

DNIT FOR Repair & Maintenance of SHB at 132kV Sub-Station Phillaur

S No.	Qty.	Description of Item	Units	CSR Ref	CSR/ Deptt Rates	Rate to be quoted by contractor
1	23.20	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 Gobl leaping and tiles or bricks grouted in cement mortar 1:3 (1 cement and 3 fine sand)	Sqm	31.11	348.68	
2	10.00	Cement concrete 1:2:4 gola 10cm x 10cm concave quadrant	rmt	13.55	44.40	
3	0.22	Replacement of worn out tiles with new one	1000 No.s	NS	5943.85	
4	23.20	Providing and fixing polythene sheet	Sqm	NS	20.00	
5	185.48	Scraping of cement plaster	Sqm	8.31 c	32.14	
6	232.10	12.5mm thick cement plaster 1:4	Sqm	15.90	136.67	
7(a)	4.00	Removing Doors and Windows (Steel or wood) with chowkhats by making recesses in walls when the wall is not to be dismantled (Door of area 3sqm and below)	No	8.26(a)	199.11	
7(b)	5.00	Removing Doors and Windows (Steel or wood) with chowkhats by making recesses in walls when the wall is not to be dismantled (Window of area 3sqm or below)	No	8.26(b)	126.79	
8	55.56	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)	314.29	
9	59.76	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	2.89	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	
11	15.41	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	5.35	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	7.00	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	25.00	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	1.00	Wiring call-bell point in PVC Insulated copper conductorsingle 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	20.00	Wiring 3 pin 6 Amp. wall socket (Shuttered) point in PVCinsulated 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	50.00	Supply and erection of PVC insulated single core FRLS copperconductor 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 2.5sq.mm, 1100volts grade	rmt	34.09(iii)	31.34
18	50.00	PVC insulatd copper conductor single core FR cable (ISI marked) overall 1.5 sqmm 1100 volts grade	rmt	34.09(iv)	45.27
19	10.00	Wiring 3 pin16/20 amp. power plug control(shuttered)and switch.	No	34.05(vi)	356.03
20	50.00	Supply and erection of heavy gauge PVC conduct pipe 25mm dia. (ISI Marked 2mm thick) Flushed	rmt	34.11(ii)	102.68
21	10.00	Supply 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	34.16(a)(I)	251.92
22	1.00	Sheet metal double door S.P. &N distribution board (dust protected) provided with bus bar , neutral lik and din bar, suitable for incorporating MCB's/RCBO/RCCB's 12 way each	No	34.17(III)	1523.75
23	10.00	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
24	10.00	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 20 mm I/d	Mtr	28.36(b)	230.70

25	2.00	Providing, fixing and jointing G.I union complete on all respect 15mm I/d	No	28.40(a)	81.25	
26	2.00	Providing, fixing and jointing G.I union complete on all respect 20mm I/d	No	28.40(b)	134.67	
27	1015.64	Wall painting with plastic emulsion paint of approved brand and manufacturer to give an even shade (two or more coats)	sqm	16.63	79.46	
28	253.91	Preparation of plastered or concrete surface for painting (Including sand papering the surface) using ready mixed cement based wall putty by applying two or more coats to get required finish	sqm	16.65	71.43	
29	518.16	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	528.84	Painting with acid proof paint of approved brand and manufacture to give an even shade two or more coats	sqm	16.64	78.57	
31	30.17	Painting one coat with synthetic enamel paint in all shades on old wood work or metallic or plastered or concrete surfaces to give an even shade including rubbing down old paint	sqm	16.19	32.14	
32	11.58	Dismantling cement conglomerate floors (25mm to 50mm) thick without concrete base	sqm	8.16	97.32	
33	11.58	Conglomerate floor 25mm thick cement concrete topping 1:2:4 using mechanical mixer for mixing of material	sqm	14.5	169.72	
34	12.87	Providing and laying vitrified floor tiles in different sizes in light colour shades made using Soluble Salt Technology (thickness to be specified by the manufacturer) with water absorption's less than 0.08% and conforming to IS : 15622 of approved make in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement: 4 fine sand), complete. (Design is homogeneous throughout the tile body)	sqm	14.112	887.58	
35	2.00	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 MS sheet outer box with slide plate and with stainless steel cover plate etc. complete as per the direction of Engineer In charge.	Each	17.48	1662.50	
36	2.00	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	17.43c	1169.64	
37	6.48	Renewing glass panes with putty and nails wherever necessary	Sqm	31.5 a	203.57	

38	0.54	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
39	1.00	Providing and fixing jet spray with 2'-6" long PVC pipe. With C.P. Brass nut	No.	30.8 (a)	425.00
40	1.00	Providing and fixing in position best Indian make white ordinary lavatory suites consisting of C.P. Brass waste 32mm dia, pair of angle iron bracket with one C.P. brass tap complete. Size 550mm x 400mm	No.	30.32(ii)	3226.79
41	3.00	Providing and fixing in position 15mm I/d bib cock of C.P. brass without flange (as approved by the Engineer-in-charge)	No.	30.65(a)(ii)	818.75
42	2.00	Providing and fixing in position stop cock/angle valve C.P. brass (as approved by the Engineer-in-charge incharge) C.P. brass 15mm stop cock Male and Female end	No.	30.66(a)	716.96
43	2.00	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 required by the Engineer-in- Charge) Size 600mmx450mm	No.	30.61(a)	1070.54
44	1.00	Providing and fixing in position towel rails / ring of approved make (to the approval of Engineer-in-charge) fixed in with rawl plugs embedded in walls with brass screws complete in all respect. C.P. brass towel Rails size 15mm dia 610mm long	No.	30.58(a)	1374.11
45	4.00	Providing and fixing in position S.S. grating with frame of approved brand	No.	30.80	98.80
46	500.00	Providing and fixing of water storage tank	Ltr	30.97(a)(ii)	9.64
47	306.858	Removing old paint with caustic soda solution and preparing surface	sqm	16.35	32.14
48	20.00	Less iron scrap	kg		-20.00
49	80.00	Less wooden scrap	kg		-6.00
50	AOR	Extra carriage and difference of rates			
	1.70	Cement			
	4.27	fine sand	MT	Annex	261.40
	0.17	coarse sand	cum	Annex	256.80
	0.17	crusher 11.2mm	cum	Annex	339.55
	0.17	crusher 13.2mm	cum	Annex	354.17
	0.26	Bricks	cum	Annex	355.55
			no.s	Annex	642.79

Notes: -

1. These rates are through rates exclusive of Cement & Steel that shall be issued by PSTCL from jamsher/ablowlal store.
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.**

Signature of vendor