

Annexure-A

Raising of Back Side Boundary Wall near Workshop Block, Barbed Wire Fencing (7 Straight 2 Diagonal) on Boundary Wall & renovation of old rooms for Canteen with Electrical work at PIT, Rajpura District Patiala

Sr. No	Ref to CSR	Description of Item	Quantity	Unit	Total Rate	Amount
1	8.5b	Dismantling of brick work in cement for fencing @ 3 Mtrs c/c	3.39	Cum	422.66	1434
2	18.1	Supply of L iron 40x40x6mm	11.29	Qtls	5419.36	61171
3	24.43	Gi Barwed wire	652.40	Kgs	76.72	50053
4	24.43	G.I Stapples for fixing	7.17	Kgs	76.72	550
5	10.15	Reinforced cement concrete M-25 mechnaily mixed using concrete mixer volumetric type as per IS 1791 and vibrated by needle vibrator but excluding steel reinforcement centring and shuttering in superstructure	3.41	Cum	4918.06	16781
6	9.2	Shuttering of blocks	59.34	Sqm	269.06	15966
7	15.9	Cement plaster 12.5mm in 1:4	770.80	Sqm	116.16	89540
8	16.21+ 16.22	Painting one primer coat and 2 coats of paint on steel work	41.28	Sqm	61.49	2538
9	16.14	Snowcem 2 coats on new work	733.66	Sqm	65.31	47915
10	24.43	Labour for fixing taking 75% labour for wire and 25% for L iron	760.00	Rmt	13.69	10405
11	11.6	First class burnt brick work in cement sand mortar 1:5 in superstructure	27.22	cum	3966.83	107977
12	8.5	Dismantalling CC blocks	1.59	cum	845.41	1344
13	NS	Dismantalling of existing grill including credit of old material	200.00	Kgs	-18.00	-3600
14	6.6	Earth work in excavation in foundations, trenches etc in all kind of soils where pick jumper work is not involved and not exceeding 2.0 mtr depth including dressing of bottom and sides of trenches stacking the excavated soil clear from the edge from excavation and subsequent filling around massonary in 15 cm layer with compaction including disposal all surplus soil as directed within a lead of 30 mtrs as per PWD specifications.	1.89	cum	119.30	225
15	11.5	Ist class burnt brick work in cement sand	3.29	cum	3585.94	11798

		mortar 1:5 in foundation & plinth				
16	10.16	Reinforced cement concrete M-25 mechanically batch mixed using batch type concrete mixer as per IS 1791 and vibrated by needle vibrator but excluding steel reinforcement centring and shuttering in foundation and plinth, complete.	0.27	cum	4512.76	1218
17	18.18	Cold twisted deformed (ribbed/ tor steel) Bars Fe 500 grade as per IS 1786-1985 for R.C.C. works, where not included in the complete rate of R.C.C. including bending, binding, and placing in position complete.	0.16	qtl	5098.65	816
18	8.31 c	Scrapping cement plaster of existing structure	165.28	SQM	22.31	3687
19	14.23	Flat brick or tile flooring laid dryover a bed of 6mm thick cement sand mortar 1:6 grouted with cements sand mortar 1:4 and top surface to be left clean after wire brushing	52.70	SQM	158.31	8343
20	13.19	Corrugated asbestos Sheet roofing 6 mm thick sheets fixed with G.I. hooks and bolts, limpet and bitumen washers complete fixed in position excluding the cost of perlins, rafters and trusses.	22.31	SQM	406.09	9060
21	NS	Wrought iron & Mild steel ladders, framed grills, gratings etc. with ends of bars rivetted of molded forged framed window guards, barred iron doors stair case iron railing etc. including cost of bolts and nuts, screws, welding rod complete fixing in position	60.00	Kgs	92.00	5520
22	16.3	White whashing (three coat)	104.03	SQM	10.91	1135
23	NS	Cleaning of roofing and repair for filling joints if any	JOB			1000
24	28.12 A(a)	Providing, Stringing out P.V.C. Pipes 20mm od as per ISI-4985 casting along the Trenches and laying the same in Trenches to correct alignment and gradients, cutting, jointing and testing including cost of specials complete as per specifications	75.00	Rmt	34.50	2588
25	28.13AC-2 (13)	Providing, Stringing out PVC Pipes as per ISI - 4985 casting along the Trenches and laying the same in Trenches to correct alignment and gradients, cutting, jointing and testing including cost of specials complete as per specifications 75mm o/d 6kg/sqm	50.00	Rmt	133.00	6650
26	30.65b ii	Providing and fixing CI bib cock 20mm dia	1.00	NOS	245.00	245

27	30.97	Providing & fixing in position PVC water storage tanks triple layer make as approves by Engineer-in-Charge including hosting and carriage from store to site of work complete with providing and fixing 15mm or 20mm internal Diametre tanki nipple complete.(Excluding cost of platform). (a)Tanks upto 1000 ltr. Capacity	1000.00	LTRS	8.00	8000
28	30.98b	Providing & fixing in position GI Tank Nipple of approved make (to the approval of Engineer In Charge in PVC water tank complete in all respects.20mm dia	1.00	NOS	111.50	112
29	28.43b	Providing & fixing and joining in position ISI Marked gun metal peet valves heavy pattern Is 778 with hand wheels on GI pipe line laid in ground or in side building including all carriage complete in all respects.20mm dia	1.00	NOS	554.50	555
30	28.45	Making connection withj Existing GI branch upto 40mm size pipe including cutting of existing pipe line threading of pipe from both ends and fixing of GI T etc in the pipe line(Including cost of GI Tee) complete in all respects 20mm dia	1.00	NOS	306.00	306
31	30.96 b ii	P/F brass valve cock with rod and plastic ball 20mm dia	1.00	NOS	462.00	462
32	33.04 A	SURFACE PVC CONDUIT PIPE WIRING SYSTEM WITH FLUSH PIANO TYPE SWITCHES:				
		Wiring in PVC insulated copper conductor single core FR cable (ISI marked), 1100volts grade to be laid in heavy gauge, PVC, fire retardant conduit pipe 20mm/25mm dia ISI Marked installed on surface etc., complete with uPVC boxes (On surface) required for suitable no. of modules, for having electronic fan regulators (Two module), bell push, electronic buzzer, 3pin 6Amp., 3pin 16/20Amp., Sockets and 6Amp./16/20Amp. Switches etc. (Flush Piano Type Accessories) and covered with brown bakelite white glazed translucent backside painted sheet 3mm thick etc., and including the cost of flush piano type switches/sockets, step type electronic fan regulator 100watts, PVC connector (For Fan Box and Electronic Buzzer), PVC bush, Steel Hooks, Circular Inspection Box (Recessed				

		Type and Deep Type) conduit pipe & copper wire and other petty material etc. including the cost of painting as required :- Make- Anchar, Fine, SSK				
	(i) a	Wiring fan point without fan box in PVC insulated copper conductor single core FR cable (ISI marked) overall 1.5 sq. mm, 1100volts grade with step type electronic fan regulator 100watts.	1	Each	695	695
	(ii)	Wiring light point in PVC insulated copper conductor single core FR cable (ISI marked) overall 1.5 sq. mm, 1100volts grade.	2	Each	484.95	969.9
	(iv)	Wiring 3 pin 6 Amp. wall socket (Shuttered) point in PVC insulated copper conductor single core FR cable (ISI marked) overall 1.5 sq. mm, 1100volts grade complete with bonding to existing earth with PVC insulated copper conductor single core FR cable (ISI marked) overall 1 sq. mm, 1100volts grade.	2	Each	365.78	731.56
	(vi)	Wiring 3 pin 16/20 amp. power plug control (shuttered) and switch.	1	Each	314.08	314.08
33	33.09	PVC INSULATED SINGLE CORE FR COPPER CONDUCTOR CABLE: Supply and erection of PVC insulated single core FR 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. Make List PVC Copper Wire:- Finolex/Polycab/Havell,s.				
	(i)	PVC insulated copper conductor single core FR cable (ISI marked) overall 1 sq.mm, 1100volts grade	15	Metre	11.41	171.15
	(iii)	PVC insulated copper conductor single core FR cable (ISI marked) overall 2.5 sq.mm, 1100volts grade	30	Metre	21.61	648.3
34	33.10 D	XLPE/ PVC INSULATED UN-ARMoured CABLES (LOOSE IN THE EXISTING TRENCH OR PIPE): Supply and laying of XLPE/ P.V.C. insulated P.V.C. sheathed aluminium conductor un-armoured cable working voltage upto and including 1100 volts grade to be laid loose in the existing trench or pipe as per PWD General Specifications (Electrical Works):-				
	(ii)	XLPE/ PVC insulated PVC sheathed	50	Metre	64.25	3212.5

		aluminium conductor unarmoured cable working voltage 1100volts grade 10sq.mm (Twin Core) Make Havell's, Finolex, Polycab				
35	33.12	PVC, HDPE PIPES & PVC FLEXIBLE PIPES: Supply & erection of PVC pipes & HDPE pipes (fire retardant) for wiring purposes including bends, inspection boxes etc., where necessary including other petty material as per PWD General Specifications (Electrical Works):- Make List PVC Conduit (ISI Marked) AKG, Diplast, Finolex, Poly India, Polycab				
	(i)	Heavy gauge PVC conduit pipe 20mm dia. (ISI marked) On Surface	20	Metre	28.85	577
Total						471113

Note:

1. Any error regarding description, reference to CSR quantity, rate, premium, unit calculations omission, addition will be corrected at any stage as per CSR, AOR, specifications and drawings and no claim whatsoever shall be entertained on this account.
2. Quantity may vary at the time of execution of Work.

Say Rs. 471113/-

(Rs. Four Lac Seventy One Thousand One Hundred and Thirteen Only)

Not Available
SDE

12/10/13
AE (Civil)

Gindaross
JE (Civil)

U.S.
AE (Electrical)

Dev Raj
JE (E)

Jhal
Executive Engineer

[Signature]
Superintending Engineer.