

DNIT for Repair and maintainance of SHB at 220 KV S/S Jagraon

S No	Qty	Description of an Item	Unlts	CSR Ref	CSR/ Deptt Rates	Rate to be quoted by contractor
1	276.9	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)	Rm	31.11	348.67	
2	110	Cement concrete 1:2:4 gola 10cm x 10cm concave quadrant	Sqm	13.55	44.40	
3	2.561	Replacement of worn out tiles with new one New tiles @ Rs.((5350+10%+1%)=5943.85	1000no	NS	5943.85	
4	276.9	Providing and fixing Polythene sheet	Sqm	NS	20.00	
5	103.36	Scraping of Cement Plaster	Sqm	8.31(c)	32.14	
6	133.78	12.5mm thick cement plaster 1:4	Sqm	15.9	136.67	
7	6	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	
b	1	Window of area 3 sqm and below	No	8.26(b)	126.79	
8	62.65	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate z sections and other sections Jindal, Hindalco, Mahavir or equivalent make approved by Engineer in Charge	KG	17.45(a)	314.28	
9	65.56	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	
10	4.34	Providing and fixing 12mm thick prelaminate 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	
11	17.02	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	
12	5.88	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC Plug/ neoprene gasket etc. complete	sqm	17.47(i)	924.11	
13	5	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	
14	20	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	
15	2	Wiring call-bell point in PVC insulated copper conductors 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	
16	15	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	

17	100	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	
18	50	PVC Insulated copper conductor single core FRLS cable (ISI marked) overall 4 sq.mm, 1100volts grade	Rm	34.09(iv)	45.27	
19	12	Wiring 3 pin 16/20 amp. power plug control (shuttered) and switch.	No	34.05(vi)	356.03	
20	80	Supply and Erection of Heavy gauge PVC conduit pipe 25mm dia. (ISI marked 2mm thick) Flushed	RM	34.11(ii)	102.68	
21	10	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	
22	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	
23	20	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 complet 15mm i/d	MTR	28.36(a)	184.94	
24	20	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 complet 20mm i/d	MTR	28.36(b)	230.7	
25	2	Providing, fixing and jointing G.I union complete on all respect 15mm i/d G.I union	No	28.40(a)	81.25	
26	2	Providing, fixing and jointing G.I union complete on all respect 20mm i/d G.I union	No	28.40(b)	134.67	
27	869.34	Wall painting with plastic emulsion paint of approved brand and manufacturer to give an even shade (two coats)	Sqm	16.63	79.46	
28	217.33	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	
29	507.4	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	
30	6	P&F LED Down ceiling light of 15 watts of approved make phillips or equivalents (as per the approval of engineer in charge) complete	each	NS	599.94	
31	4	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	1662.5	
32	2	Providing and fixing hydraulic door closer ISI mark with necessary screw etc. complete I.S.I Designation No. III (size of door 851mm to 1000mm)	each	17.43 c	1169.64	
33	2.16	Renewing glass panes with putty and nails wherever necessary	SQM	31.5 A	203.57	
34	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	
35	20	Less Iron scrap	kg	NS	20	

36	80	less wooden scrap	kg	N.S	6	
37	AOR	Extra carriage of Cement rate				
i	1.65	Cement	MT	Annex	339.33	
ii	3.79	fine sand	cum	Annex	256.80	
iii	0.39	Coarsand	cum	Annex	398.84	
iv	0.39	Crusher 11.2	cum	Annex	401.56	
v	0.39	Cusher 13.2	cum	Annex	355.55	
vi	2.56	Bricks	No.s	Annex	642.79	
vii	0.56	Tiles	No.s	Annex	653.38	

Notes:

1. The rates are trough rates exclusive of cement & steel. Cement & steel for the work shall be issued by the PSTCL at Jamsher/ablowal Store free of cost.
2. PWD/ PSTCL specifications will be followed for all the above items, for which ref. to CSR items are 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.

Signature of vendor