

HINDUSTAN PREFAB LIMITED

(A GOVT. OF INDIA ENTERPRISE)

Name of Work-Construction of 18 nos type - III qtrs and development works of Assam Rifles Battalion at Khuga.

Drain, septic tank, hard standing etc.					ANNEXURE I	
SI NO	Description of iteams	Quantity	Unit	Rate(Rs)	Amount(Rs)	DSR 2012 Ref
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sq.m in plan) inciuding dressing of sides and trammimg of bottoms , left upto 1.5 m , included getting out the excavated soil and disposal of surplus excavated soil as directed within a lead of 50m.					
(a)	All kind of soil	105	cum	130.80	13734	2.8.1
2	Providing And laying in position cement concrete of specified grade excluding the cost of concrete and shuttering -all work upto plinth level					
(b)	1:4:8(1 cement : 3 coarse sand : 6 graded stone aggregate of 40mm size).A) for drain= 10cum. B) for hard standing=13	23	cum	3888.2	89428.6	4.1.6
3	Brick work with F.P.S bricks of class designation 75 in foundation and plinth :					
	Cement mortar 1:4 (cement : 4 coarse sand)	22	cum	3508.25	77182	6.1.1
4	12 mm cement plaster 1:3 (1 cement : 3 coarse sand) finished with a floating of neat cement.	220	sqm	173.10	38082	13.9
5	Gully chamber (every 125 mm)	6	each	1365.55	8193	19.4.3.1
6	Septic tank of 75 users capacity as per design and specification	3	no	120000.00	360000	
7	Provide laying and jointing glazed sw pipes grade A 200 mm dia	60	m	323.05	19383	19.1.3
8	Providing and laying cement concrete of 1:5:10 all round SW pipes	60	m	708.40	42504	19.2.3
9	Constructed brick masanory manhole in cement mortar 1:4 with FPS brick with class designation 75	6	no	7132.00	42792	19.7.1.1
	HARD STANDING					
10	Cement concrete 1:2:4 in pavement laid to required slope and chamber in panels complete	27	cun	4502.55	121569	16.42
	TOTAL				812867	
Sub-Est. for construction of retaining wall					ANNEXURE II	
SI NO	Description of iteams	Quantity	Unit	Rate(Rs)	Amount(Rs)	DSR 2012 Ref
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sq.m in plan) inciuding dressing of sides and trammimg of bottoms , left upto 1.5 m , included getting out the excavated soil and disposal of surplus excavated soil as directed within a lead of 50m.					
a)	All kind of soil	8214.75	cum	130.80	1074489	2.8.1
2	Providing And laying in position cement concrete of specified grade excluding the cost of concrete and shuttering -all work upto plinth level					
b)	1:4:8(1 cement : 3 coarse sand : 6 graded stone aggregate of 40mm size).	17.5	cum	3593.30	62883	4.1.8
3	Random rubble masonary with hard stone in foundation and plimth including levelling up with cement concrete 1:6:12 (1 cement :6 coarse sand :12 graded stone aggregate 20mm nominal size) at plinth level with.					
	cement mortar 1:6 (1 cement : 6 coarse sand)	372.6	cum	3059.20	1139858	7.1.1
4	Providing And fixing 75 mm dia PVC pipes in weep holes at 1:4 (1 cement :4 coarse sand) cement mortar in retaning wall.	391.5	mtr	127.15	49779	12.43

5	Pointing work in the wall with C.M.(1:4)	270	sqm	111.8	30186	13.33.1
TOTAL					2357195	
External Water Supply					ANNEXURE III	
Sl NO	Description of iteams	Quantity	Unit	Rate(Rs)	Amount(Rs)	DSR 2012 Ref
a) Schedule items						
1	Providing and fixing G.I pipes complete with G.I fitting including trenching and reffiling etc					
	20mm dia nominal bore	225	mtr	161.25	36281	18.12.2
	25mm dia nominal bore	225	mtr	209.4	47115	18.12.3
	50 mm dia. Nominal bore	500	mtr	355.95	177975	18.12.6
2	Making connection of G.I. distribution branch with G.I. main of following size by providing and fixing tee, including cutting and threading the pipe etc.complete.					
	a) 25 to 40 mm dia nominal bore.	2	each	277.35	555	18.13.1
	b) 50 to 80 mm dia nominal bore.	2	each	630.15	1260	18.13.1
3	Providing and fixing gun metal gate C.I. wheel valve of approved quality (sreewed end)					
	b) 25 mm dia nominal bore.	3	each	372.95	1119	18.17.1
	b) 50 mm dia nominal bore.	3	each	780.6	2342	18.17.4
4	Painting G.I. pipes and fittings with two coats of anti-corrosive bitumastic paint of approved quality:					
	50 mm dia pipe.	500	mtr	10.55	5275	18.40.6
5	Constructing masonry chamber 60x60x75 cm, inside with 75 class designation brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100mm top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained.	3	each	5392.9	16179	18.33
Total					288101	
b) Non Schedule items:Market rates						
1	Fabrication supply and erection of PS water tank 20000 litres capacity made of standard pressed steel plate of 1.25 mm thick, 6 mm thick bottom,1st and 2nd plates 5 mm thick, and top cover with 3.15 mm thick ms sheet including internal ladder, roof supporting rafter, nuts, bolts, washer, jointing material with foot valve for input and output washout, pipe cover with steel staging 15m high including painting as per standard drawings/specification.	1	each	120000	120000	MR
Total					120000	
Electrification					ANNEXURE IV	
Sl. No.	Description of iteams	Quantity	Unit	Rate(Rs)	Amount(Rs)	DSR 2012 REF.
a) DSR items						
1	Laying of one no. PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of size exceeding 25 sqmm but not exceeding 120 sqmm direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc. as required.	50	Meter	213	10650.00	8.1.1
2	Erection of steel tubular or rail pole strut in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling and secured with holding clamps, bolts, nuts, etc. as required.	12	Each	3452	41424.00	11.4

3	Supply and Erection of stay set complete (Galvanised) with 19/20 mm dia x 1.8 meter long stay rod, anchor plate of size 45 cm x 45 cm x 7.5 mm, thimble, stay clamps, turn buckle (20 mm x 60 cm), 7/4.00 mm dia G.I. stay wire and stain insulator etc. in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as required.	6	Each	3297	19782.00	13.1
4	Supplying of channel iron 75 mm X 40 mm X 6 mm (7.14 kg per metre) cross arm for 4 wire over head line complete with clamps, bolts, nuts and washer etc including drilling of holes for insulator pins etc (as per drawing) and painting with primer and finished paint as required .	16	Set	717	11472.00	12.11
5	Erection of angle channel iron cross arm on RCC/PCC/Steel tubular/pole etc. as required.	24	Set	97	2328.00	12.12
6	Supply and Erection of 75mm x 90mm shackle insulator with GI bolts, nuts and straps etc. as required.	24	Set	129	3096.00	12.16
7	Supply and Erection of 100mm x 65mm pin insulator complete with GI spindle and nuts etc. as required.	24	Set	65	1560.00	12.18
8	Erection of ACSR conductor of 7/3.35 mm to 7/4.00 diameter and above including binding etc. as required.	32	Kg	85	2720.00	12.22
9	Erection of G.I. Wire No. 8 SWG including binding etc. as required.	100	Kg	13	1300.00	12.25
10	Supplying and fixing of 32 mm dia X 2.00 metres long G.I. pipe (medium class) bracket for mounting of fluorescent / HPMV / HPSV street light fitting on pole including bending the pipe to the required shape, 2 nos 40 mm X 3 mm flat iron clamps with nuts, bolts and washer, painting the flat iron with primer and finish paint etc. as required.	12	Each	713	8556.00	12.34
11	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	4	Set	3996	15984.00	5.4
	Total				118872.00	
	b)NON - SCHEDULED ITEMS: Market rates.					
13	Supply of steel tubular poles complete with welded base plate size of 30 cm x 30 cm final taper pole laps (410 SP31-9 m long)	12	Each	21000	252000.00	MR
14	Providing L.T.C.H. lines on existing poles with ACSR conductor 7/3.35 mm for three phase line, street light respectively	640	KG	600	384000.00	MR
15	Supply of street light fittings sodium vapour lamps type complete with choke, ignator, condenser etc. 150 W (Philips/Bajaj etc.)	12	Each	6500	78000.00	MR
16	M & L for painting of 9 meter steel tubular poles with two coats of aluminium paint over one coat of primer.	12	Each	400	4800.00	MR
17	Providing of 8 SWG wire on existing poles with ACSR conductors etc complete.	40	KG	120	4800.00	MR
18	Supply & fixing of 50 mm Dia GI pipe 3m length along pole for protection of underground cable as required.	12	Set	1700	20400.00	MR
19	Providing 3.5 core and 50 sqmm PVC insulated/sheathed XLPE power cable of 1.1 KV grade as required.	230	RM	450	103500.00	MR

20	Fabrication, installation, testing and commissioning of wall cum floor mounted cubicle boards out of 16 SWG CRCA MS sheet steel, having mountings as detailed below in suitable size compartments, (compartment for each meter shall be big enough to accommodate one single phase meter. One no. DP MCBs, one No. kitkat type fuses and neutral links provided in separate housing compartment/or 4 pole MCBs, kitkat fuses & neutral linkas per specifications) cable gallery mains including locking arrangement for each meter compartment, sealing arrangement for bus bar and incoming 4pole MCCB, 20 mm thick wood back for each meter compartment, including interconnection with 1100v grade PVC insulated copper conductor of 10 sqmm size, labelling, earthing, acrylic sheet cover for meter reading window, brass compression gland for incoming cable and suitable adapter for outgoing submains and MB (for Type V flats) with the following mountings : The board shall be for 8 Nos. single phase electronic KWH meters 10-40 Amp.					
	(i) 125 Amp 4 pole MCCB 25 KA breaking capacity with adjustable overload and over short circuit and with spread terminal - 1 No.					
	(ii) 200 Amp 4 strip Aluminium bus bar covered with heat shrinkable PVC sleeve in compartment 1 No					
	(iii) Meter compartment complete with single phase electronic KWH meter 10-40 Amp capacity-8Nos.					
	(iv) 32 Amp DP MCB as outgoing, each housed in separate chamber as per specification. (1 nos)					
	(v) 32 Amp iron clad sealable porcelain kitkat as cutouts 1 No. each housed in separate chamber as per specification. (1 nos)	4	Set	35000	140000.00	MR
21	Providing and laying non-pressure NP2 class (light duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) etc. complete in ground including excavation and refilling the trenches as required.					
	(i) 150 mm dia	40	Metre	625	25000.00	MR
	Total (13 to 21)				1012500.00	