

Preimilary Cum Detailed Estimate										
Name of the work: - repair and Rennovation work for wash basin platform at ESIC SSH, Sanathnagar										
Item No	DSR 2023	Description	No	L	B	H	quantity	Unit	Rate (In Rs/unit)	Amount (In Rs)
1	8	CLADDING WORK								
2	8.2	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.								
3	8.2.2.2	Slab (Plat form) 5 basin	7	4.83	0.81		27.39			
		Slab (Plat form) 4 basin	1	4.1	0.81		3.32			
		Slab (Plat form) 3 basin	7	2.87	0.81		16.27			
		Slab (Plat form) 2basin	2	1.83	0.81		2.96			
		Slab (Plat form) 1 basin	38	0.93	0.81		28.63			
		Total					78.57			
		Deduction for wash basin	102	0.26	0.205		-17.07	3.14		
Area of slab over 0.50 sqm							61.50	sqm	5136.3	315877.70
4	8.3	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.								
		Slab (Plat form) 5 basin	7	6.45			45.15			
		Slab (Plat form) 4 basin	1	5.72			5.72			
		Slab (Plat form) 3 basin	7	4.49			31.43			
		Slab (Plat form) 2basin	2	3.45			6.90			
		Slab (Plat form) 1 basin	38	2.55			96.90			
5	8.3.2	Granite work					186.10	mtr	510.95	95087.80
6	8.31	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.								
		Slab (Plat form) 5 basin	7	34	2.1		499.80			

Junior Engineer (Civil) / कनिष्ठ अभियंता (सिविल)
 10/12/2025
 106/17/025
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 18/12/2025
 Active Engineer - Civil
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 Sanathnagar, Hyderabad-500038

		Slab (Plat form) 4 basin	1	34.5	2.1		72.45			
		Slab (Plat form) 3 basin	7	19.5	2.1		286.65			
		Slab (Plat form) 2basin	2	15	2.1		63.00			
		Slab (Plat form) 1 basin	38	5.4	2.1		430.92			
		Total					1352.82	sqm	1267.95	1715308.119
7	8.4	Extra for fixing marble /granite stone, over and above corresponding basic item, in facia and drops of width upto 150 mm with epoxy resin based adhesive, including cleaning etc. complete.								
		Slab (Plat form) 5 basin	7	6.45			45.15			
		Slab (Plat form) 4 basin	1	5.72			5.72			
		Slab (Plat form) 3 basin	7	4.49			31.43			
		Slab (Plat form) 2basin	2	3.45			6.90			
		Slab (Plat form) 1 basin	38	2.55			96.90			
		Granite work					186.10	mtr	568.55	105807.16
8	8.5	Extra for providing opening of required size & shape for wash basin/kitchen sink in kitchen platform, vanity counter and similar location inmarble/ Granite/ stone work, including necessary holes for pillar tapsetc. including moulding, rubbing and polishing of cut edges etc. complete.	102					each	978.70	99827.40
9	10	STEEL WORK								
10	10.28	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channpels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railingwith necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in- charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).								
		SS square holow tube (50x50x5) mm								
		Slab (Plat form) 5 basin	7	12.9			643.84	7.13		
		Slab (Plat form) 4 basin	1	11.44			81.57	7.13		
		Slab (Plat form) 3 basin	7	8.98			448.19	7.13		
		Slab (Plat form) 2basin	2	6.9			98.39	7.13		
		Slab (Plat form) 1 basin	38	5.1			1381.79	7.13		
		SS equal angle support for the plat form (40x40x4) mm							1096.55	
		Slab (Plat form) 5 basin	7	2.68			45.21	2.41		
		Slab (Plat form) 4 basin	1	2.01			4.84	2.41		

Junior Engineer (Civil) / శాంతినగరం (మిడియల్ కాలేజీ) / శాంతినగరం (మిడియల్ కాలేజీ) / Sanathnagar, Hyderabad-38

శ్రీ లోకేంద్ర సింగ్ / Shri.Lokendra Singh
 సహాయ కార్యకర్త/ Assistant Executive Engineer - Civil
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		Slab (Plat form) 3 basin	7	2.01			33.91	2.41		
		Slab (Plat form) 2basin	2	1.34			6.46	2.41		
		Slab (Plat form) 1 basin	38	1.34			122.72	2.41		
		Total					2866.93	kg	772.4	2214413.95
11	11	FLOORING								
12	11.37	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White,Ivory, Grey,Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement :4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete								
		Slab (Plat form) 5 basin	7	7.48	3.95		206.82			
		Slab (Plat form) 4 basin	1	7.8	3.8		29.64			
		Slab (Plat form) 3 basin	7	6	3.8		159.60			
		Slab (Plat form) 2basin	2	4.72	2.44		23.03			
		Slab (Plat form) 1 basin	38	1.6	1.5		91.20			
							510.30	sqm	1096.55	559564.64
13	15	DISMANTLING AND DEMOLISHING								
		Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead								
		Square Hollow Section (30x30x5)								
		Slab (Plat form) 5 basin	7	12.9			265.482	2.94		
		Slab (Plat form) 4 basin	1	10.63			31.2522	2.94		
		Slab (Plat form) 3 basin	7	8.17			168.1386	2.94		
		Slab (Plat form) 2basin	2	5.28			31.0464	2.94		
		Slab (Plat form) 1 basin	38	3.48			388.7856	2.94		
		Inclined angel support (30x30x5)								
		Slab (Plat form) 5 basin (4 support)	7	2.68			41.27	2.2		
		Slab (Plat form) 4 basin (3 support)	1	2.01			4.42	2.2		
		Slab (Plat form) 3 basin (3 support)	7	2.01			30.95	2.2		
		Slab (Plat form) 2basin (3 support)	2	1.34			5.90	2.2		
		Slab (Plat form) 1 basin (2 support)	38	1.34			112.02	2.2		
		Verticle Flats								
		Slab (Plat form) 5 basin	7	0.5	0.05	0.006	32.97	7850		
		Slab (Plat form) 4 basin	1	0.5	0.05	0.006	4.71	7850		
		Slab (Plat form) 3 basin	7	0.5	0.05	0.006	32.97	7850		

		Slab (Plat form) 2basin	2	0.5	0.05	0.006	9.42	7850		
		Slab (Plat form) 1 basin	38	0.5	0.05	0.006	178.98	7850		
							1338.32			
		Dedudction for rusting (Assume 50 %)					669.16	kg	5.65	3780.76
15	15.6	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.								
		Floor								
		Slab (Plat form) 5 basin	7	7.48	3.95	0.05	10.34			
		Slab (Plat form) 4 basin	1	7.8	3.8	0.05	1.48			
		Slab (Plat form) 3 basin	7	6	3.8	0.05	7.98			
		Slab (Plat form) 2basin	2	4.72	2.44	0.05	1.15			
		Slab (Plat form) 1 basin	38	1.6	1.5	0.05	4.56			
		Wall								
		Slab (Plat form) 5 basin	7	34	2.1	0.02	10.00			
		Slab (Plat form) 4 basin	1	34.5	2.1	0.02	1.45			
		Slab (Plat form) 3 basin	7	19.5	2.1	0.02	5.73			
		Slab (Plat form) 2basin	2	15	2.1	0.02	1.26			
		Slab (Plat form) 1 basin	38	5.4	2.1	0.02	8.62			
		Total					52.57	cum	263.95	13876.16
16	17	SANITARY INSTALLATIONS								
17	17.22 A	Providing and fixing CP Brass 32 mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.	102				102.00	each	1034.8	105549.60
18	18	WATER SUPPLY								
19	18.53.1	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 (15 mm nominal bore)	204				204.00	each	574.3	117157.20
20	18.7	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply and all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge								
21	18.7.3	25 mm nominal dia Pipes	1	15			15.00	mtrs	401.55	6023.25
22	18.7.4	32mm nominal dia Pipes	1	15			15.00	mtrs	518.75	7781.25
23	18.7.5	40 mm nominal dia Pipes	1	15			15.00	mtrs	702.95	10544.25

18/12/2025
 Senior Engineer (Civil) / कमिष्ण अभियंता (सिविल)
 ईएसआईसी मेडिकल कॉलेज और अस्पताल/
 ESIC Medical College & Hospital
 सानथनगर हैदराबाद / Sanathnagar, Hyderabad-38

18/12/2025
 Senior Engineer (Civil) / श्री लोकेंद्रा सिंग
 ईएसआईसी मेडिकल कॉलेज और अस्पताल - सानथनगर
 Executive Engineer - Civil
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 सानथनगर, हैदराबाद-500038, Sanathnagar, Hyderabad-500

24	18.8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings and fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc							
25	18.8.2	20 mm nominal dia pipe	1	15		15.00	mtrs	537.6	8064.00
26	18.8.3	25 mm nominal dia Pipes	1	15		15.00	mtrs	627.25	9408.75
27	26	NEW TECHNOLOGIES AND MATERIALS							
28	26.89.1	Providing and fixing 18 mm thick factory made single extruded WPC (Wood Polymer Composite) solid board one side white color and other side of board laminted with PVC foil of minimum 14 micron thickness of approved design pasted with hot melt adhesive for cup boards, work stations and bathroom/kitchen cabinet etc. of required sizes comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm2, modulus of elasticity 850 N/mm2 and resistance to spread of flame of Class A category with property of being termite/ borer proof, water/moisture proof and fire retardant and fixing with stainless steel piano hinges/soft close clip on concealed hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In- Charge) For fixing on square holow tube frame for wash basin counter with glue/screw							
		Slab (Plat form) 5 basin	7	4.83	0.81	27.39			
		Slab (Plat form) 4 basin	1	4.1	0.81	3.32			
		Slab (Plat form) 3 basin	7	2.87	0.81	16.27			
		Slab (Plat form) 2basin	2	1.83	0.81	2.96			
		Slab (Plat form) 1 basin	38	0.93	0.81	28.63			
		Total				78.57			
		Deduction for wash basin	102	0.26	0.205	17.07	3.14		
		18 mm thick				61.50	sqm	2992.9	
		Sub Total....A(DSR)							

Shri Lokendra Singh
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Junior Engineer (Civil) / कनिष्ठ अभियंता (सिविल)
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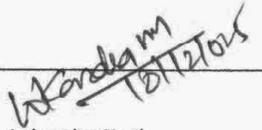
SSR Items										
29	TBSP-E.VI-11	Supplying & fixing oval shape basin white (520x410mm) parry or equivalent	102				102.00	each	3912.25	399049.50
30	TBSP-F.V-07 (SSR)	S&F of 15 mm central hole Chromium plated finish brass body basin mixer 450 mm long pipe for hot & cold water mixing conforming to IS 8931 and with 10 years warranty	102				102.00	each	5152.79	525584.58
31	TBSC-J.IV-29	Supply and fixing of the frameless Mirror of 4mm thickness of length maximum 8' and height 2' including the cost of all materials, nosing, transportation charges, labour charges for fixing the letters, incidental, overheads & contractors profit etc. complete for finished item of work.	102	1.1	1		112.20	sqm	5072.01	569079.52
Sub Total.... B(SSR)										1493713.60
32	NSR	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per direction of Engineer-in-charge								
		Slab (Plat form) 5 basin	7	34	2.1		499.80			
		Slab (Plat form) 4 basin	1	34.5	2.1		72.45			
		Slab (Plat form) 3 basin	7	19.5	2.1		286.65			
		Slab (Plat form) 2basin	2	15	2.1		63.00			
		Slab (Plat form) 1 basin	38	5.4	2.1		430.92			
							1352.82	Sqm	531.180	718590.93
Buy back material										
		Basin mixer	1	102	1.2		122.40			
		Bottle trap	1	102	.5		51.00			
		Total					173.40	kg	150	26010.00
		Total.....D								-26010.00
		Iron	1				669.16	kg	30	-20074.80
		Total(Buy back material)								-46084.80
		Sub Total (C) (NSR)								718590.93
		Add 0.973 of modified estimated cost after using correction factor on DSR 2023 items(0.973*Sub Total (A)).....(D)								5421684.995
		Add cost index(103-100)/100 on DE								162650.55
		Total (D+E).....F								5584335.54
		Total (B+C+F)-Buy back material.....G								7750555.27
		Add ESI & PF @ 11.02 % on G H								854111.19
		Total (G+H) I								8604666.47
		Add Contingencies@ 5% on G....J								387527.76
		Grand Total (I+J)K								8992194.23

Adish
18/12/2025

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7

श्री लोकेन्द्र सिंह / श्री Lokendra Singh
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	Say	8992194
 Ashish Patel Juinior Engineer (Civil)		 Lokendra Singh Assistant Executive Engineer(Civil)

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