 mm thick factory made cement concrete interlocking paver block of approved size, design & shapes -I Dumble ,Zig zag , Milano ,Basil ,Hexagon laid in Red and yellow (Mixing) colour and pattern over and including 20 mm thick compacted bed of coarse sand, filling the joints with fine sand ,,Conveyance of all materials Including transporation ,Labour cost etc		
Toilets front area	1.00	10.52
Toilets front area	1.00	5.54

Total		
<u>DOORS</u>		
Providing & fixing IRON frame with 8 mm steel bars applying zink primer type as per drawing including all accessories, and RCC lintals ,Conveyance of all materials , Labour cost ect .		
Boys and girls toilets and urinals	6.00	2.01
<u>PLUMBING SANITARYWARE</u>		
Providing and fixing Plumbing and sanitary items ,All pipes concealing in to walls , Need to place the pipes in floor as well if required. sanitary items Anexy ,Roxo or Equivalent Brand Pipes -Ashirvad , Prince or astral Equivalent Brand .Conveyance of all materials,Including transporation,Soil excavation and Labour cost etc.		
<u>Fittings for Girls toilet& Boys toilet wash basin</u>		
Urinals(ceramic white with all fittings tap including)(Hindware)	3.00	
wash basins(ceramic white pedestal with wash basin(cera)	2.00	
Urinal bowls including all Fittings & accessories,(All types of fittings ,reducures ,bends ,2' connection pipe ,angle cock ,push tap , etc(hindware)	3.00	
Cpvc pipes 3/4(10ft)	4.00	
taflon tab	1.00	
CPVC Solution (90g)	1.00	
Cpvc elbo(3/4)	4.00	
Cpvc brass elbo	2.00	
75mm pvc pipe	3.00	
100mm non trap	3.00	
75mm pvc elbo	2.00	
PVC solution 1lit	1.00	
v-tap	1.00	
100mm pvc pipes 10ft	1.00	
stainless tap	8.00	
4inch pvc elbo	2.00	

3/4 CPVC ball valve	1.00	
Providing and arranging water buckets (20lit) with Mugs in toilets ,Conveyance of all materials,Labour cost etc. Chaten plast or equivalent brand	5.00	
1 1/2 inch pvc pipe 10ft	1.00	
Plumbing Charges Lumpsum -fixing all plumbing , sanitary items , All pipes concealing in to walls and floor area		
<u>ELECTRICAL ITEMS</u>		
Providing & fixing electrical items as per electrical points and PVC pipes and M.S boxes Concealing pipes into the wall offers them a measure of security. Wire arrange from near by existing room power facility.		
Pvc pipes -19mm-10ft	10.00	
2.5sq mm wire - Finolex Brand	2.00	
Electrical pvc 1Module water proof Gang box with switches	2.00	
Angle holders	4.00	
pvc elbo	10.00	
Pvc tape	3.00	
Pvc Junction boxes	10.00	
Gi clamps(1 packet	1.00	
screws(1/2)inch	1.00	
Philips led Bulbs	4.00	
Labour charges -Lumpsum charges (Total all toilets-)		
NAPKIN INCINERATOR ELECTRICAL TYPE & ELECTRICAL ITEMS		
Providing and fixing incinerator electrical type minimum capacity -240 pads per day , Virgo brand or Equivalent Brand ,Conveyance of all materials ,Labour cost etc		
Incinerator electrical type	1.00	
White Plastic 2 Modular Surface Gang Box, for Electric Fitting, Module - 1 Modular Spce PLATE -1	1.00	
4 sq mm wire	1.00	
switch 10A	1.00	
Plug Socket	1.00	

PVC Pipe -19 mm -10 feet	3.00	
Junction box -4 way ,L bend	2.00	
NAPKIN VENDING MACHINE ELECTRICAL TYPE		
Providing and fixing incinerator electrical type minimum Storage capacity - 30 pads , Virgo brand or Equavalent Brand ,Conveyance of all materials ,Labour cost etc		
Napkin Vending machine electrical type	1.00	
White Plastic 2 Modular Surface Gang Box, for Electric Fitting, Module - 1 Moduler Spce PLATE -1	1.00	
4 sq mm wire	1.00	
switch 10A	1.00	
Plug Soacket	1.00	
PVC Pipe -19 mm -10 feet	3.00	
Junction box -4 way ,L bend	2.00	
Labour charges -Lumpsum charges	1.00	
PAINT WORK		
Providing and applying emulsion Primer White paint and on surface layer emulsion dark colour paint - Asian paints or Equavalent brands ,Colour as per client choice , for cement, masonry, plaster, two coats on exisitng work and new work ,and removing existing wall paint ,Including transport , material shifting , labour charges etc		
<u>Boys and girls toilets and urinals</u>		
long walls external walls	2.00	9.14
short walls external walls	2.00	1.98
long walls internal walls	2.00	8.94
short walls internal walls	2.00	1.78
Deductions(-)		
Boys toilets doors	4.00	2.01
Total		
IEC Wall writings ,Pictures drawing		

Use only mentioned material brands in work execution ,Equivalent brands must		
Cement -53 Grade ULTRATECH or Equivalent brand		
Steel -500D ,TATA or VIZAG Steel or Equivalent Brand		
Contractor has to submit the Bills of authorised dealers from whom procurement of n		

ANCHERU

Breath (M)	Height/Depth (M)	Quantity	Unit	Rate (Rs)	Amount (Rs)
0.61	0.61	1.32	CUM		
0.61	0.10	0.22	CUM		
0.61	0.61	1.32	CUM		
0.23	2.13	1.73	CUM		

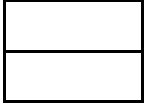
0.23	0.46	1.91	CUM		
0.23	0.46	0.37	CUM		
0.23	0.46	1.04	CUM		
		2.28	CUM		
2.13		15.18	SQM		
0.46		16.72	SQM		
0.46		3.25	SQM		
1.14		13.59	SQM		
		35.15	SQM		
1.78		5.05	SQM		
0.76		8.01	SQM		
2.77		15.33	SQM		

		23.34	SQM		
0.76		30.00	KGS		
		3.00	NO,S		
		2.00	NO,S		
		3.00	NO,S		
		4.00	NO,S		
		1.00	NO,S		
		1.00	NO,S		
		4.00	NO,S		
		2.00	NO,S		
		3.00	NO,S		
		3.00	NO,S		
		2.00	NO,S		
		1.00	NO,S		
		1.00	NO,S		
		1.00	NO,S		
		8.00	NO,S		
		2.00	NO,S		

		1.00	NO'S		
		5.00	NO,S		
		1.00	NO,S		
		10.00	NO'S		
		2.00	NO'S		
		2.00	NO'S		
		4.00	NO'S		
		10.00	NO'S		
		3.00	NO'S		
		10.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		4.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		40.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		

		3.00	NO'S		
		2.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		40.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		3.00	NO'S		
		2.00	NO'S		
		1.00	NO'S		
2.90		52.95	SQM		
2.90		11.47	SQM		
1.68		29.97	SQM		
1.68		5.96	SQM		
		100.35			
0.76		6.11	SQM		
		94.24	SQM		

approve by Engineering incharge or site engineer					
material is done by contractor in respect for the basic rate has					



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Name of work: PASHAN

Sl No	Item No.
1	<u>DR.1</u>
2	
3	1
4	2
5	3
6	<u>PLM.2</u>
7	
8	1
9	2
10	3
11	4
12	5
13	6
14	7
15	8
16	9

17	10
18	11
19	12
20	13
21	14
22	15
23	16
24	17
25	18
26	19
27	<u>3</u>
28	
29	1
30	2
31	3
32	4
33	5
34	6
35	7
36	8
37	<u>PNW.4</u>
38	

39	1
40	2
41	3
42	4
43	5
44	6
45	7
46	<u>IEC .5</u>
47	
73	<u>NIEE11</u>
74	
75	1
76	2
77	3
78	4
79	5
80	6
81	7
82	<u>NVM.12</u>
83	
84	1
85	2
86	3
87	4
88	5

89	6
90	7
91	8
117	<u>PN.10</u>
118	1
119	1
120	2
121	3
122	4
123	5
124	6
125	7
126	8
127	9
128	10
129	
130	1
131	2
132	3
134	4
135	5
136	6
137	7

189	1
190	2
191	3
192	4
193	5
194	6
195	7
196	
182	

Bill of Quantities

GEE (SANDVIK) PROJECT PAT

MAILARAM GOVERNMENT HIGH SCHHOL (RENOVATION WORKS)

Description	No's	Lenth (M)
<u>DOORS</u>		
Providing & fixing IRON frame with 8 mm steel bars applying zink primer type as per drawing including all accessories, and RCC lintals ,Conveyance of all materials , Labour cost ect .		
Girls toilets doors	2.00	0.61
Boys toilet main door	1.00	0.61
Boys toilet doors	2.00	0.61
<u>PLUMBING SANITARYWARE</u>		
Providing and fixing Plumbing and sanitary items ,All pipes concealing in to walls , Need to place the pipes in floor as well if required. sanitary items Anexy ,Roxo or Equivalent Brand Pipes -Ashirvad , Prince or astral Equivalent Brand .Conveyance of all materials,Including transporation,Soil excavation and Labour cost etc.		
wash basins(ceramic white pedestal with wash basin(hindware)	2.00	
rock bolts	2.00	
waste couple	2.00	
Piller cock	2.00	
connection pipe	2.00	
Angle valve	2.00	
taflon tab	1.00	
CPVC Solution (100ml)	1.00	
3/4 CPvc Coupelars	2.00	

Cpvc elbo	4.00	
3/4 cpvc pipes	2.00	
Cpvc brass elbo	2.00	
75mm pvc pipe	1.00	
100mm non trap	2.00	
75mm pvc elbo	2.00	
Double lock steel jaalli Plane type	2.00	
Providing and arranging water buckets (20lit) with Mugs in toilets ,Conveyance of all materials,Labour cost etc. Chaten plast or equavalent brand	4.00	
1 1/2 inch pvc pipe 10ft	1.00	
Plumbing Charges Lumpsum -fixing all plumbing , sanitary ietms , All pipes concealing in to walls and floor area	4.00	
<u>ELECTRICAL ITEMS</u>		
Providing & fixing electrical items as per electrical points and PVC pipes and M.S boxes Concealing pipes into the wall offers them a measure of security. Wire arrange from near by existing room power facility.		
Pvc pipes -19mm-10ft	7.00	
1 sq mm wire - Finolex Brand	1.00	
Electrical pvc 4 Module water proof Gang box with switches	2.00	
Angle holders	4.00	
Pvc tape	3.00	
Pvc Junctin boxes	10.00	
Philips led Bulbs	4.00	
Labour charges -Lumpsum charges	1.00	
PAINT WORK		
Providing and applying emulsion Primer White paint and on surface layer emulsion dark colour paint - Asian paints or Equavalent brands ,Colour as per client choice , for cement, masonry, plaster, two coats on exisitng work and new work ,and removing existing wall paint ,Including transport , material shifting , labour charges etc		

Long walls external	2.00	4.72
long walls internal\	1.00	4.50
short wall 4external	1.00	4.44
short wall internal	1.00	4.44
toilet external walls walls	1.00	3.89
Toilet internal walls	1.00	3.89
toilet ininside walls	1.00	1.68
IEC Wall writings ,Pictures drawing		
Providing and applying ,writing IEC Design and Draw pictures on the wall surface using Enamel type paint - Asian paint or equavalent brand Colour and pictures as per cleint choice ,Including transporation , Material shifting , Labour cost etc.	1.00	2.90
NAPKIN INCINERATOR ELECTRICAL TYPE & ELECTRICAL ITEMS		
Providing and fixing incinerator electrical type minimum capacity -240 pads per day , Virgo brand or Equavalent Brand ,Conveyance of all materials ,Labour cost etc		
Incinerator electrical type	1.00	
White Plastic 2 Modular Surface Gang Box, for Electric Fitting, Module - 1 Moduler Spce PLATE -1	1.00	
4 sq mm wire	1.00	
switch 10A	1.00	
Plug Soacket	1.00	
PVC Pipe -19 mm -10 feet	3.00	
Junction box -4 way ,L bend	2.00	
NAPKIN VENDING MACHINE ELECTRICAL TYPE		
Providing and fixing incinerator electrical type minimum Storage capacity - 30 pads , Virgo brand or Equavalent Brand ,Conveyance of all materials ,Labour cost etc		
Napkin Vending machine electrical type	1.00	
White Plastic 2 Modular Surface Gang Box, for Electric Fitting, Module - 1 Moduler Spce PLATE -1	1.00	
4 sq mm wire	1.00	
switch 10A	1.00	
Plug Soacket	1.00	

PVC Pipe -19 mm -10 feet	3.00	
Junction box -4 way ,L bend	2.00	
Labour charges -Lumpsum charges	1.00	
<u>PAINTING WORK</u>		
Providing and applying emulsion Primer White paint and on surface layer emulsion dark colour paint - Asian paints ,or Equavalent brands ,Colour as per cleint choice , for cement, masonry, plaster, two coats on exisitng work and new work ,and removing existing wall paint ,Including transport , material shifting , labour charges etc		
Long walls(external)	1.00	2.64
Long wall (internal)	2.00	2.44
Short walls	5.00	1.52
Deduction of doors	2.00	0.76
Total		
Sanitizer Dispenser wall Mounted (Foot operated)	1.00	
Soap boxes	4.00	
door lock pads	1.00	
Dustbin	2.00	
Note : The quantites indicated are based on estimation ,which may vary upward		
water Curing to be done on the contractor side		
The work should be completed as directed by the Engineer -in -charge		
Use only mentioned material brands in work execution ,Equivalent brands must		
Cement -53 Grade ULTRATECH or Equivalent brand		
Steel -500D ,TATA or VIZAG Steel or Equivalent Brand		
Contractor has to submit the Bills of authorised dealers from whom procurement of		

Note : The quantities indicated are based on estimation ,which may vary upward

water Curing to be done on the contractor side

The work should be completed as directed by the Engineer -in -charge

Use only mentioned material brands in work execution ,Equivalent brands must

Cement -53 Grade ULTRATECH or Equivalent brand

Steel -500D ,TATA or VIZAG Steel or Equivalent Brand

Contractor has to submit the Bills of authorised dealers from whom procurement of

PANCHERU

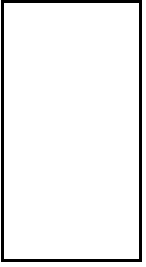
Breath (M)	Height/Depth (M)	Quantity	Unit	Rate (Rs)	Amount (Rs)
1.83		30.00	KGS		
1.83		50.00	KGS		
1.83		30.00	KGS		
		2.00	NO,S		
		2.00	NO,S		
		2.00	NO,S		
		2.00	NO,S		
		2.00	NO,S		
		2.00	NO,S		
		1.00	NO,S		
		1.00	NO,S		
		2.00	NO,S		

		2.00	NO,S		
		2.00	NO,S		
		2.00	NO,S		
		1.00	NO,S		
		2.00	NO,S		
		2.00	NO,S		
		2.00	NO,S		
		4.00	NO,S		
		1.00	NO,S		
			NO,S		
		7.00	NO'S		
		90M	NO'S		
		2.00	NO'S		
		4.00	NO'S		
		3.00	NO'S		
		10.00	NO'S		
		4.00	NO'S		
		1.00	NO'S		

3.20		30.24	SQM		
1.68		7.54	SQM		
3.61		16.02	SQM		
2.70		12.02	SQM		
3.61		14.01	SQM		
1.22		4.74	SQM		
1.68		2.81	SQM		
		87.37	SQM		
2.44		7.06	SQM		
		1.00	NO'S		
		1.00	NO'S		
		40.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		3.00	NO'S		
		2.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		40.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		

		3.00	NO'S		
		2.00	NO'S		
		1.00	NO'S		
3.05		8.05	SQM		
3.05		14.86	SQM		
3.05		23.22	SQM		
		46.14	SQM		
1.83		2.79	SQM		
		43.35	SQM		
		2.00	NO.S		
		4.00	NO.S		
		2.00	NO.S		
		4.00	NO.S		
or downward during execution					
approve by Engineering incharge or site engineer					
material is done by contractor in respect for the basic rate					

or downward during execution					
approve by Engineering incharge or site engineer					
material is done by contractor in respect for the basic rate					



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Name of work: GHANA

Sl No	Item No.
1	<u>FL.01</u>
2	
3	1
4	2
5	3
6	4
7	5
8	6
9	
10	1
11	2
12	3
13	4
14	5
15	7

16	8
17	<u>DR.02</u>
18	
19	1
20	<u>PLM.03</u>
21	
22	
23	1
24	2
25	1
26	2
27	3
28	4
29	5
30	6
31	7
32	8
33	9
34	10
35	<u>EI.04</u>

36	
37	1
38	2
39	3
40	4
41	5
42	6
43	7
44	8
45	9
46	10
47	11
48	<u>NIEE05</u>
49	
50	1
51	2
52	3
53	4
54	5
55	6
56	7
57	<u>NVM.06</u>
58	
59	1

60	2
61	3
62	4
63	5
64	6
65	7
66	8
67	<u>PNW.07</u>
68	
69	
70	1
73	2
74	3
75	4
76	5
77	6
78	7
79	
80	<u>EW.08</u>
81	
82	1
83	2
84	
85	<u>PCC.09</u>

86	
87	1
88	2
89	3
90	<u>RMW.10</u>
91	
92	1
93	2
94	
95	<u>BW.11</u>
96	
97	1
98	2
99	3
100	4
101	
102	<u>PL.12</u>
103	
104	1
105	2
106	3
107	
108	4
109	
110	<u>FL.13</u>

111	
112	1
113	
114	1
115	2
116	3
117	7
118	
119	1
120	2
121	3
122	<u>RF.14</u>

123	
124	1
125	
126	<u>DR.15</u>
127	
128	1
129	2
130	<u>EI.16</u>
131	
132	1
133	2
134	3
135	4
136	5
137	6
138	7
139	8
1450	9
141	10
142	11

143	<u>PLM.17</u>
144	
145	
146	1
147	2
148	3
149	4
150	5
151	6
152	7
153	8
154	9
155	10
156	11
157	12
158	13
159	14
160	15
161	16
162	17
163	18
164	19
165	20
166	<u>PW=18</u>

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1
2
3
4
5
6
<u>IEC .19</u>
<u>EW.20</u>
1
<u>PCC.21</u>
1
<u>BW..22</u>

184	
185	1
186	2
187	3
188	
189	<u>PL.23</u>
190	
191	1
192	2
193	3
194	4
195	5

196

197	1
204	<u>IEC .25</u>

205	
206	<u>DWB.26</u>
207	
208	PS .27
209	
210	1
211	2
213	3
214	4
215	5
216	6
217	10
218	12
219	13
220	14
221	15
222	17
223	18
224	19
225	20
226	7
217	8
218	9

219	10
220	6
221	
222	1
223	2
224	3
225	4
226	5
227	6
228	7
229	

PUR GOVERNMENT HIGH SCHOOL (RENOVATION WORKS)

Description	No's	Lenth (M)
<u>FLOORING WORKS</u>		
Providing & Existing floor chiping and fixing Anti skid ceramic titles 300x300mm laid on bed of 25mm thick cement mortar 1:3(1 -Cement ,3 -sand) Tile colour white or ivory with Grouting finishing the joints with similar colour of the titles Orient or Equivalent Brand .: - in toilet floors ,Conveyance of all materials, Including transporatation ,Labour cost etc		
Boys toilet	1.00	1.37
Boys toilet open area	1.00	3.35
Boys toilet open area	1.00	1.83
Deductions(-)(doors)	1.00	1.83
Total		
Providing & fixing Wall tiles 250 x 450 mm laid on bed of 25mm thick cement mortar 1:3 (1 -Cement ,3 -sand) tiles colour -blue with Grouting finishing the joints with similar colour of the titles Sonic Gold primium or Equivalent Brand .,Conveyance of all materials , Labour cost etc .		
Boys toilets	4.00	1.37
Deductions(-)(doors)	1.00	0.79
Total		
Boys urinal area(back wall)	1.00	1.52
boys toilet partistion walls	4.00	0.91

Total		
<u>DOORS</u>		
Providing & fixing IRON frame with 8 mm steel bars applying zink primer type as per drawing including all accessories, and RCC lintals ,Conveyance of all materials , Labour cost ect .		
Boys toilet	1.00	0.76
<u>PLUMBING SANITARYWARE</u>		
Providing and fixing Plumbing and sanitary items ,All pipes concealing in to walls , Need to place the pipes in floor as well if required. sanitary items Anexy ,Roxo or Equivalent Brand Pipes -Ashirvad , Prince or astral Equivalent Brand .Conveyance of all materials,Including transporation,Soil excavation and Labour cost etc.		
<u>Fittings for Girls toilet& Boys toilet wash areas</u>		
Urinal bowls including all Fittings & accessories,(All types of fittings ,reducures ,bends ,2' connection pipe ,angle cock ,push tap , etc(hindware)	2.00	
wash basin with pedastral(hiund ware)	1.00	
stainless taps	2.00	
3/4 cpvc tee	2.00	
taflon tab	1.00	
CPVC Solution (100ml)	1.00	
Cpvc elbo	5.00	
3/4 cpvc pipes	8.00	
Cpvc brass elbo	3.00	
3/4 cpvc coupeler	5.00	
Providing and arranging water buckets (20lit) with Mugs in toilets ,Conveyance of all materials,Labour cost etc. Chaten plast or equavalent brand	1.00	
Plumbing Charges Lumpsum -fixing all plumbing , sanitary ietms , All pipes all taps concealing in to walls and floor area		
<u>ELECTRICAL ITEMS</u>		

Providing & fixing electrical items as per electrical points and PVC pipes and M.S boxes Concealing pipes into the wall offers them a measure of security. Wire arrange from near by existing room power facility.		
Pvc pipes -19mm-10ft	5.00	
1 sq mm wire - Finolex Brand	1.00	
Electrical pvc 4 Module water proof Gang box with switches	1.00	
Angle holders	1.00	
pvc elbo	5.00	
Pvc tape	1.00	
Pvc Junctin boxes	4.00	
Gi clamps(1 packet	1.00	
screws(1/2)inch	1.00	
Philips led Bulbs	1.00	
Labour charges -Lumpsum charges (all conecttions for block =old toilet	1.00	
NAPKIN INCINERATOR ELECTRICAL TYPE & ELECTRICAL ITEMS		
Providing and fixing incinerator electrical type minimum capacity -240 pads per day , Virgo brand or Equavalent Brand ,Conveyance of all materials ,Labour cost etc		
Incinerator electrical type	1.00	
White Plastic 2 Modular Surface Gang Box, for Electric Fitting, Module - 1 Moduler Spce PLATE -1	1.00	
4 sq mm wire	1.00	
switch 10A	1.00	
Plug Soacket	1.00	
PVC Pipe -19 mm -10 feet	3.00	
Junction box -4 way ,L bend	2.00	
NAPKIN VENDING MACHINE ELECTRICAL TYPE		
Providing and fixing incinerator electrical type minimum Storage capacity - 30 pads , Virgo brand or Equavalent Brand ,Conveyance of all materials ,Labour cost etc		
Napkin Vending machine electrical type	1.00	

White Plastic 2 Modular Surface Gang Box, for Electric Fitting, Module - 1 Moduler Spce PLATE -1	1.00	
4 sq mm wire	1.00	
switch 10A	1.00	
Plug Soacket	1.00	
PVC Pipe -19 mm -10 feet	3.00	
Junction box -4 way ,L bend	2.00	
Labour charges -Lumpsum charges	1.00	
PAINT WORK		
Providing and applying emulsion Primer White paint and on surface layer emulsion dark colour paint - Asian paints or Equavalent brands ,Colour as per client choice , for cement, masonry, plaster, two coats on exisitng work and new work ,and removing existing wall paint ,Including transport , material shifting , labour charges etc		
<u>BOYS TOILET</u>		
Boy toilet(internal walls)	4.00	1.37
Boy toilet(external walls)	4.00	1.83
Boy toilet open area(long walls)	2.00	3.73
boys toilet area short walls	2.00	3.96
Deductions(-)(doors)	1.00	1.83
Total		
(new struture)		
<u>EARTH WORK</u>		
Earthwork in excavation over areas by Man power including levelling and dressing, -soak pit .Contractor should bring the tools.		
Long walls	1.00	4.42
short walls	3.00	1.98
<u>PLAIN CEMENT CONCRETE</u>		

Construct the plain cement concrete 1:4:8 (1 cement : 4 sand : 8 graded crushed rock 40 mm nominal size) .Contractor should manage the transportations and labour charges.		
Long walls	1.00	4.42
short walls	3.00	1.98
total		
<u>RR MASONRY WORK</u>		
RR Masonry work including materials and labour charges and transportations 1:6 (1 cement 6 sand)		
Long walls	1.00	4.42
short walls	3.00	1.68
<u>BRICK MASONRY WORK</u>		
Providing & laying First -Class solid cement Brick -18" *6 " *8" - 6" thick ness work in Superstructure above existing walls to all top levels- In cement mortar 1:4 (1-Cement , 4-sand), Including Transportation and Labour cost ect.		
Long walls (back wall)	1.00	4.11
Long walls (front wall)	1.00	4.11
short walls	3.00	1.68
door area deduction	3.00	0.79
<u>PLASTER</u>		
Providing & laying 15mm cement plaster on rough side of single Red brick wall in cement mortar 1:3 on (external walls and Internal wall)finishing with Smooth finish ,,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.		
Long walls (back wall)	1.00	4.11
Long walls (front wall)	2.00	4.11
short walls	7.00	1.68
door area deduction	3.00	0.79
<u>FLOORING WORKS</u>		

Providing & Existing floor chiping and fixing Anti skid ceramic tiles 300x300mm laid on bed of 25mm thick cement mortar 1:3(1 -Cement ,3 -sand) Tile colour white or ivory with Grouting finishing the joints with similar colour of the tiles Orient or Equivalent Brand .: - in toilet floors ,Conveyance of all materials, Including transporatation ,Labour cost etc		
Girls toilets in side	3.00	1.22
Providing & fixing Wall tiles 250 x 450 mm laid on bed of 25mm thick cement mortar 1:3 (1 -Cement ,3 -sand) tiles colour -blue with Grouting finishing the joints with similar colour of the tiles Sonic Gold primum or Equivalent Brand .,Conveyance of all materials , Labour cost etc .		
Girls toilets in side (Long walls)	7.00	1.52
short walls	6.00	1.22
Deduction of Doors area	3.00	1.83
Total		
Providing & laying 40 mm thick factory made cement concrete interlocking paver block of approved size, design & shapes -I Dumble ,Zig zag , Milano ,Basil ,Hexagon laid in Red and yellow (Mixing) colour and pattern over and including 20 mm thick compacted bed of coarse sand, filling the joints with fine sand ,,Conveyance of all materials Including transporatation ,Labour cost etc		
toilet front ares	1.00	5.43
toilet front ares	1.00	1.37
<u>ROOFING WORKS</u>		

Providing & fixing trapezoidal Pre painted Galvalume (PPGI-120 GSM-550MPA) sheets with metal sealed EPG10 colour coats system - 0.5mm CRIL or TATA ,JINDHAL,JSW or Equivalent Brand ,Including Transportation ,Materia shifting , Labour cost etc		
Girls toilets	1.00	4.57
Providing & fixing Square pipes -40mm *40mm , Pre painted Galvalume Pre painted (PPGI--120GSM-350MPA) 4mm .TATA ,JSW, EVEREST or Equivalent Brand ,Conveyance of all materials , Labour cost ect .	2.00	4.57
<u>DOORS</u>		
Providing & fixing IRON frame with 8 mm steel bars applying zink primer type as per drawing including all accessories, and RCC lintals ,Conveyance of all materials , Labour cost ect .		
Girls toilet doors	3.00	0.76
Main Door	1.00	0.91
<u>ELECTRICAL ITEMS</u>		
Providing & fixing electrical items as per electrical points and PVC pipes and M.S boxes Concealing pipes into the wall offers them a measure of security. Wire arrange from near by existing room power facility.		
Pvc pipes -19mm-10ft	5.00	
1.0sq mm wire - Finolex Brand	1.00	
Electrical pvc 4Module water proof Gang box with switches	1.00	
Angle holders	3.00	
pvc elbo	5.00	
Pvc tape	3.00	
Pvc Junctin boxes	5.00	
Gi clamps(1 packet	1.00	
screws(1/2)inch	1.00	
Philips led Bulbs	2.00	
Labour charges -Lumpsum charges	1.00	

<u>PLUMBING SANITARYWARE</u>		
Providing and fixing Plumbing and sanitary items ,All pipes concealing in to walls , Need to place the pipes in floor as well if required. sanitary items Anexy ,Roxo or Equivalent Brand Pipes -Ashirvad , Prince or astral Equivalent Brand .Conveyance of all materials,Including transporation,Soil excavation and Labour cost etc.		
<u>Fittings for Boys toilet& urinals and drainage line</u>		
western toilet (hind ware)	1.00	
Pvc Flush tank	1.00	
indian type commode(525mm*430*200mm)	2.00	
wash basin	1.00	
connection pipe	2.00	
4"inch pvc elbo	6.00	
CPVC Solution (90g)	3.00	
cpvc elbo(3/4)	10.00	
cpvc brass elbo	10.00	
75mm pvc pipe	4.00	
100mm non trap	4.00	
75mm pvc elbo	4.00	
PVC solution 1lit	1.00	
v-tap	2.00	
100mm pvc pipes 10ft	5.00	
cpvc pipes 3/4(10ft)	7.00	
stainless tap	4.00	
vent cowl	1.00	
3/4 CPVC ball valve	1.00	
3 new toilets Plumbing Charges Lumpsum -fixing all plumbing , sanitary ietms , All pipes concealing in to walls and floor area and soil excavation.		
PAINT WORK		

Providing & laying 15mm cement plaster on rough side of single Red brick wall in cement mortar 1:3 on (external walls and Internal wall)finishing with Smooth finish ,,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.		
Long wall back walls(internal and external)	2.00	3.30
Long wall front wall(internal and external)	2.00	3.30
short walls (internal and external)	7.00	1.68
	2.00	5.33
Deduction of Doors area	4.00	1.83
Total		
IEC Wall writings ,Pictures drawing		
Providing and applying ,writing IEC Design and Draw pictures on the wall surface using Enamel type paint -Asian paint or equavalent brand Colour and pictures as per cleint choice ,Including transporation , Material shifting , Labour cost etc.	1.00	5.79
HAND WASH AREA		
<u>EARTH WORK</u>		
Earthwork in excavation over areas by Man power including levelling and dressing, -soak pit .Contractor should bring the tools.		
Long wall	1.00	3.96
<u>PLAIN CEMENT CONCRETE</u>		
Construct the plain cement concrete 1:4:8 (1 cement : 4 sand : 8 graded crushed rock 40 mm nominal size) .Contractor should manage the transportations and labour charges.		
Long wall	1.00	3.96
<u>BRICK WORK</u>		

Red Bricks size (19cm * 9cm * 9cm)Thickness outre 4" wall ,cement motor 1:4 (1-cement:4-sand)finishing with Smooth finish ,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.Before construct the walls , have to curing the bricks in water at least 60mins.		
Long wall	1.00	3.66
Short wall	2.00	0.51
Compund wall increse	1.00	3.66
<u>PLASTER</u>		
Providing & laying 15mm cement plaster on rough side of single Red brick wall in cement mortar 1:3 on (external walls and Internal wall)finishing with Smooth finish ,,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.		
EARTH WORK	1.00	3.66
Long wall(inner)	1.00	3.45
Short wall(extranal)	2.00	0.51
Short wall(inner side)	2.00	0.41
compound wall	2.00	3.66
Providing & laying 40 mm thick factory made cement concrete interlocking paver block of approved size, design & shapes -I Dumble ,Zig zag , Milano ,Basil ,Hexagon laid in Red and yellow (Mixing) colour and pattern over and including 20 mm thick compacted bed of coarse sand, filling the joints with fine sand ,,Conveyance of all materials Including transporatation ,Labour cost etc		
	1.00	3.96
IEC Wall writings ,Pictures drawing		

Providing and applying ,writing IEC Design and Draw pictures on the wall surface using Enamel type paint -Asian paint or equivalent brand Colour and pictures as per cleint choice ,Including transporation , Material shifting , Labour cost etc.	1.00	3.66
<u>DOOR , WINDOW, BRANDING BOARD COMPONENTS</u>		
Providing & fixing Branding visibility Board aWith Logos , cleint Names stainless steel 4-mm Guage Plate ,design Etching method ,Conveyance of all materials , Labour cost etc.	2.00	0.46
<u>PLUMBING SANITARYWARE</u>		
Providing and fixing Plumbing and sanitary items ,All pipes concealing in to walls , sanitary items Anexy ,Roxo or Equivalent Brand Pipes -Ashirvad , Prince or Equivalent Brand .Conveyance of all materials,Including transporation , Labour cost etc.		
3/4 "CPVC Pipe -10 feet pipe or 3.04mts	17.00	
3/4 Coupling	20.00	
3/4 L bow Plain	10.00	
3/4 Tee pain	10.00	
puship taps	8.00	
Ball Valve	2.00	
CPVC Solution	2.00	
Taflon tap	4.00	
1" End cap	4.00	
Dummy 's	4.00	
75 mm PVC pipe	3.00	
Double lock steel jaalli Plane type	2.00	
45 degrees PVC bend	1.00	
L PVC bend	1.00	
Hand wash area.Plumbing Charges Lumpsum -fixing all plumbing , sanitary ietms , All pipes concealing in to walls		
Sanitizer Dispenser wall Mounted (Foot operated)	1.00	
Soap boxes	4.00	
door lock pads	4.00	

Dustbin	2.00	
Providing and arranging water buckets (20lit) with Mugs in toilets ,Conveyance of all materials,Labour cost etc. Chaten plast or equavalent brand	4.00	
Note : The quantites indicated are based on estimation ,which may vary upward o		
water Curing to be done on the contractor side		
The work should be completed as directed by the Engineer -in -charge		
Use only mentioned material brands in work execution ,Equivalent brands must a		
Cement -53 Grade ULTRATECH or Equivalent brand		
Steel -500D ,TATA or VIZAG Steel or Equivalent Brand		
Contractor has to submit the Bills of authorised dealers from whom procurement of n		

ntities

PROJECT PATANCHERU

Breath (M)	Height/Depth (M)	Quantity	Unit	Rate (Rs)	Amount (Rs)
1.37		1.88	SQM		
1.52		5.11	SQM		
1.22		2.23	SQM		
		9.22	SQM		
0.76		1.39	SQM		
		7.83	SQM		
1.22		6.69	SQM		
1.22		0.97	SQM		
		7.65	SQM		
1.22		1.86	SQM		
1.22		4.46	SQM		
		6.32	SQM		

		13.97	SQM		
1.83		30.00	KGS		
		2.00	NO,S		
		1.00	NO,S		
		2.00	NO,S		
		2.00	NO,S		
		1.00	NO,S		
		1.00	NO,S		
		5.00	NO,S		
		8.00	NO,S		
		3.00	NO,S		
		5.00	NO,S		
		1.00	NO,S		

		5.00	NO'S		
		90M	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		5.00	NO'S		
		1.00	NO'S		
		4.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		40.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		3.00	NO'S		
		2.00	NO'S		
		1.00	NO'S		

		1.00	NO'S		
		40.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		3.00	NO'S		
		2.00	NO'S		
		1.00	NO'S		
1.22		6.69	SQM		
2.74		20.07	SQM		
2.74		20.48	SQM		
2.74		21.74	SQM		
		68.97	SQM		
0.76		1.39	SQM		
		67.58	SQM		
0.61	0.61	1.64	CUM		
0.61	0.61	2.21	CUM		
		3.85	CUM		

0.61	0.10	0.27	CUM		
0.61	0.10	0.36	CUM		
		0.64	CUM		
0.61	0.61	1.64	CUM		
0.61	2.74	8.41	CUM		
		10.05	CUM		
0.15	0.91	0.57	CUM		
0.15	2.74	1.72	CUM		
0.15	2.74	2.10	CUM		
0.15	2.74	0.99	CUM		
		3.40	CUM		
2.74		11.29	SQM		
2.59		21.32	SQM		
2.59		30.40	SQM		
		63.01	SQM		
1.83		4.35	SQM		
		58.66	SQM		

1.52		5.57	SQM		
1.22		13.01	SQM		
1.22		8.92	SQM		
0.76		4.18	SQM		
		17.74	SQM		
1.83		9.94	SQM		
2.13		2.93	SQM		
		12.86	SQM		

2.44		11.15	SQM		
2.13		25.00	KGS		
1.83		30.00	KGS		
1.83		50.00	KGS		
		5.00	NO'S		
		90M	NO'S		
		1.00	NO'S		
		2.00	NO'S		
		5.00	NO'S		
		3.00	NO'S		
		5.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		2.00	NO'S		
		1.00	NO'S		

		1.00	NO,S		
		1.00	NO,S		
		2.00	NO,S		
		1.00	NO,S		
		2.00	NO,S		
		6.00	NO,S		
		3.00	NO,S		
		10.00	NO,S		
		10.00	NO,S		
		4.00	NO,S		
		4.00	NO,S		
		4.00	NO,S		
		1.00	NO,S		
		2.00	NO,S		
		5.00	NO,S		
		7.00	NO,S		
		4.00	NO,S		
		1.00	NO,S		
		1.00	NO'S		

2.74		18.11	SQM		
2.74		18.11	SQM		
2.59		30.40	SQM		
2.59		27.64	SQM		
		94.25	SQM		
0.76		5.57	SQM		
		88.68	SQM		
2.29		13.24	SQM		
0.76	0.30	0.92	CUM		
0.76	0.10	0.30	CUM		

0.10	0.91	0.34	CUM		
0.10	0.91	0.09	CUM		
0.10	0.91	0.34	CUM		
		0.77	CUM		
0.91		3.34	SQM		
0.91		3.16	SQM		
0.91		0.93	SQM		
0.91		0.74	SQM		
0.91		6.69	SQM		
1.83		7.25	Sqm		

0.61		2.23	sqm		
0.46		0.42	sqm		
		17.00	No's		
		20.00	No's		
		10.00	No's		
		10.00	No's		
		8.00	No's		
		2.00	No's		
		2.00	No's		
		4.00	No's		
		4.00	No's		
		4.00	No's		
		3.00	No's		
		2.00	No's		
		1.00	No's		
		1.00	No's		
		2.00	NO.S		
		4.00	NO.S		
		4.00	NO.S		

		2.00	NO.S		
		4.00	NO,S		
or downward during execution					
pprove by Engineering inchare or site engineer					
naterial is done by contractor in respect for the basic rate					



Name of work:Nandiga	
Sl No	Item No.
1	<u>EW.1</u>
1	
2	1
3	<u>PCC.2</u>
4	
5	1
6	<u>RMW.3</u>
7	
8	1
9	<u>BW.4</u>
10	
11	1
12	<u>PL.5</u>
13	
14	1
15	<u>FL.6</u>

16	
17	
18	1
19	2
20	
21	1
22	2
23	3
24	
25	
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27	
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29	
30	
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32	
33	1
34	2
35	3
36	4
37	3
38	

39	
40	9
41	10
42	
45	<u>RF.7</u>
46	
47	1
48	2
49	
50	<u>DR.8</u>
51	
52	2
53	<u>EI.9</u>

54	
55	1
56	2
57	3
58	4
59	5
60	6
61	7
62	8
63	9
64	10
65	11
66	<u>PLM.10</u>
67	
68	
69	1
70	4
73	6
74	7
75	8
76	9
77	10
78	11

79	12
80	13
81	14
82	15
83	16
84	17
85	18
86	19
87	20
88	<u>PW=11</u>
89	
90	1
91	1
92	2
93	3
94	4
95	5
96	6
97	7
98	8
99	
100	1
101	2
102	3
103	4
104	5
105	6
106	7
107	8

108	9
109	10
110	11
111	12
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113	13
114	
115	<u>IEC.12</u>
116	
117	
118	<u>EW.13</u>
119	
120	1
121	<u>PCC.14</u>
122	
123	1
124	<u>BW.15</u>
125	
126	1
127	2
128	<u>PL.16</u>

129	
130	1
131	2
132	3
133	4
134	5
135	<u>FL.17</u>
136	13
137	14
138	15
139	16
1450	
141	1
148	<u>IEC .19</u>

149	
150	<u>DWB.20</u>
151	
152	PS .21
153	
154	1
155	2
156	3
157	4
158	5
159	6
160	10
161	12
162	13
163	14
164	15
165	16
166	17
167	18
168	19
169	20
170	<u>SPM.22</u>
171	<u>1</u>

172	<u>2</u>
173	<u>3</u>
174	<u>4</u>
175	<u>5</u>
176	<u>6</u>
177	
178	1
179	2
180	3
181	4
182	5
182	6
183	7
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ma Government High school(old)Renovation works

Description	No's
<u>EARTH WORK</u>	
Earthwork in excavation over areas by Man power including levelling and dressing, -soak pit .Contractor should bring the tools.	
Long wall	1.00
<u>PLAIN CEMENT CONCRETE</u>	
Construct the plain cement concrete 1:4:8 (1 cement : 4 sand : 8 graded crushed rock 40 mm nominal size) .Contractor should manage the transportations and labour charges.	
Long wall	1.00
<u>RR MASONRY WORK</u>	
RR Masonry work including materials and labour charges and transportations 1:6 (1 cement 6 sand)	
Long wall	1.00
<u>BRICK MASONRY WORK</u>	
Providing & laying First -Class solid cement Brick -18" *6 " *8" - 6" thick ness work in Superstructure above existing walls to all top levels- In cement mortar 1:4 (1-Cement , 4-sand), Including Transportation and Labour cost ect.	
Long wall	1.00
<u>PLASTER</u>	
Providing & laying 15mm cement plaster on rough side of single Red brick wall in cement mortar 1:3 on (external walls and Internal wall)finishing with Smooth finish ,,Conveyance of all materials Including transportation , Material shifting , Labour	
Long wall (external)	2.00
<u>FLOORING WORKS</u>	

Providing & Existing floor chiping and fixing Anti skid ceramic titles 300x300mm laid on bed of 25mm thick cement mortar 1:3(1 -Cement ,3 -sand) Tile colour white or ivory with Grouting finishing the joints with similar colour of the titles Orient or Equivalent Brand .: - in toilet floors ,Conveyance of all materials, Including transporatation ,Labour cost etc	
Girls toilets	
Girls toilets	4.00
Girls toilets	1.00
Boys toilets and urinals	
Boys toilets	1.00
Boys toilet	1.00
Boys urinals	2.00
Providing & fixing Wall tiles 250 x 450 mm laid on bed of 25mm thick cement mortar 1:3 (1 -Cement ,3 -sand) tiles colour -blue with Grouting finishing the joints with similar colour of the titles Sonic Gold primium or Equivalent Brand .,Conveyance of all materials , Labour cost etc .	
Girls toilets	
Girls toilets long walls	16.00
Girls toilet long walls	2.00
Girls toilet short walls	2.00
Deduction of Door area	5.00
Boys toilets and urinals	
Boys toilets long walls	2.00
Boys toilet short walls	2.00
Boys toilet Long walls	2.00
Boys toilet short walls	2.00
Boys urinals long walls	2.00
boys urimals short walls	2.00

Deduction of Doors area	4.00
Total	
Providing & laying 40 mm thick factory made cement concrete interlocking paver block of approved size, design & shapes -I Dumble ,Zig zag , Milano ,Basil ,Hexagon laid in Red and yellow (Mixing) colour and pattern over and including 20 mm thick compacted bed of coarse sand, filling the joints with fine sand ,,Conveyance of all materials Including transporatation ,Labour cost etc	
<u>ROOFING WORKS</u>	
Providing & fixing trapezoidal Pre painted Galvalume (PPGI-120 GSM-550MPA) sheets with metal sealed EPG10 colour coats system - 0.5mm CRIL or TATA ,JINDHAL,JSW or Equivalent Brand ,Including Transportation ,Materia shifting , Labour cost etc	
Boys urinals	1.00
Girls toilet	1.00
Providing & fixing Square pipes -40mm *40mm , Pre painted Galvalume Pre painted (PPGI--120GSM-350MPA) 4mm .TATA ,JSW, EVEREST or Equivalent Brand ,Conveyance of all materials , Labour cost ect .	2.00
<u>DOORS</u>	
Providing & fixing IRON frame with 8 mm steel bars applying zink primer type as per drawing including all accessories, and RCC lintals ,Conveyance of all materials , Labour cost ect .	
Girls toilet doors	2.00
<u>ELECTRICAL ITEMS</u>	

Providing & fixing electrical items as per electrical points and PVC pipes and M.S boxes Concealing pipes into the wall offers them a measure of security. Wire arrange from near by existing room power facility.	
Pvc pipes -19mm-10ft	20.00
2.5sq mm wire - Finolex Brand	4.00
Electrical pvc 4Module water proof Gang box with switches	10.00
Angle holders	11.00
pvc elbo	20.00
Pvc tape	3.00
Pvc Junctin boxes	10.00
Gi clamps(1 packet	2.00
screws(1/2)inch	1.00
Philips led Bulbs	11.00
Labour charges -Lumpsum charges for all toilets	
<u>PLUMBING SANITARYWARE</u>	
Providing and fixing Plumbing and sanitary items ,All pipes concealing in to walls , Need to place the pipes in floor as well if required. sanitary items Anexy ,Roxo or Equivalent Brand Pipes -Ashirvad , Prince or astral Equivalent Brand .Conveyance of all materials,Including transporation,Soil excavation and Labour cost etc.	
<u>Fittings for Boys toilet& urinals and drainage line</u>	
indian type commode(525mm*430*200mm)	4.00
Urinal bowls including all Fittings & accessories,(All types of fittings ,reducures ,bends ,2' connection pipe ,angle cock ,push tap , etc(hind ware)	6.00
4"inch pvc elbo	10.00
CPVC Solution (90g)	3.00
cpvc elbo(3/4)	5.00
cpvc brass elbo	5.00
75mm pvc pipe	5.00
100mm non trap	4.00

75mm pvc elbo	4.00
PVC solution 1lit	1.00
v-tap	4.00
6"mm pvc pipes 10ft	7.00
cpvc pipes 3/4(10ft)	6.00
stainless tap	8.00
vent cowl	1.00
3/4 CPVC ball valve	1.00
Total block Plumbing Charges Lumpsum -fixing all plumbing , sanitary ietms , All pipes concealing in to walls and floor area and soil excavation.	1.00
PAINT WORK	
Providing & laying 15mm cement plaster on rough side of single Red brick wall in cement mortar 1:3 on (external walls and Internal wall)finishing with Smooth finish ,,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.	
Girls Toilets	
Long walls externals	2.00
Long walls internals walls	2.00
Short walls externals	2.00
short walls internals	14.00
Girls toilet long walls external	2.00
Girls toilets long walls internals	2.00
Girls toile short walls external walls	2.00
Girls toilet short walls internals	2.00
Boys Toilets and urinals	
urinals area long walls external walls	1.00
urinals area long walls internals walls	2.00
urinals area short walls external walls	1.00
urinals area long walls internal walls	2.00
Boys toilets long walls external walls	1.00
Boys toilets long walls internal walls	2.00
Boys toilets short walls external walls	2.00
Boys toilets short walls internal walls	2.00

Boys urinal long walls external	2.00
Boys urinal long walls internal	2.00
Boys urinal Short walls external	2.00
Boys urinal short walls internal	2.00
note deduction of tiles required	
Deduction of Doors	12.00
IEC Wall writings ,Pictures drawing	
Providing and applying ,writing IEC Design and Draw pictures on the wall surface using Enamel type paint - Asian paint or equivalent brand Colour and pictures as per cleint choice ,Including transporation , Material shifting , Labour cost etc.	1.00
hand wash point	
<u>EARTH WORK</u>	
Earthwork in excavation over areas by Man power including levelling and dressing, -soak pit .Contractor should bring the tools.	
Long wall	1.00
<u>PLAIN CEMENT CONCRETE</u>	
Construct the plain cement concrete 1:4:8 (1 cement : 4 sand : 8 graded crushed rock 40 mm nominal size) .Contractor should manage the transportations and labour charges.	
Long wall	1.00
<u>BRICK WORK</u>	
Red Bricks size (19cm * 9cm * 9cm)Thikness outre 4" wall ,cement motor 1:4 (1-cement:4-sand)finishing with Smooth finish ,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.Before construct the walls , have to curing the bricks in water at least 60mins.	
Long wall	1.00
Short wall	2.00
<u>PLASTER</u>	

Providing & laying 15mm cement plaster on rough side of single Red brick wall in cement mortar 1:3 on (external walls and Internal wall)finishing with Smooth finish ,,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.	
Long wall(external)	1.00
Long wall(inner)	1.00
Short wall(extranal)	2.00
Short wall(inner side)	2.00
Total	
Providing & fixing Wall tiles 250 x 450 mm laid on bed of 25mm thick cement mortar 1:3 (1 -Cement ,3 -sand) tiles colour -blue with Grouting finishing the joints with similar colour of the titles Sonic Gold primium or Equivalent Brand .,Conveyance of all materials , Labour cost etc .	
Hand wash area (long wall)	1.00
Hand wash area (short walls)	2.00
Hand wash area back wall	1.00
Total	
Providing & laying 40 mm thick factory made cement concrete interlocking paver block of approved size, design & shapes -I Dumble ,Zig zag , Milano ,Basil ,Hexagon laid in Red and yellow (Mixing) colour and pattern over and including 20 mm thick compacted bed of coarse sand, filling the joints with fine sand ,,Conveyance of all materials Including transporatation ,Labour cost etc	
	1.00
IEC Wall writings ,Pictures drawing	

Providing and applying ,writing IEC Design and Draw pictures on the wall surface using Enamel type paint -Asian paint or equivalent brand Colour and pictures as per cleint choice ,Including transporation , Material shifting , Labour cost etc.	1.00
<u>DOOR , WINDOW, BRANDING BOARD COMPONENTS</u>	
Providing & fixing Branding visibility Board aWith Logos , cleint Names stainless steel 4-mm Guage Plate ,design Etching method ,Conveyance of all materials , Labour cost etc.	2.00
<u>PLUMBING SANITARYWARE</u>	
Providing and fixing Plumbing and sanitary items ,All pipes concealing in to walls , sanitary items Anexy ,Roxo or Equivalent Brand Pipes -Ashirvad , Prince or Equivalent Brand .Conveyance of all materials,Including transporation , Labour cost etc.	
3/4 "CPVC Pipe -10 feet pipe or 3.04mts	10.00
3/4 Coupling	4.00
3/4 L bow Plain	10.00
3/4 Tee pain	6.00
puship taps	8.00
Ball Valve	1.00
CPVC Solution	1.00
Taflon tap	4.00
1" End cap	2.00
Dummy 's	10.00
75 mm PVC pipe	3.00
4" Non drop	2.00
Double lock steel jaalli Plane type	2.00
45 degrees PVC bend	1.00
L PVC bend	1.00
Plumbing Charges Lumpsum -fixing all plumbing , sanitary ietms , All pipes concealing in to walls	
<u>Soak pit -material</u>	
Soat pit -40mm metal Layes	

of Quantities

PROJECT PATANCHERU

Lenth (M)	Breath (M)	Height/Depth (M)	Quantity	Unit	Rate (Rs)
1.83	0.61	0.61	0.68	CUM	
1.83	0.61	0.10	0.11	CUM	
1.83	0.61	0.61	0.68	CUM	
1.83	0.15	2.44	0.68	CUM	
1.83	2.44		8.92	SQM	

1.22	1.22		5.95	SQM	
1.42	1.73		2.46	SQM	
1.42	1.27		1.81	SQM	
1.27	1.27		1.62	SQM	
1.42	1.27		3.62	SQM	
			15.45	SQM	
1.22	1.22		23.78	SQM	
1.42	1.22		3.47	SQM	
1.73	1.22		4.21	SQM	
0.76	1.83		6.97	SQM	
			24.50	SQM	
1.42	1.27		3.62	SQM	
1.27	1.27		3.23	SQM	
1.27	1.27		3.23	SQM	
1.27	1.27		3.23	SQM	
1.42	1.27		3.62	SQM	
1.27	1.27		3.23	SQM	

			20.16	SQM	
0.76	1.22		3.72	SQM	
			16.44	SQM	
3.35	2.13		7.15	SQM	
3.35	2.13		7.15	SQM	
3.35	2.13		20.00	KGS	
0.76	1.83		30.00	KGS	

			20.00	NO'S	
			4.00	NO'S	
			10.00	NO'S	
			11.00	NO'S	
			20.00	NO'S	
			3.00	NO'S	
			10.00	NO'S	
			2.00	NO'S	
			1.00	NO'S	
			11.00	NO'S	
				NO'S	
			4.00	NO,S	
			6.00	NO,S	
			10.00	NO,S	
			3.00	NO,S	
			20.00	NO,S	
			5.00	NO,S	
			5.00	NO,S	
			4.00	NO,S	

			4.00	NO,S	
			1.00	NO,S	
			4.00	NO,S	
			7.00	NO,S	
			6.00	NO,S	
			8.00	NO,S	
			1.00	NO,S	
			1.00	NO'S	
9.75	2.64		51.55	SQM	
8.53	2.64		45.10	SQM	
1.96	2.74		10.73	SQM	
1.22	2.64		45.10	SQM	
1.73	2.90		10.01	SQM	
1.49	2.74		8.16	SQM	
1.42	2.90		8.24	SQM	
1.17	2.74		6.40	SQM	
4.57	2.74		12.54	SQM	
4.42	2.74		24.25	SQM	
5.03	2.74		13.79	SQM	
4.88	2.74		26.75	SQM	
2.84	2.90		8.23	SQM	
2.54	2.74		13.93	SQM	
1.42	2.74		7.81	SQM	
1.12	2.74		6.14	SQM	

2.90	2.74		15.88	SQM	
2.59	2.74		14.21	SQM	
1.73	2.90		10.01	SQM	
1.42	2.74		7.81	SQM	
			346.66	SQM	
0.76	1.83		16.72	SQM	
			329.94	SQM	
5.79	2.29		13.24	SQM	
3.96	0.76	0.30	0.92	CUM	
3.96	0.76	0.10	0.30	CUM	
3.66	0.10	0.91	0.34	CUM	
0.51	0.10	0.91	0.09	CUM	

3.66	0.91		3.34	SQM	
3.45	0.91		3.16	SQM	
0.51	0.91		0.93	SQM	
0.41	0.91		0.74	SQM	
			8.17	SQM	
3.66	0.61		2.23	SQM	
3.66	0.61		4.46	SQM	
3.66	0.91		3.34	SQM	
			10.03	SQM	
3.96	1.83		7.25	Sqm	

0.91	3.66		3.34	sqm	
0.46	0.46		0.42	sqm	
			10.00	No's	
			4.00	No's	
			10.00	No's	
			6.00	No's	
			8.00	No's	
			1.00	No's	
			1.00	No's	
			4.00	No's	
			2.00	No's	
			10.00	No's	
			3.00	No's	
			2.00	No's	
			2.00	No's	
			1.00	No's	
			1.00	No's	
0.91		0.30	0.50	Ton	

Name of work:Nandigama Government High school(old)Renovation works

Sl No	Item No.	Description	No's
1	<u>EW.01</u>	<u>EARTH WORK</u>	
2		Earthwork in excavation over areas by Man power including levelling and dressing, -soak pit .Contractor should bring the tools.	
3	1	Long wall	1.00
4	<u>PCC.02</u>	<u>PLAIN CEMENT CONCRETE</u>	
5		Construct the plain cement concrete 1:4:8 (1 cement : 4 sand : 8 graded crushed rock 40 mm nominal size) .Contractor should manage the transportations and labour charges.	
6	1	Long wall	1.00
7	<u>RMW.03</u>	<u>RR MASONARY WORK</u>	
8		RR Masonary work including matrials and labour charges and transportations1:6(1 cement 6 sand)	
9	1	Long wall	1.00
10	<u>BW.04</u>	<u>BRICK WORK</u>	
11		Red Bricks size (19cm * 19cm * 9cm)Thikness outre 9" wall ,cement motor 1:4 (1-cement:4-sand)finishing with Smooth finish ,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.Before construct the walls , have to curing the bricks in water at least 60mins.	
12	1	Long wall	1.00
13	<u>PL.05</u>	<u>PLASTER</u>	

14		Providing & laying 15mm cement plaster on rough side of single Red brick wall in cement mortar 1:3 on (external walls and Internal wall)finishing with Smooth finish ,,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.	
15	4	Short wall(inner side)	2.00
16	2	Deduction door	1.00
17	3	Total	
18	<u>FL.06</u>	<u>FLOORING WORKS</u>	
19		inter locking tiles	
20	1	Girls toilet front side	1.00
22	<u>DR.7</u>	<u>DOORS</u>	
23		Providing & fixing PVC Door With frame type as per drawing including all accessories and RCC lintel - Complete , Desai or eqvailent brand ,including Transportation , Labour cost ect .	
24	1	Girls toilets	5.00
25	<u>EI.8</u>	<u>ELECTRICAL ITEMS</u>	
26		Providing & fixing electrical items as per electrical points and PVC pipes and M.S boxes Concealing pipes into the wall offers them a measure of security. Wire arrange from near by existing room power facility.	
27	1	Pvc pipes -19mm-10ft	10.00
28	2	2.5sq mm wire - Finolex Brand	2.00
29	3	Electrical pvc 4 Module water proof Gang box with switches	2.00
30	4	Angle holders	7.00
31	5	Pvc tape	3.00
32	6	Pvc Junctin boxes	10.00
33	7	Philips led Bulbs	7.00
34	8	Labour charges -Lumpsum charges	1.00
35	<u>INC.9</u>	<u>NAPKIN INCINERATOR ELECTRICAL TYPE & ELECTRICAL ITEMS</u>	

36		Providing and fixing incinerator electrical type minimum capacity -240 pads per day , Virgo brand or Equavalent Brand ,Conveyance of all materials ,Labour cost etc	
37	1	Incinerator electrical type	1.00
38	2	White Plastic 2 Modular Surface Gang Box, for Electric Fitting, Module - 1 Moduler Spce PLATE -1	1.00
39	3	4 sq mm wire	1.00
40	4	switch 10A	1.00
41	5	Plug Soacket	1.00
42	6	PVC Pipe -19 mm -10 feet	3.00
43	7	Junction box -4 way ,L bend	2.00
44	<u>NVM.10</u>	NAPKIN VENDING MACHINE ELECTRICAL TYPE	
45		Providing and fixing incinerator electrical type minimum Storage capacity - 30 pads , Virgo brand or Equavalent Brand ,Conveyance of all materials ,Labour cost etc	
46	1	Napkin Vending machine electrical type	1.00
47	2	White Plastic 2 Modular Surface Gang Box, for Electric Fitting, Module - 1 Moduler Spce PLATE -1	1.00
48	3	4 sq mm wire	1.00
49	4	switch 10A	1.00
50	5	Plug Soacket	1.00
51	6	PVC Pipe -19 mm -10 feet	3.00
52	7	Junction box -4 way ,L bend	2.00
53	8	vending machine and incinerator fitting Labour charges -Lumpsum charges	1.00
54	<u>PNW.11</u>	PAINT WORK	

55		Providing and applying emulsion Primer White paint and on surface layer emulsion dark colour paint - Asian paints or Equavalent brands ,Colour as per client choice , for cement, masonry, plaster, two coats on existng work and new work ,and removing existing wall paint ,Including transport , material shifting , labour charges etc	
56		Girls Toilets	
57	1	Long walls exteranal	2.00
58	2	Long walls internal	2.00
59	3	Short walls externals	2.00
60	4	short walls internals	4.00
61	5	Deduction of doors area	3.00
62	6	Total	
63		Girls Toilets	
64	1	Long walls exteranal	2.00
65	2	Long walls internal	4.00
66	3	Short walls externals	2.00
67	4	short walls internals	2.00
68	5	internal walls middle walls	10.00
69	5	Deduction of doors area	6.00
70	6	Total	
73	<u>12</u>	IEC Wall writings ,Pictures drawing	
74		Providing and applying ,writing IEC Design and Draw pictures on the wall surface using Enamel type paint - Asian paint or equavalent brand Colour and pictures as per cleint choice ,Including transporation , Material shifting , Labour cost etc.	1.00
75		Boys new toilets and urinals	
76	<u>EW.13</u>	<u>EARTH WORK</u>	

77		Earthwork in excavation over areas by Man power including levelling and dressing, -soak pit .Contractor should bring the tools.	
78	1	long walls	2.00
79	2	Short walls	3.00
80	3	Short wall	1.00
81	<u>PCC.14</u>	Construct the plain cement concrete 1:4:8 (1 cement : 4 sand : 8 graded crushed rock 40 mm nominal size) .Contractor should manage the transportations and labour charges.	
82	<u>1</u>	Long walls	2.00
83	2	Short walls	3.00
84	3	Short wall	1.00
85	<u>RMW.15</u>	<u>RR MASONARY WORK</u>	
86		RR Masonary work including matrials and labour charges and trasoptations1:6(1 cement 6 sand)	
87	1	long walls	2.00
88	2	Short walls	3.00
89	3	Short wall	1.00
90	<u>BW.16</u>	<u>BRICK WORK</u>	
91		Providing & laying First -Class solid cement Brick -18" *6 " *8" - 6" thick ness work in Superstructure above existing walls to all top levels- In cement mortar 1:4 (1-Cement , 4-sand), Including Transportation and Labour cost ect.	
92	1	Long wall back wall	1.00
93	2	long wall front wall	1.00
94	3	short walls	3.00
95	4	middle portition walls	1.00
96	65		
97	6	deduction of doors area	3.00
98			
99	<u>DR.17</u>	<u>DOORS</u>	

100		Providing & fixing PVC Door With frame type as per drawing including all accessories and RCC lintel - Complete , Desai or eqvailent brand ,including Transportation , Labour cost ect .	
101	1	Boys toilet	3.00
102	<u>PL.18</u>	<u>PLASTER</u>	
103		Providing & laying 15mm cement plaster on rough side of single Solid brick wall in cement mortar 1:3 on (external walls and Internal wall)finishing with Smooth finish ,,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.	
104	1	Long wall back wall	2.00
105	2	long wall front wall	2.00
106	3	short walls	6.00
107	4	middle portition walls	2.00
108	5		
109	6	Deduction of doors area	3.00
110	7	Total	
111	<u>RW.19</u>	<u>ROOFING WORKS</u>	
112		Providing & fixing trapezoidal Pre painted Galvalume (PPGI-120 GSM-550MPA) sheets with metal sealed EPG10 colour coats system - 0.5mm CRIL or TATA ,JINDHAL,JSW or Equivalent Brand ,Including Transportation ,Materia shifting , Labour cost etc	
113	1		1.00
114		Providing & fixing Square pipes -40mm *40mm Pre painted Galvalume Pre painted (PPGI--120GSM-350MPA) 4mm .TATA , EVEREST or Equivalent Brand ,including Transportation , Labour cost ect .	
115	1	Hand wash area	7.00
116	<u>FL.20</u>	<u>FLOORING WORKS</u>	

117		Providing & Existing floor chipping and fixing Anti skid ceramic tiles 300x300mm laid on bed of 25mm thick cement mortar 1:3(1 -Cement ,3 -sand) Tile colour white or ivory with Grouting finishing the joints with similar colour of the titles Orient or Equivalent Brand .: - in toilet floors ,,Conveyance of all materials, Including transporatation ,Labour cost etc	
118	1	Boys toilet floor tiles	2.00
119	2	urinal area	2.00
120	3	Total	
121		Providing & fixing Wall tiles 250 x 450 mm laid on bed of 25mm thick cement mortar 1:3 (1 -Cement ,3 -sand) tiles colour -blue with Grouting finishing the joints with similar colour of the titles Sonic Gold primium or Equivalent Brand ,,Conveyance of all materials , Labour cost etc .	
122	1	long walls	4.00
123	2	short walls	4.00
124	3	urinal area	1.00
125			
126	3	deduction of doors area	2.00
127	4	Total	
128		Providing & laying 40 mm thick factory made cement concrete interlocking paver block of approved size, design & shapes -I Dumble ,Zig zag , Milano ,Basil ,Hexagon laid in Red and yellow (Mixing) colour and pattern over and including 20 mm thick compacted bed of coarse sand, filling the joints with fine sand ,,Conveyance of all materials Including transporatation ,Labour cost etc	
129	1		1.00

130	<u>EL.21</u>	<u>ELECTRICAL ITEMS</u>	
131	1	Providing & fixing electrical items as per electrical points and PVC pipes and M.S boxes Concealing pipes into the wall offers them a measure of security. Wire arrange from near by existing room power facility.	
132	2	Pvc pipes -19mm-10ft	10.00
133	3	tape	1.00
134	4	2.5mm wire	1.00
135	4	Angle holders	3.00
136	5	Pvc Junctin boxes	10.00
137	6	Philips led Bulbs	3.00
138	<u>7</u>	Labour charges -Lumpsum charges	1.00
139	1	Providing and applying emulsion Primer White paint and on surface layer emulsion dark colour paint - Asian paints ,or Equavalent brands ,Colour as per cleint choice , for cement, masonry, plaster, two coats on exisitng work and new work ,and removing existing wall paint ,Including transport , material shifting , labour charges etc	
140	1	Long wall back wall	2.00
141	2	long wall front wall	2.00
142	3	short walls	6.00
143	4	middle portition walls	2.00
144	5		
145	6	Deduction of doors area	3.00
146	7	Total	
147	<u>22</u>	<u>PLUMBING SANITARYWARE</u>	

148		Providing and fixing Plumbing and sanitary items ,All pipes concealing in to walls , Need to place the pipes in floor as well if required. sanitary items Anexy ,Roxo or Equivalent Brand Pipes -Ashirvad , Prince or astral Equivalent Brand .Conveyance of all materials,Including transporation,Soil excavation and Labour cost etc.	
149		<u>Fittings for toilets</u>	
150	1	wash basins(ceramic white pedestal with wash basin(hind ware)	1.00
151	1	western toilet(hindware)	1.00
152	2	Pvc Flush tank	1.00
153	3	indian type commode(525mm*430*200mm)	1.00
154	4	Urinal bowls including all Fittings & accessories,(All types of fittings ,reducures ,bends ,2' connection pipe ,angle cock ,push tap , etc(hind ware brand)	4.00
155	2	rock bolts	1.00
156	3	waste couple	1.00
157	4	Piller cock	1.00
158	5	connection pipe	1.00
159	6	Angle valve	1.00
160	7	taflon tab	1.00
161	8	CPVC Solution (100ml)	1.00
162	9	3/4 CPvc Coupelars	5.00
163	10	Cpvc elbo	10.00
164	11	3/4 cpvc pipes	6.00
165	12	Cpvc brass elbo	5.00
166	13	75mm pvc pipe	5.00
167	14	100mm non trap	4.00
168	15	75mm pvc elbo	4.00
169	16	8" pvc pipe	6.00
170	17	pushup taps	4.00
171	18	4" elbo	4.00

172	17	Double lock steel jaalli Plane type	2.00
173	18	Providing and arranging water buckets (20lit) with Mugs in toilets ,Conveyance of all materials,Labour cost etc. Chaten plast or equivalent brand	2.00
174	19	1 1/2 inch pvc pipe 10ft	1.00
175	20	Plumbing Charges Lumpsum -fixing all plumbing , sanitary ietms , All pipes concealing in to walls and floor area	2.00
176		HAND WASH AREA	
177	<u>EW.23</u>	<u>EARTH WORK</u>	
178		Earthwork in excavation over areas by Man power including levelling and dressing, -soak pit .Contractor should bring the tools.	
179	1	Long wall	1.00
180	<u>PCC.24</u>	<u>PLAIN CEMENT CONCRETE</u>	
181		Construct the plain cement concrete 1:4:8 (1 cement : 4 sand : 8 graded crushed rock 40 mm nominal size) .Contractor should manage the transportations and labour charges.	
182	1	Long wall	1.00
183	<u>BW.25</u>	<u>BRICK WORK</u>	
184		Red Bricks size (19cm * 9cm * 9cm)Thikness outre 4" wall ,cement motor 1:4 (1-cement:4-sand)finishing with Smooth finish ,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.Before construct the walls , have to curing the bricks in water at least 60mins.	
185	1	Long wall	1.00
186	2	Short wall	2.00
187	<u>PL.26</u>	<u>PLASTER</u>	

188		Providing & laying 15mm cement plaster on rough side of single Red brick wall in cement mortar 1:3 on (external walls and Internal wall)finishing with Smooth finish ,,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.	
189	1	Long wall(external)	1.00
190	2	Long wall(inner)	1.00
191	3	Short wall(extranal)	2.00
192	4	Short wall(inner side)	2.00
193	5	Total	
194	<u>RF.27</u>	<u>ROOFING WORKS</u>	
195		Providing & fixing trapezoidal Pre painted Galvalume (PPGI-120 GSM-550MPA) sheets with metal sealed EPG10 colour coats system - 0.5mm CRIL or TATA ,JINDHAL,JSW or Equivalent Brand ,Including Transportation ,Materia shifting , Labour cost etc	
196	1	Hand wash area	1.00
197		EARTH WORK	
198	1	Hand wash area	7.00
199		Providing & fixing Eaves board (10mmx19mm) with moulding fitted and fixed with necessary screws - Mixed Conifer ,including Transportation , Labour cost ect .	
200	<u>IEC .28</u>	IEC Wall writings ,Pictures drawing	
201		Providing and applying ,writing IEC Design and Draw pictures on the wall surface using Enamel type paint - Asian paint or equavalent brand Colour and pictures as per cleint choice ,Including transporation , Material shifting , Labour cost etc.	2.00
202	<u>DWB.29</u>	<u>DOOR , WINDOW, BRANDING BOARD COMPONENTS</u>	

203		Providing & fixing Branding visibility Board aWith Logos , cleint Names stainless steel 4-mm Guage Plate ,design Etching method ,Conveyance of all materials , Labour cost etc.	2.00
204	PS .30	<u>PLUMBING SANITARYWARE</u>	
205		Providing and fixing Plumbing and sanitary items ,All pipes concealing in to walls , sanitary items Anexy ,Roxo or Equivalent Brand Pipes - Ashirvad , Prince or Equivalent Brand .Conveyance of all materials,Including transporation , Labour cost etc.	
206	1	1 "CPVC Pipe -10 feet pipe or 3.04mts	10.00
207	2	Coupling -3/4	4.00
208	3	3/4 L bow Plain	10.00
209	4	3/4 Tee pain	6.00
210	5	pushup taps	10.00
211	6	Ball Valve	1.00
212	7	1 3/4" Tee	7.00
213	8	3/4 * 1/2 Brass L bow	10.00
214	10	CPVC Solution	1.00
215	12	Taflon tap	2.00
216	13	3/4 End cap	2.00
217	14	Dummy 's	6.00
218	15	75 mm PVC pipe	2.00
219	16	4" Non drop	2.00
220	17	Double lock steel jaalli Plane type	2.00
221	18	45 degrees PVC bend	1.00
222	19	L PVC bend	1.00
223	20	Plumbing Charges Lumpsum -fixing all plumbing , sanitary ietms , All pipes concealing in to walls	
224	7	Sanitizer Dispenser wall Mounted (Foot operated)	1.00
225	8	Soap boxes	9.00
226	9	door lock pads	9.00

227	10	Dustbin	2.00
228\	11	tiles repiring purpus	1.00
229			
<u>230</u>	Note : The quantites indicated are based on estimation ,which may vary u		
<u>231</u>	water Curing to be done on the contractor side		
	The work should be completed as directed by the Engineer -in -charge		
	Use only mentioned material brands in work execution ,Equivalent brand		
	Cement -53 Grade ULTRATECH or Equivalent brand		
	Contractor has to submit the Bills of authorised dealers from whom proc		

Quantities

GEE (SANDVIK) PROJECT PATANCHERU

Lenth (M)	Breath (M)	Height/Depth (M)	Quantity	Unit	Rate (Rs)	Amount (Rs)
6.25	0.61	0.61	2.32	CUM		
6.25	0.61	0.10	0.38	CUM		
6.25	0.61	0.10	0.38	CUM		
6.25	0.23	2.13	3.05	CUM		

6.25	2.13		26.66	SQM		
0.76	1.83		1.39	SQM		
			25.27	SQM		
3.22	1.37		4.42	SQM		
0.61	1.83		30.00	kgs		
			10.00	NO'S		
			90M	NO'S		
			2.00	NO'S		
			7.00	NO'S		
			3.00	NO'S		
			10.00	NO'S		
			7.00	NO'S		
			1.00	NO'S		

			1.00	NO'S		
			1.00	NO'S		
			40.00	NO'S		
			1.00	NO'S		
			1.00	NO'S		
			3.00	NO'S		
			2.00	NO'S		
			1.00	NO'S		
			1.00	NO'S		
			40.00	NO'S		
			1.00	NO'S		
			1.00	NO'S		
			3.00	NO'S		
			2.00	NO'S		
			1.00	NO'S		

3.22	3.05		19.66	SQM		
3.07	2.90		17.79	SQM		
2.31	3.05		14.08	SQM		
2.01	2.90		23.23	SQM		
0.76	1.83		4.18	SQM		
			19.05	SQM		
3.81	3.05		23.22	SQM		
3.30	2.90		38.23	SQM		
3.05	3.05		18.58	SQM		
2.74	2.90		15.88	SQM		
1.22	1.22		14.86	SQM		
0.79	1.83		8.69	SQM		
			102.08	SQM		
2.90	2.44		7.06	SQM		

3.91	0.61	0.61	2.91	CUM		
3.35	0.61	0.61	3.74	CUM		
1.68	0.61	0.61	0.62	CUM		
3.91	0.61	0.10	0.48	CUM		
3.35	0.61	0.10	0.61	CUM		
1.68	0.61	0.10	0.10	CUM		
3.91	0.61	0.61	2.91	CUM		
3.35	0.61	0.61	3.74	CUM		
1.68	0.61	0.61	0.62	CUM		
3.30	0.15	3.05	1.53	CUM		
3.30	0.15	2.90	1.46	CUM		
2.74	0.15	2.90	3.63	CUM		
1.37	0.15	0.61	0.13	CUM		
			6.75	CUM		
0.76	0.15	1.83	0.64	CUM		
			6.11	CUM		

0.76	1.83		30.00	kgs		
3.91		3.05	23.84	Sqm		
3.91		2.90	22.64	Sqm		
3.35		2.90	58.24	Sqm		
1.37		0.61	1.67	Sqm		
			106.40	Sqm		
0.76		1.83	4.18	Sqm		
			102.22	Sqm		
3.96	3.35		13.28	SQM		
4.27	5.00		149.34	kgs		

1.37	1.14		3.14	SQM		
1.22	2.44		5.95	SQM		
			9.08	SQM		
1.37	1.22		6.69	SQM		
1.12	1.22		5.45	SQM		
3.66	1.22		4.46	SQM		
			16.60	SQM		
1.83	0.76		2.79	SQM		
			13.82	SQM		
3.35	1.83		6.13	SQM		

			3.00	NO'S		
			1.00	NO'S		
			1.00	NO'S		
			2.00	NO'S		
			2.00	NO'S		
			2.00	NO'S		
			1.00	NO'S		
3.91		3.05	23.84	Sqm		
3.91		2.90	22.64	Sqm		
3.35		2.90	58.24	Sqm		
1.37		0.61	1.67	Sqm		
			106.40	Sqm		
0.76		1.83	4.18	Sqm		
			102.22	Sqm		

			1.00	NO,S		
			1.00	NO,S		
			1.00	NO,S		
			1.00	NO,S		
			4.00	NO,S		
			1.00	NO,S		
			1.00	NO,S		
			1.00	NO,S		
			1.00	NO,S		
			1.00	NO,S		
			1.00	NO,S		
			1.00	NO,S		
			1.00	NO,S		
			5.00	NO,S		
			10.00	NO,S		
			6.00	NO,S		
			5.00	NO,S		
			5.00	NO,S		
			4.00	NO,S		
			4.00	NO,S		
			6.00	NO,S		
			4.00	NO,S		
			4.00	NO,S		

			2.00	NO,S		
			2.00	NO,S		
			1.00	NO,S		
			2.00	NO,S		
3.96	0.76	0.30	0.92	CUM		
3.96	0.76	0.10	0.30	CUM		
3.66	0.10	0.91	0.34	CUM		
0.51	0.10	0.91	0.09	CUM		

3.66	0.91		3.34	SQM		
3.45	0.91		3.16	SQM		
0.51	0.91		0.93	SQM		
0.41	0.91		0.74	SQM		
			8.17	SQM		
4.27	4.27		18.21	SQM		
4.27	5.00		149.34	kgs		
			1.00	kgs		
1.83	1.83		6.69	sqm		

0.46	0.46		0.42	sqm		
			10.00	No's		
			4.00	No's		
			10.00	No's		
			6.00	No's		
			10.00	No's		
			1.00	No's		
			7.00	No's		
			10.00	No's		
			1.00	No's		
			2.00	No's		
			2.00	No's		
			6.00	No's		
			2.00	No's		
			2.00	No's		
			2.00	No's		
			1.00	No's		
			1.00	No's		
			2.00	NO.S		
			9.00	NO.S		
			9.00	NO.S		

			2.00	NO.S		
upward or downward during execution						
ls must approve by Engineering incharge or site engineer						
urement of material is done by contractor in respect for the basic rate has b						



een mentioned in the Price Bid

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Name of work: PEDDAKA

SI No	Item No.
1	<u>EW.1</u>
2	
3	1
4	2
5	3
6	4
7	<u>PCC.2</u>
8	
9	1
10	2
11	3
12	<u>RMW.3</u>
13	
14	1
15	2
16	3
17	<u>BW.4</u>

18	
19	1
20	2
21	1
22	2
23	<u>PL.5</u>
24	
25	1
26	2
27	3
28	4
29	5
30	<u>FL.6</u>
31	
32	1
33	2
34	3
35	4

36	
37	
38	1
39	2
40	3
41	4
42	6
43	7
44	9
45	10
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47	
48	<u>DR.07</u>
49	1

50	2
51	<u>RF.8</u>
52	
53	1
54	
55	<u>DR.9</u>
56	
57	1
58	<u>EI.10</u>
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60	1
61	2
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63	4
64	5
65	6

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67	8
68	9
69	10
70	11
73	<u>NIEE11</u>
74	
75	1
76	2
77	3
78	4
79	5
80	6
81	7
82	<u>NVM.12</u>
83	
84	1
85	2
86	3
87	4
88	5
89	6
90	7
91	8
92	<u>PLM.11</u>

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95	1
96	2
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101	8
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103	10
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107	14
108	15
109	16
110	17
111	18
112	19
113	20
114	<u>PW=12</u>

115	
116	1
117	2
118	3
119	5
120	6
121	7
123	<u>IEC.13</u>
124	
125	1
126	<u>DWB.14</u>
127	
128	1
129	2
130	3
131	4
132	5
133	6
134	

135	<u>EW.15</u>
136	
137	1
138	<u>PCC.16</u>
139	
1450	1
141	<u>BW.17</u>
142	
143	1
144	2
145	<u>PL.18</u>
146	
147	1
148	2
149	3
150	4
151	5

152	<u>FL.19</u>
153	13
154	14
155	15
156	
157	1
164	<u>IEC .21</u>
165	
166	<u>DWB.22</u>
167	
168	<u>PS .23</u>

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SPM.24

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272

Bill of Quantities

GEE (SANDVIK) PROJECT PATA

UNJERLA MPUPS SCHOOL(RENOVATION WORKS)

Description	No's	Lenth (M)
<u>EARTH WORK</u>		
Earthwork in excavation over areas by Man power including levelling and dressing, -soak pit .Contractor should bring the tools.		
Long walls	2.00	6.40
short walls	4.00	2.44
septic tank pit	1.00	
<u>PLAIN CEMENT CONCRETE</u>		
Construct the plain cement concrete 1:4:8 (1 cement : 4 sand : 8 graded crushed rock 40 mm nominal size) .Contractor should manage the transportations and labour charges.		
Long wall	2.00	6.40
short walls	4.00	2.44
Total		
<u>RR MASONRY WORK</u>		
RR Masonry work including matrials and labour charges and transportations1:6(1 cement 6 sand)		
Long wall	2.00	6.40
Short wall	4.00	1.52
Total		
<u>BRICK MASONRY WORK</u>		

Providing & laying First -Class solid cement Brick -18" *6 " *8" - 6" thick ness work in Superstructure above existing walls to all top levels- In cement mortar 1:4 (1-Cement , 4-sand), Including Transportation and Labour cost ect.		
Long walls	2.00	5.79
short walls	4.00	1.52
Doors area	3.00	1.83
Total		
<u>PLASTER</u>		
Providing & laying 15mm cement plaster on rough side of single Red brick wall in cement mortar 1:3 on (external walls and Internal wall)finishing with Smooth finish ,,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.		
Long walls (external)	2.00	5.79
Long walls (internal)	2.00	5.49
Short walls(external internal)	8.00	1.52
Deduction of Doors area	3.00	1.83
Total		
<u>FLOORING WORKS</u>		
Providing & Existing floor chiping and fixing Anti skid ceramic titles 300x300mm laid on bed of 25mm thick cement mortar 1:3(1 -Cement ,3 -sand) Tile colour white or ivory with Grouting finishing the joints with similar colour of the titles Orient or Equivalent Brand .: - in toilet floors ,Conveyance of all materials, Including transporation ,Labour cost etc		
Boys toilets	1.00	1.52
Boys toilet	1.00	1.42
Boys toilet urinals area	1.00	2.54

Providing & fixing Wall tiles 250 x 450 mm laid on bed of 25mm thick cement mortar 1:3 (1 -Cement ,3 -sand) tiles colour -blue with Grouting finishing the joints with similar colour of the titles Sonic Gold primium or Equivalent Brand .,Conveyance of all materials , Labour cost etc .		
<u>BOYS TOILETS AND URINALS</u>		
Long walls	2.00	1.52
Short walls	2.00	1.42
Long walls	2.00	1.52
short walls	2.00	1.22
Boys urinals back walls	1.00	2.54
Boys urinals Partion walls	6.00	1.52
Deduction of Doors area	2.00	1.83
Total		
Providing & laying 40 mm thick factory made cement concrete interlocking paver block of approved size, design & shapes -I Dumble ,Zig zag , Milano ,Basil ,Hexagon laid in Red and yellow (Mixing) colour and pattern over and including 20 mm thick compacted bed of coarse sand, filling the joints with fine sand ,,Conveyance of all materials Including transporatation ,Labour cost etc		
	1.00	6.40
<u>DRAINAGE</u>		
Providing & laying feet diameter 1 feet height cement rings and grouted with fine sand mix including well rammed, finishing the top smooth - With cement concrete 1:2:4, 12.5mm aggregates, 50mm thickness ,including Transportation , Labour cost ect .	8.00	_

Providing & laying 4 feet diameter cement rings cap and grouted with fine sand mix including well rammed, finishing the top smooth - With cement concrete 1:2:4, 12.5mm aggregates, laid 75mm thickness ,including Transportation , Labour cost ect .	1.00	_
<u>ROOFING WORKS</u>		
Providing & fixing trapezoidal Pre painted Galvalume (PPGI-120 GSM-550MPA) sheets with metal sealed EPG10 colour coats system - 0.5mm CRIL or TATA ,JINDHAL,JSW or Equivalent Brand ,Including Transportation ,Materia shifting , Labour cost etc		
Boys toilets and urinals	1.00	5.79
Providing & fixing Square pipes -40mm *40mm , Pre painted Galvalume Pre painted (PPGI--120GSM-350MPA) 4mm .TATA ,JSW, EVEREST or Equivalent Brand ,Conveyance of all materials , Labour cost ect .	2.00	5.79
<u>DOORS</u>		
Providing & fixing IRON frame with 8 mm steel bars applying zink primer type as per drawing including all accessories, and RCC lintals ,Conveyance of all materials , Labour cost ect .		
Boys toilets main door	3.00	0.76
<u>ELECTRICAL ITEMS</u>		
Providing & fixing electrical items as per electrical points and PVC pipes and M.S boxes Concealing pipes into the wall offers them a measure of security. Wire arrange from near by existing room power facility.		
Pvc pipes -19mm-10ft	10.00	
2.5sq mm wire - Finolex Brand	2.00	
Electrical pvc 4Module water proof Gang box with switches	1.00	
Angle holders	3.00	
pvc elbo	10.00	
Pvc tape	3.00	

Pvc Junctin boxes	5.00	
Gi clamps(1 packet	1.00	
screws(1/2)inch	1.00	
Philips led Bulbs	2.00	
Labour charges -Lumpsum charges	1.00	
NAPKIN INCINERATOR ELECTRICAL TYPE & ELECTRICAL ITEMS		
Providing and fixing incinerator electrical type minimum capacity -240 pads per day , Virgo brand or Equavalent Brand ,Conveyance of all materials ,Labour cost etc		
Incinerator electrical type	1.00	
White Plastic 2 Modular Surface Gang Box, for Electric Fitting, Module - 1 Moduler Spce PLATE -1	1.00	
4 sq mm wire	1.00	
switch 10A	1.00	
Plug Soacket	1.00	
PVC Pipe -19 mm -10 feet	3.00	
Junction box -4 way ,L bend	2.00	
NAPKIN VENDING MACHINE ELECTRICAL TYPE		
Providing and fixing incinerator electrical type minimum Storage capacity - 30 pads , Virgo brand or Equavalent Brand ,Conveyance of all materials ,Labour cost etc		
Napkin Vending machine electrical type	1.00	
White Plastic 2 Modular Surface Gang Box, for Electric Fitting, Module - 1 Moduler Spce PLATE -1	1.00	
4 sq mm wire	1.00	
switch 10A	1.00	
Plug Soacket	1.00	
PVC Pipe -19 mm -10 feet	3.00	
Junction box -4 way ,L bend	2.00	
Labour charges -Lumpsum charges	1.00	
<u>PLUMBING SANITARYWARE</u>		

Providing and fixing Plumbing and sanitary items ,All pipes concealing in to walls , Need to place the pipes in floor as well if required. sanitary items Anexy ,Roxo or Equivalent Brand Pipes -Ashirvad , Prince or astral Equivalent Brand .Conveyance of all materials,Including transporation,Soil excavation and Labour cost etc.		
<u>Fittings for Boys toilet& urinals and drainage line</u>		
western toilet (hindware)	1.00	
Pvc Flush tank	1.00	
indian type commode(525mm*430*200mm)(hindustan)	1.00	
Urinal bowls including all Fittings & accessories,(All types of fittings ,reducures ,bends ,2' connection pipe ,angle cock ,push tap , etc(hindware)	3.00	
8"inch pvc elbo	6.00	
CPVC Solution (90g)	3.00	
Cpvc elbo(3/4)	10.00	
Cpvc brass elbo	10.00	
75mm pvc pipe	2.00	
100mm non trap	4.00	
75mm pvc elbo	4.00	
PVC solution 1lit	1.00	
v-tap	2.00	
8" pvc pipes 20ft	4.00	
Cpvc pipes 3/4(10ft)	7.00	
stainless tap	6.00	
vent cowl	1.00	
3/4 CPVC ball valve	1.00	
two toilets 'urinals and drainage linePlumbing Charges Lumpsum -fixing all plumbing , sanitary ietms , All pipes concealing in to walls and floor area and soil excavation.		
PAINT WORK		

Providing and applying emulsion Primer White paint and on surface layer emulsion dark colour paint - Asian paints or Equavalent brands ,Colour as per client choice , for cement, masonry, plaster, two coats on exisitng work and new work ,and removing existing wall paint ,Including transport , material shifting , labour charges etc		
Long wall (internal and external)	4.00	5.79
Short walls(external)	2.00	1.83
short walls (internal)	6.00	1.52
Short walls	2.00	1.22
Short walls	2.00	1.42
Total		
IEC Wall writings ,Pictures drawing		
Providing and applying ,writing IEC Design and Draw pictures on the wall surface using Enamel type paint - Asian paint or equavalent brand Colour and pictures as per cleint choice ,Including transporation , Material shifting , Labour cost etc.	1.00	5.79
Stainless steel toilet grab bar	1.00	
<u>DOOR , WINDOW, BRANDING BOARD COMPONENTS</u>		
Providing & fixing Branding visibility Board aWith Logos , cleint Names stainless steel 4-mm Guage Plate ,design Etching method ,Conveyance of all materials , Labour cost etc.	1.00	0.46
Sanitizer Dispenser wall Mounteted (Foot operated)	2.00	
Door lock pads	3.00	
Soap boxes	2.00	
door lock pads	1.00	
Dustbin	1.00	
Providing and arranging water buckets (20lit) with Mugs in toilets ,Conveyance of all materials,Labour cost etc. Chaten plast or equavalent brand	2.00	
HAND WASH AREA		

<u>EARTH WORK</u>		
Earthwork in excavation over areas by Man power including levelling and dressing, -soak pit .Contractor should bring the tools.		
Long wall	1.00	3.96
<u>PLAIN CEMENT CONCRETE</u>		
Construct the plain cement concrete 1:4:8 (1 cement : 4 sand : 8 graded crushed rock 40 mm nominal size) .Contractor should manage the transportations and labour charges.		
Long wall	1.00	3.96
<u>BRICK WORK</u>		
Red Bricks size (19cm * 9cm * 9cm)Thikness outre 4" wall ,cement motor 1:4 (1-cement:4-sand)finishing with Smooth finish ,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.Before construct the walls , have to curing the bricks in water at least 60mins.		
Long wall	1.00	3.66
Short wall	2.00	0.51
<u>PLASTER</u>		
Providing & laying 15mm cement plaster on rough side of single Red brick wall in cement mortar 1:3 on (external walls and Internal wall)finishing with Smooth finish ,,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.		
Long wall(external)	1.00	3.66
Long wall(inner)	1.00	3.45
Short wall(extranal)	2.00	0.51
Short wall(inner side)	2.00	0.41
Total		

Providing & fixing Wall tiles 250 x 450 mm laid on bed of 25mm thick cement mortar 1:3 (1 -Cement ,3 -sand) tiles colour -blue with Grouting finishing the joints with similar colour of the titles Sonic Gold primium or Equivalent Brand .,Conveyance of all materials , Labour cost etc .		
Hand wash area (long wall)	1.00	3.66
Hand wash area (short walls)	2.00	3.66
Hand wash area back wall	1.00	3.66
Providing & laying 40 mm thick factory made cement concrete interlocking paver block of approved size, design & shapes -I Dumble ,Zig zag , Milano ,Basil ,Hexagon laid in Red and yellow (Mixing) colour and pattern over and including 20 mm thick compacted bed of coarse sand, filling the joints with fine sand ,,Conveyance of all materials Including transporatation ,Labour cost etc		
	1.00	3.96
IEC Wall writings ,Pictures drawing		
Providing and applying ,writing IEC Design and Draw pictures on the wall surface using Enamel type paint -Asian paint or equavalent brand Colour and pictures as per cleint choice ,Including transporation , Material shifting , Labour cost etc.	1.00	0.91
<u>DOOR , WINDOW, BRANDING BOARD COMPONENTS</u>		
Providing & fixing Branding visibility Board aWith Logos , cleint Names stainless steel 4-mm Guage Plate ,design Etching method ,Conveyance of all materials , Labour cost etc.	1.00	0.46
<u>PLUMBING SANITARYWARE</u>		

Providing and fixing Plumbing and sanitary items ,All pipes concealing in to walls , sanitary items Anexy ,Roxo or Equivalent Brand Pipes -Ashirvad , Prince or Equivalent Brand .Conveyance of all materials,Including transporation , Labour cost etc.		
3/4 "CPVC Pipe -10 feet pipe or 3.04mts	8.00	
3/4 Coupling	4.00	
3/4 L bow Plain	10.00	
3/4 Tee pain	6.00	
puship taps	8.00	
Ball Valve	1.00	
CPVC Solution	1.00	
Taflon tap	4.00	
1" End cap	2.00	
Dummy 's	10.00	
75 mm PVC pipe	3.00	
4" Non drop	2.00	
Double lock steel jaalli Plane type	2.00	
45 degrees PVC bend	1.00	
L PVC bend	1.00	
Plumbing Charges Lumpsum -fixing all plumbing , sanitary ietms , All pipes concealing in to walls		
<u>Soak pit -material</u>		
Soat pit -40mm metal Layes		0.91
Soat pit -20mm metal Layes		0.91
Soak pit -Sand Layer		0.91
Providing & laying 3 feet diameter 1 feet height cement rings and grouted with fine sand mix including well rammed, finishing the top smooth - With cement concrete 1:2:4, 12.5mm aggregates, 50mm thickness ,including Transportation , Labour cost ect .	6.00	
Providing & laying 4 feet diameter cement rings cap and grouted with fine sand mix including well rammed, finishing the top smooth - With cement concrete 1:2:4, 12.5mm aggregates, laid 75mm thickness ,including Transportation , Labour cost ect .	1.00	

ANCHERU

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Breath (M)	Height/Depth (M)	Quantity	Unit	Rate (Rs)	Amount (Rs)
0.61	0.61	4.76	CUM		
0.61	0.61	3.62	CUM		
		8.38	CUM		
		7.00	CUM		
0.61	0.10	0.78	CUM		
0.61	0.10	0.60	CUM		
		1.38	CUM		
0.61	0.61	4.76	CUM		
0.61	0.61	2.27	CUM		
		7.02	CUM		

0.15	2.59	4.57	CUM		
0.15	2.59	2.41	CUM		
0.15	0.76	0.64	CUM		
		6.34	CUM		
2.59		30.00	SQM		
2.59		28.43	SQM		
2.59		31.58	SQM		
0.76		4.18	SQM		
		85.83	SQM		
1.22		1.86	SQM		
1.52		2.17	SQM		
1.52		3.87	SQM		
		7.90	SQM		

1.22		3.72	SQM		
1.22		3.47	SQM		
1.22		3.72	SQM		
1.22		2.97	SQM		
1.52		3.87	SQM		
0.76		6.97	SQM		
0.76		2.79	SQM		
		14.74	SQM		
1.52		9.75	Sqm		
—	—	8.00	No's		

-	-	1.00	No's		
1.98		11.47	SQM		
		30.00	KGS		
1.83		30.00	KGS		
		10.00	NO'S		
		90M	NO'S		
		1.00	NO'S		
		3.00	NO'S		
		10.00	NO'S		
		3.00	NO'S		

		5.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		2.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		40.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		3.00	NO'S		
		2.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		40.00	NO'S		
		1.00	NO'S		
		1.00	NO'S		
		3.00	NO'S		
		2.00	NO'S		
		1.00	NO'S		

		1.00	NO,S		
		1.00	NO,S		
		1.00	NO,S		
		3.00	NO,S		
		6.00	NO,S		
		3.00	NO,S		
		20.00	NO,S		
		10.00	NO,S		
		2.00	NO,S		
		4.00	NO,S		
		4.00	NO,S		
		1.00	NO,S		
		2.00	NO,S		
		4.00	NO,S		
		7.00	NO,S		
		6.00	NO,S		
		1.00	NO,S		
		1.00	NO'S		

2.59		60.01	SQM		
2.59		9.48	SQM		
1.52		13.93	SQM		
1.52		3.72	SQM		
1.52		4.34	SQM		
		91.47	SQM		
2.29		13.24	SQM		
0.46		0.21	sqm		
		2.00	NO'S		
		8.00	NO'S		
		2.00	NO.S		
		1.00	NO.S		
		1.00	NO.S		
		2.00	NO,S		

0.76	0.30	0.92	CUM		
0.76	0.10	0.30	CUM		
0.10	0.91	0.34	CUM		
0.10	0.91	0.09	CUM		
0.91		3.34	SQM		
0.91		3.16	SQM		
0.91		0.93	SQM		
0.91		0.74	SQM		
		8.17	SQM		

0.61		2.23	SQM		
0.61		4.46	SQM		
0.91		3.34	SQM		
1.52		6.04	Sqm		
3.66		3.34	sqm		
0.46		0.21	sqm		

		8.00	No's		
		4.00	No's		
		10.00	No's		
		6.00	No's		
		8.00	No's		
		1.00	No's		
		1.00	No's		
		4.00	No's		
		2.00	No's		
		10.00	No's		
		3.00	No's		
		2.00	No's		
		2.00	No's		
		1.00	No's		
		1.00	No's		
	0.30	0.50	Ton		
	0.30	0.50	Ton		
	0.30	0.50	Ton		
		6.00	6.00		
		1.00	No's		

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Name of work: BEE

Sl No	Item No.
1	<u>BW.1</u>
2	
3	1
4	2
51	<u>RF.2</u>
5	
6	<u>2</u>
7	
8	<u>1</u>
9	<u>2</u>
10	<u>FL.03</u>

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12	
13	
14	
18	
19	1
20	2
21	3
22	4
23	5
24	<u>DR.4</u>
25	
26	1
27	<u>PLM.5</u>

28	
29	
30	1
31	3
32	10
33	11
34	12
35	13
36	14
37	15
38	16
39	17
40	19
41	20
42	22
43	<u>EL-6</u>
44	
45	1
46	2
47	3
48	4
49	5

50	6
51	7
52	8
53	<u>INC.7</u>
54	
55	1
56	2
57	3
58	4
59	5
60	6
61	7
62	<u>NVM.8</u>
63	
64	1
65	2
66	3
67	4
68	5
69	6
70	7
73	8
74	<u>PNW.9</u>

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77	1
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81	5
82	6
83	7
84	8
85	9
86	10
87	11
88	<u>IEC .10</u>
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90	<u>DWB.11</u>
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92	1
93	4
94	5
95	6

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RAMGUDA GOVERNMENT HIGH SCHOOL(RENOVATION WORKS)

Description	No's
<u>BRICK WORK</u>	
Red Bricks size (19cm * 9cm * 9cm)Thikness outre 4" wall ,cement motor 1:4 (1-cement:4-sand)finishing with Smooth finish ,Conveyance of all materials,Including transporation , Material shifting , Labour cost etc.Before construct the walls , have to curing the bricks in water at least 60mins.	
Long wall	2.00
Short wall	4.00
<u>ROOFING WORKS</u>	
Providing & fixing trapezoidal Pre painted Galvalume (PPGI-120 GSM-550MPA) sheets with metal sealed EPG10 colour coats system - 0.5mm CRIL or TATA ,JINDHAL,JSW or Equivalent Brand ,Including Transportation ,Materia shifting , Labour cost etc	1.00
Drinking water area	1.00
Providing & fixing Square pipes -40mm *40mm , Pre painted Galvalume Pre painted (PPGI--120GSM-350MPA) 4mm .TATA ,JSW, EVEREST or Equivalent Brand ,Conveyance of all materials , Labour cost ect .	
Girls toilets area	2.00
drinking water area	8.00
<u>FLOORING WORKS</u>	

Providing & Existing floor chiping and fixing Anti skid ceramic titles 300x300mm laid on bed of 25mm thick cement mortar 1:3(1 -Cement ,3 - sand) Tile colour white or ivory with Grouting finishing the joints with similar colour of the titles Orient or Equivalent Brand .: - in toilet floors ,Conveyance of all materials, Including transporatation ,Labour cost etc	
Boys toilet and girls toilet area	1.00
Drinking water area	1.00
Providing & laying 40 mm thick factory made cement concrete interlocking paver block of approved size, design & shapes -I Dumble ,Zig zag , Milano ,Basil ,Hexagon laid in Red and yellow (Mixing) colour and pattern over and including 20 mm thick compacted bed of coarse sand, filling the joints with fine sand ,,Conveyance of all materials Including transporatation ,Labour cost etc	
Providing & fixing Wall tiles 250 x 450 mm laid on bed of 25mm thick cement mortar 1:3 (1 -Cement ,3 -sand) tiles colour -blue with Grouting finishing the joints with similar colour of the titles Sonic Gold primium or Equivalent Brand .,Conveyance of all materials , Labour cost etc .	
Drinking water area long walls	4.00
toilets short walls	4.00
Toilet short walls	4.00
Long walls	4.00
side walls	2.00
<u>DOORS</u>	
Providing & fixing IRON frame with 8 mm steel bars applying zink primer type as per drawing including all accessories, and RCC lintals ,Conveyance of all materials , Labour cost ect .	
Boys and Girls toilets and urinals areas	10.00
<u>PLUMBING SANITARYWARE</u>	

Providing and fixing Plumbing and sanitary items ,All pipes concealing in to walls , Need to place the pipes in floor as well if required. sanitary items Anxy ,Roxo or Equivalent Brand Pipes -Ashirvad , Prince or astral Equivalent Brand .Conveyance of all materials,Including transporation,Soil excavation and Labour cost etc.	
<u>Fittings for Girls toilet& Boys toilet wash basins</u>	
Urinals(ceramic white with all fittings)	7.00
wash basins(ceramic white pedestal with wash basin(Hind ware) with all fittings	7.00
CPVC Solution (100ml)	2.00
3/4 CPvc Coupelars	10.00
Cpvc elbo	10.00
3/4 cpvc pipes	15.00
Cpvc brass elbo	6.00
75mm pvc pipe	6.00
100mm non trap	4.00
75mm pvc elbo	2.00
Providing and arranging water buckets (20lit) with Mugs in toilets ,Conveyance of all materials,Labour cost etc. Chaten plast or equavalent brand	4.00
1 1/2 inch pvc pipe 10ft	1.00
Plumbing Charges Lumpsum -fixing all plumbing , sanitary ietms , All pipes concealing in to walls and floor area ,total block pulumbing charges	
<u>ELECTRICAL ITEMS</u>	
Providing & fixing electrical items as per electrical points and PVC pipes and M.S boxes Concealing pipes into the wall offers them a measure of security. Wire arrange from near by existing room power facility.	
Pvc pipes -19mm-10ft	20.00
2.5sq mm wire - Finolex Brand	3.00
Electrical pvc 4 Module water proof Gang box with switches	3.00
Angle holders	6.00
Pvc tape	3.00

Pvc Junctin boxes	10.00
Philips led Bulbs	6.00
Labour charges -Lumpsum charges all blocks in this drawing	1.00
NAPKIN INCINERATOR ELECTRICAL TYPE & ELECTRICAL ITEMS	
Providing and fixing incinerator electrical type minimum capacity -240 pads per day , Virgo brand or Equavalent Brand ,Conveyance of all materials ,Labour cost etc	
Incinerator electrical type	1.00
White Plastic 2 Modular Surface Gang Box, for Electric Fitting, Module - 1 Moduler Spce PLATE -1	1.00
4 sq mm wire	1.00
switch 10A	1.00
Plug Soacket	1.00
PVC Pipe -19 mm -10 feet	3.00
Junction box -4 way ,L bend	2.00
NAPKIN VENDING MACHINE ELECTRICAL TYPE	
Providing and fixing incinerator electrical type minimum Storage capacity -30 pads , Virgo brand or Equavalent Brand ,Conveyance of all materials ,Labour cost etc	
Napkin Vending machine electrical type	1.00
White Plastic 2 Modular Surface Gang Box, for Electric Fitting, Module - 1 Moduler Spce PLATE -1	1.00
4 sq mm wire	1.00
switch 10A	1.00
Plug Soacket	1.00
PVC Pipe -19 mm -10 feet	3.00
Junction box -4 way ,L bend	2.00
vending machine and incinerator fitting Labour charges -Lumpsum charges	1.00
PAINT WORK	

Providing and applying emulsion Primer White paint and on surface layer emulsion dark colour paint - Asian paints or Equavalent brands , Colour as per client choice , for cement, masonry, plaster, two coats on existng work and new work ,and removing existing wall paint ,Including transport , material shifting , labour charges etc	
Boys and Girls toilets and urinals areas	
Boys toilets and urinals long walls	2.00
Boys toilets and urinals short walls	2.00
Girls toilet and urinals area long walls	2.00
Girls toilet and urinals area Short walls	2.00
Boys toilets and urinals long walls internal	2.00
Boys toilets and urinals short walls internals	2.00
Girls toilet and urinals area long walls internal	2.00
Girls toilet and urinals area Short walls internal	2.00
Deduction of door area	11.00
IEC Wall writings ,Pictures drawing	
Providing and applying ,writing IEC Design and Draw pictures on the wall surface using Enamel type paint - Asian paint or equavalent brand Colour and pictures as per cleint choice ,Including transporation , Material shifting , Labour cost etc.	2.00
<u>DOOR , WINDOW, BRANDING BOARD COMPONENTS</u>	
Providing & fixing Branding visibility Board aWith Logos , cleint Names stainless steel 4-mm Guage Plate ,design Etching method ,Conveyance of all materials , Labour cost etc.	3.00
Sanitizer Dispenser wall Mounted (Foot operated)	1.00
Door lock pads	5.00
Soap hangers	8.00
Dustbin	3.00

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**Note : The quantites indicated are based on estimation ,which may vary upward c
water Curing to be done on the contractor side**

The work should be completed as directed by the Engineer -in -charge

Use only mentioned material brands in work execution ,Equivalent brands must a

Cement -53 Grade ULTRATECH or Equivalent brand

Steel -500D ,TATA or VIZAG Steel or Equivalent Brand

Contractor has to submit the Bills of authorised dealers from whom procurement of r

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Note : The quantities indicated are based on estimation ,which may vary upward or downward
 water Curing to be done on the contractor side

The work should be completed as directed by the Engineer -in -charge

Use only mentioned material brands in work execution ,Equivalent brands must apply

Cement -53 Grade ULTRATECH or Equivalent brand

Contractor has to submit the Bills of authorised dealers from whom procurement of

ies

Γ PATANCHERU

Lenth (M)	Breath (M)	Height/Depth (M)	Quantity	Unit	Rate (Rs)
13.41	0.23	0.30	1.87	CUM	
2.44	0.23	0.30	0.68	CUM	
13.97	3.20		44.70	SQM	
4.57	6.10		27.87	SQM	
13.41			134.00	KGS	
4.57			36.56	KGS	

13.50	2.44		32.92	SQM	
4.37	2.21		9.65	SQM	
1.60	1.52		9.75	SQM	
0.91	1.52		5.57	SQM	
1.10	1.52		6.69	SQM	
2.44	1.52		14.86	SQM	
6.10	1.52		18.58	SQM	
			55.46	SQM	
0.76	1.83		30.00	KGS	

			7.00	NO,S	
			7.00	NO,S	
			2.00	NO,S	
			10.00	NO,S	
			10.00	NO,S	
			15.00	NO,S	
			6.00	NO,S	
			6.00	NO,S	
			4.00	NO,S	
			2.00	NO,S	
			4.00	NO,S	
			1.00	NO,S	
				NO,S	
			20.00	NO'S	
			90M	NO'S	
			3.00	NO'S	
			6.00	NO'S	
			3.00	NO'S	

			10.00	NO'S	
			5.00	NO'S	
			1.00	NO'S	
			1.00	NO'S	
			1.00	NO'S	
			40.00	NO'S	
			1.00	NO'S	
			1.00	NO'S	
			3.00	NO'S	
			2.00	NO'S	
			1.00	NO'S	
			1.00	NO'S	
			40.00	NO'S	
			1.00	NO'S	
			1.00	NO'S	
			3.00	NO'S	
			2.00	NO'S	
			1.00	NO'S	

13.66	2.74		74.96	SQM	
2.90	2.74		15.88	SQM	
14.63	2.74		80.26	SQM	
3.12	2.74		17.14	SQM	
13.18	2.74		72.32	SQM	
2.44	2.74		13.38	SQM	
14.17	2.74		77.75	SQM	
2.94	2.74		16.10	SQM	
			367.79	SQM	
0.76	1.83		15.33	SQM	
			352.47	SQM	
2.90	2.44		14.12	SQM	
0.46	0.46		0.63	sqm	
			2.00	NO.S	
			5.00	NO'S	
			8.00	NO.S	
			3.00	NO.S	

en mentioned in the Price Bid
