

DNIT for Repair and maintainance of SHB at 132kV S/S Sihora

S No	Qty	Description of an item	Units	CSR Ref	CSR/ Deptt Rates	Rate to be quoted by contractor
1	49	Regrading terracing of mud plaster covered with tiles or bricks in cement by dismantling tiles or bricks, removing mud plaster, preparing the surface of mud plaster to proper, slope, relaying mud plaster Gobri leaping and tiles or bricks grouted in cement mortar 1:3 (1 cement and 3 fine sand)	Sqm	31.11	348.67	
2	160.00	Cement concrete 1:2:4 gola 10cm x 10cm concave quadrant	Rm	13.55	44.30	
3	0.453	Replacement of worn out tiles with new one New tiles @ Rs.((4761.90+10%+1%)=5290.47	1000no	NS	5943.85	
4	49	Providing and fixing Polythene sheet	Sqm	NS	20.00	
5	26.16	Scraping of Cement Plaster	Sqm	8.31(c)	32.14	
6	38.16	12.5mm thick cement plaster 1:4	Sqm	15.9	136.67	
7	35.1	Dismantling cement conglomerate floors (25mm to 50mm) thick without concrete base	Sqm	8.16	97.32	
8	9.5	Conglomerate floor 25mm thick cement concrete topping 1:2:4 using mechanical mixer for mixing of material	Sqm	14.5	169.72	
9	9.5	P/F Anti-skid floor tiles 10mm thick in flooring skirting and dado in 12.5mm thick cement plaster 1:3 in base and jointed with white cement slurry in joints including corners angles and beading	sqm	14.72	557.22	
10	25.6	P/F 1st quality ceramic glazed wall tiles conforming to fsize 200 x 300mm assteps and dados over 12 mm thick bed of cement mortar 1:4 approved by Engineer-in-charge in	sqm	14.127	688.43	
11	3	Removing Doors and Windows (Steel or wood) with chowkhats by making recesses in walls when the wall is not to be dismantled a)Door of area 3 sqm and below	No	8.26(a)	199.11	
11 a	1	Window of area 3 sqm and below	No	8.26(b)	126.79	
12	27.37	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate z sections and other sectionsJindal, Hindalco, Mahavir or equivalent make approved by Engineer in Charge	KG	17.45(a)	314.28	
13	27.14	For shutters of doors, windows & ventilators including providing and fixing hinges/pivots and labour for fixing of fittings wherever required including the cost of PVC Plug / neoprene gasket required	Kg	17.45(b)	328.57	
14	3.39	Providing and fixing 12mm thick prelamated particle board flat pressed three layer or graded wood particle board in paneling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete	sqm	17.46(i)	853.57	
15	5.482	Cost of Aluminium fittings complete for doors, windows such as tower bolts, handless and screw etc. for these fittings (Excluding sliding bolt)	sqm	17.23(ii)	99.11	
16	2.64	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC Plug/ neoprene gasket etc. complete	sqm	17.47(i)	924.1	

17	6	Wiring fan point without fan box in PVC insulated copper conductor single core FRLS cable (ISI marked) overall 1.5 sq. mm, 1100volts grade with step type electronic fan regulator 100watts	No	34.05(i)a	876.12	
18	15	Wiring light point in PVC insulated copper conductor single core FRLS cable (ISI marked) overall 1.5 sq. mm, 1100volts grade.	No	34.05(ii)	612.72	
19	1	Wiring call-bell point in PVC insulated copper conductor single core FRLS cable (ISI marked) overall 1.5 sq. mm, 1100volts including the cost of bell push, electronic buzzer & powder coated concealed metal box for electronic buzzer).	No	33.05(iii)	564.73	
20	10	Wiring 3 pin 6 Amp. wall socket (Shuttered) point in PVC insulated copper conductor single core FRLS cable (ISI marked) overall 1.5 sq. mm, 1100volts grade complete with FRLS cable (ISI marked) overall 1 sq. mm, 1100volts grade.	No	34.05(iv)	466.52	
21	58	Supply and erection of PVC insulated single core FRLS copper conductor cable ISI marked left bare in pipe or casing of suitable size excluding the cost of supply and erection of pipe or casing. PVC insulated copper conductor single core FRLS cable (ISI marked) overall 2.5 sq. mm, 1100volts grade	Rm	34.09(iii)	31.34	
22	50	PVC insulated copper conductor single core FRLS cable (ISI marked) overall 4 sq. mm, 1100volts grade	Rm	34.09(iv)	45.27	
23	6	Wiring 3 pin 16/20 amp. power plug control (shuttered) and switch.	No	34.05(vi)	356.03	
24	60	Supply and Erection of Heavy gauge PVC conduit pipe 25mm dia. (ISI marked 2mm thick) Flushed	RM	34.11(ii)	102.68	
25	6	Supplying and Erection of Miniature circuit breaker single pole 0.5 to 4amp. (Breaking capacity 10kA, Curve-C) suitable for 240/ 415 volts 50cycles AC supply	no	34.16a(i)	251.92	
26	1	Sheet metal double door S.P. & N. distribution board (dust protected) provided with bus bar, neutral link and din bar, suitable for incorporating MCB's/ RCBO/ RCCB's, 12way each as per csr	no	34.17(iii)	1523.75	
27	12	Providing and laying, jointing fixing and testing G.I. Pipe lines B-Class including cost of specials such as tees, bends, sockets, elbows etc. testing, cutting, threading Inside building complete 15mm i/d	MTR	28.36(a)	184.94	
28	12	Providing and laying, jointing fixing and testing G.I. Pipe lines B-Class including cost of specials such as tees, bends, sockets, elbows etc. testing, cutting, threading Inside building complete 20mm i/d	MTR	28.36(b)	230.70	
29	2	Providing, fixing and jointing G.I union complete on all respect 15mm i/d G.I union	No	28.40(a)	81.25	
30	2	Providing, fixing and jointing G.I union complete on all respect 20mm i/d G.I union	No	28.40(b)	134.67	

31	20	Providing, Stringing out U.P.V.C. Pipes casting as per IS:15328-2003 class-SN-8 along the trenches and laying the same in Trenches to correct alignment and gradients, cutting and jointing including cost of specials complete as per specifications.110mm o/d pipe	MTR	30.74(iii)b	265.8800	
32	4	Providing and fixing in position S.S grating with Frame of approved brand	No	30.80	98.80	
33	755.69	Wall painting with plastic emulsion paint of approved brand and manufacturer to give an even shade (two coats)	Sqm	16.63	79.46	
34	188.92	Preparation of plastered or concrete surface for painting (including sand papering the surface) using ready mixed cement based wall putty by applying two coats to get required finish	sqm	16.65	71.43	
35	649.3	Finishing walls with acrylic smooth exterior paint of required shade with two coats applied @ 1.67 litre/10sqm over and including base coat of water proofing Cement Paint applied @ 2.20 Kg/10 sqm	sqm	16.59	107.14	
36	84.8	Painting with acid proof paint of approved brand and manufacture to give an even shade two or more coats	sqm	16.64	78.57	
37	2	Providing and fixing double action hydraulic floor spring of approved brand and manufacture IS : 6315 marked, for doors including cost of cutting floors as required, embedding in floors and cover plates with brass pivot and single piece	EACH	17.48	1662.50	
38	2	P/F in position chinaware European type water closet P trap or S trap (to the approval of the Engg.-in-charge) suite-consisting of 10 ltr. PVC flushing cistern supported on angle iron bracket, short bend 32mm dia	No.	30.4	4267.86	
39	2	P/F jet spray with 2'-6" long PVC pipe with C.P. Brass Nut	No.	30.8 a	425.00	
40	2	Providing & fixing in position vitreous Chinaware white Indian make flat back or angular lipped front small urinals size 265x315x440mm approved make (to the approval of the Engineer-in-charge) with C.P. brass tube connection 300 mm long complete in all respect.	No.	30.15	2666.96	
41	2	Providing and fixing in position vitreous chinaware white lavatory suites of approved make (to the approval of Engineer-in-charge) consisting of C.P. brass waste 32mm dia with one C.P. brass pillar tap including Rack Bolt Screw Pair 115mm long complete in all respect. Size 550 x 400mm	No.	30.32 2	3226.79	
42	4	P/F in position 15 mm i/d bib cock of cp brass without flange (as approved by the Engineer-in-charge)	No.	30.65 (a) (ii)	818.75	
43	3	Providing & Fixing in postion stop cock / Angle valve of approved make (to the approval of Engineer-in-charge) complete in all respect. C.P.brass 15mm stop cock Male and female end	No.	30.66 (a)	716.96	

44	1	Providing & Fixing in position 5mm thick bevelled edge mirror of superior glass (of approved make) complete with 4mm thick hard board backing fixed in with rawl plugs 50mm, C.P. brass screws and washers and S/S Studs on top complete in all respect (as	No.	30.61 (a)	1070.53	
45	1.16	First class burnt brick work laid in cement sand mortar 1:5 in first storey upto 4 metres above plinth level.	cum	11.6	4211.42	
46	500.00	Providing & fixing of Water Storage Tank	LTR	30.97 (a) (i)	9.64	
47	20.00	Less iron scrap	kg		-20	
48	80.00	less wooden scrap	kg		-6	
49		Extra carriage and difference of Material rates				
(i)	1.1	Cement	MTR	AOR	313.21	
(ii)	1.7	fine sand	Cum	AOR	256.8	
(iii)	0.68	coarse sand	Cum	AOR	339.55	
(iv)	0.68	crusher 11.2mm	Cum	AOR	355.63	
(v)	0.68	crusher 13.2mm	Cum	AOR	308.11	
(vi)	0.56	Bricks	No.s	AOR	642.79	
(vii)	0.45	Tiles	No.s	AOR	653.38	

Notes: -

1. These rates are through rates exclusive of Cement & Steel that shall be issued by PSTCL from jamsher/ablowal store(As per Availability).
2. PWD/ PSTCL specifications will be followed for all the above items, for which ref. to CSR items and NS items is given.
3. For any NS item, which is not covered in DNIT, shall be allowed on the same pattern of AOR with the prior approval of Er – in – Charge.
4. GST will be applicable as per Govt. norms and will be paid extra.

5 Rates of taxes and duties if any applicable must be mentioned clearly otherwise maximum rate shall be taken into account for evaluation purposes.

6 At the time of final billing, the merit position w.r.t actual work done shall be prepared again and total payment to be paid to the contractor shall be restricted as per cost percentage w.r.t. departmental rates of L-1 in revised comparative statement and approved comparative statement . In case if the merit position of L-1 contractor changes, the total payment to contractor will be restricted to L-1 Cost of revised comparative statement.

Signature of vendor

