

TENDER DOCUMENT

FOR

CONSTRUCTION OF TEMPLE AT JHARIA VIHAR COLONY TOWNSHIP
AT BELGORIA

Tender Notice No : 01/2012-13

PLACE OF WORK : BELGORIA, DHANBAD

PART – II

Price Bid

JHARIA REHABILITATION AND DEVELOPMENT AUTHORITY
HATIA MORE, GOLF GROUND ROAD, DHANBAD
JHARKHAND

CONSTRUCTION OF TEMPLE AT JHARIA VIHAR COLONY TOWNSHIP
AT BELGORIA

TENDER NOTICE NO : 01/2012-13

SYNOPSIS

I/We have gone through the Bills of Quantities in details in the attached sheets and
I/We hereby quote my/our rates as follows :-

.....% (in figures) (.....)
(in words) Percent above/ below the estimated rates, amounting to (in figures)
Rs.....) (in figures) Rs.
..... (in words)
against the estimate value of Rs. 30,24,674/-

Signature of the Contractor

(Name of the Contractor)

JHARIA REHABILITATION AND DEVELOPMENT AUTHORITY, DHANBAD
Construction of Mandir, Jharia Vihar Township at Belgoria, Dhanbad

ABSTRACT

1) Building work	2586997.29
2) Septik tank	78962.98
3) Sanitary installation	59893.34
4) Water supply	37275.69
5) Electrification works	98911.00
6) Carriage of Materials	162633.90
Total:-	3024674.20

JHARIA REHABILITATION AND DEVELOPMENT AUTHORITY, DHANBAD

Construction of Mandir, Jharia Vihar Township at Belgoria, Dhanbad

SN	Item No	Item	Unit	Rate	Qty	Amount
1	5.1.1 to 5.1.2	Earth work in excavation in foundation trenches in hard soil (vide classification of soil item - B) and disposal of excavated earth a obtained to a distance up to 50 M including all lifts with leveling ramming the foundation trenches removing roots of trees shrubs all complete as per approved design, building specification and direction of E/I including extra for earth work in hard soil as per specification and direction of E/I	Cum	58.91	106.500	6273.92
2	5.1.10	Providing coarse clean sand in filling in foundation trenches or in plinth including ramming and watering in layers not exceeding 150 mm thick with all leads and lifts including cost of all materials, labour, royalty and taxes all complete as per building specification and direction of E/I (Mode of measurement compacted volume)	Cum	145.78	9.520	1387.83
3	5.3.4	Providing P.C.C./R.C.C. M-75 with nominal mix of (1:4:8) in foundation and plinth with approved quality of stone metal grade IV (37 mm to 22.4 mm size) and clean coarse sand of F.M 2.5 to 3 including screening, shuttering, mixing cement concrete in cement mixer and placing in position, vibrating, striking, curing, tax and royalty all complete job as per building specification and direction of Engineer in charge.	Cum	2511.42	10.480	26319.68
4	5.2.6	Providing designation 75 B brick work in CM (1:6) in foundation and plinth with approved quality of clean coarse sand of FM 2 to 2.5 including providing 10 mm thick mortar points, cost of screening materials, raking out points to 15 mm depth, curing, taxes and royalty all completes as per building specification and direction of E/I	Cum	2126.08	50.446	107252.23
5	5.3.5.1	Providing RCCM - 200 with nominal mix of (1:1:5:3) in foundation and plinth with approved quality of stone chips 20 mm size graded and clean coarse sand of FM 2.5 to 3 including screening shuttering , mixing cement concrete in mixer and placing in position, vibrating, striking, curing (but excluding the cost of reinforcement, taxes and royalty all complete, as per building specificaton and direction of E/I	Cum	4393.26	31.100	136630.39
6	5.3.14	Providing RCC M200 with nominal mix of (1:1½:3) in columns with approved quality of stone chips 20 mm to 6 mm size graded and clean coarse sand of F.M. 2.5 to 3 including screening, shuttering, mixing, cement concrete in mixer and placing in position, vibrating, striking, curing (but excluding the cost of reinforcement taxes and royalty all complete, as per building specification and direction of E/I				
		a) Ground Floor	Cum	5060.62	18.220	92204.50
		b) First Floor	Cum	5139.05	11.790	60589.40
Page 1 total:						430657.94

SN	Item No	Item	Unit	Rate	Qty	Amount
Page 1 total:						430657.94
7	5.3.14	R.C.C. (1:1½:3) in column in plinth beam approved quality of stone chips 20 mm to 6 mm size graded and clean coarse sand of F.M. 2.5 to 3 including screening shuttering mixing cement concrete in mixer and placing in position, vibrating, striking, curing (but excluding the cost of reinforcement taxes and royalty all complete, as per building specification and direction of E/I				
		a) Ground Floor	Cum	4784.09	5.790	27699.88
8		Providing designation 75 B Brick work in C M (1:6) in superstructure with approved quality of clean coarse sand of FM 2 to 2.5 including providing 10 mm thick mortar joints, costs of screening, materials, scaffolding raking out joints to 15 mm depth curing taxes and royalty all complete as per building specification and direction of E/I				
	5.2.14	a) Ground Floor	Cum	2183.88	53.120	116007.71
	5.2.14+5.2.27	b) First Floor	Cum	2237.21	34.050	76177.00
9	5.2.23	Providing designation 125 mm thick reinforced designation 75 A brick work in C.M. (1:4) in superstructure with approved quality of clean coarse sand of FM 2 to 2.5 including the cost of screening, carriage of materials, scaffolding, raking out joints to 15 mm depth, curing, taxes and royalty (but excluding the cost of reinforcement) all complete as per building specification and direction of E/I				
		a) Ground Floor	Sqm	306.84	45.680	14016.45
		b) First Floor	Sqm	306.84	53.990	16566.29
10	5.3.7.1 + 5.3.29	Providing RCCM - 200 with nominal mix of (1:1.5:3) in band at lintel level with approved quality of stone chips 20 mm size graded and clean coarse sand of FM 2.5 to 3 including screening, shuttering, mixing cement concrete in mixer and placing in position, vibrating, striking, curing (but excluding the cost of reinforcement, taxes and royalty or complete, as per building specification and direction of E/I including for RCC or PCC works for each consecutive floor above first floor complete as per direction of E/I				
		a) Ground Floor	Sqm	4799.69	4.480	21502.61
		b) First Floor	Sqm	4878.12	2.890	14097.77
11	5.3.11+ 5.3.29	Providing RCC M200 with nominal mix of (1:1½:3) in beam of all types with approved quality of stone chips 20 mm to 6 mm size graded and clean coarse sand of F.M. 2.5 to 3 including screening shuttering mixing cement concrete in mixer and placing in position, vibrating, striking, curing (but excluding the cost of reinforcement, taxes and royalty or complete, as per building specification and direction of E/I including for RCC or PCC works for each consecutive floor above first floor complete as per direction of E/I				
		a) Ground Floor	Cum	5983.06	7.290	43616.51
		b) First Floor	Cum	6061.49	6.260	37944.93
Page 2 total:						798287.08

SN	Item No	Item	Unit	Rate	Qty	Amount
Page 2 total:						798287.08
12	5.3.18+ 5.3.29	Providing RCC M-150 with nominal mix of (1:2:4) in stair case with approved quality of stone chips 20 mm to 6 mm size graded and clean coarse sand of FM 2.5 to 3 including centering, shuttering, screening, mixing cement concrete in mixer, placing in position, vibrating, striking, curing taxes and royalty all complete, as per building specification and direction of E/I				
		a) Ground Floor	Cum	8407.74	0.960	8071.43
		b) First Floor	Cum	8486.17	0.960	8146.72
13	5.3.9 + 5.3.29	Providing RCC M-150 with nominal mix of (1:2:4) in roof slab with approved quality of stone chips 20 mm to 6 mm size graded and clean coarse sand of FM 2.5 to 3 including screening, shuttering, mixing cement concrete in mixer and placing in position, vibrating, striking, curing (but excluding the cost of reinforcement taxes and royalty all complete as per building specification and direction of E/I.				
		a) Ground Floor	Cum	5539.22	18.940	104912.83
		b) First Floor	Cum	5617.65	12.880	72355.33
		c) Second floor	Cum	5696.08	1.620	9227.65
14	5.3.15.1	Providing av 63 mm thick RCC M-150 with nominal mix of (1:2:4) chajja with approved quality of stone chips 20 mm to 6 mm size graded and clean coarse sand of FM 2.5 to 3 including making drip course in concrete, screening centering, shuttering and mixing cement concrete in mixer and placing in position vibrating striking 6 mm cement plaster (1:4) in ceiling and sides of chajja with sand of F.M. 1.5 curing (but excluding the cost of reinforcement) taxes and royalty all complete as per building specification and direction of E/I				
		a) Ground Floor	Sqm	650.58	15.310	9960.38
		b) First Floor	Sqm	650.58	10.320	6713.99
15	5.3.26.1	Providing 25 mm thick precast RCC M-150 with nominal mix of (1:2:4) jali with approved quality of stone chips of 6 mm nominal size and clean coarse sand of F.M. 2.5 to 3 with 16 mm thick M.S. wire as per approved design and drawing and placing the same in position true to plumb and level and properly grouted with cement mortar (1:3) including cost of curing scaffolding and finishing all complete as per building specifications and direction of E/I	Sqm	155.69	5.850	910.79
16	5.1.7	Filling in foundation trenches and plinth in layers not exceeding 150 mm thick well watered rammed, fully compacted and fine dressed with earth obtained from excavation of foundation trenches within a lead of 50 M and lift of 1.5 M all complete as per building	Cum	21.59	198.080	4276.55
17	5.3.3	Providing PCC M-100 with nominal mix of (1:3:6) in foundation with approved quality of stone metal grade - III (50 mm to 25 mm size) clean coarse sand.	Cum	2816.12	20.110	56632.17
Page 3 total:						1079494.91

SN	Item No	Item	Unit	Rate	Qty	Amount
Page 3 total:						1079494.91
18	5.6.21	Providing and laying 25 mm thick white makrana marble stone slab flooring of approved quality over 19 mm thick base of lime mortar (1:1:1) (Lime putty surkhi: coarse sand) laid and joined with white cement slurry including rubbing and polishing to granolithic finish with approved quality of carborandum stone including cost of curing, taxes and royalty all complete as per building specification and direction of E/I	Sqm	1500.31	61.180	91788.97
19	5.6.22	Providing and laying 25 mm thick white makrana marble tiles in risers of step skirting and pillars of approved quality over 12 mm thick base of cement mortar (1:3) and jointed with white cement slurry mixed with pigment to match the shade of the slab including rubbing to granolithic finish with approved quality of carborandum stone including cost of curing, taxes and royalty all complete as per building specification and direction of E/I	Sqm	1802.72	14.120	25454.41
20	5.6.11	Providing and laying 6 mm thick mosaic flooring of approved texture and colour over 25 mm thick PCC (1:2:4) base with 1 mm down stone chips and sand of FM 2.5 to 3 rubbed and polished to granolithic finish with approved quality of carborandum stone, top layer of 6 mm being laid with 4 mm and down marble chips of approved quality and shade in ratio (1:2) cement and marble dust mixed in ratio of (3:1) by weight, marble chips including casting in approved block, curing, taxes and royalty all complete as per building specification and direction of E/I	Sqm	561.21	234.360	131525.18
21	5.6.14	Providing and laying hydraulically machine pressed terrazo tiles 20 mm thick of approved texture with down marble chips of appved shade, size and quality, laid on 19 mm, thick bed of lime mortar (1:1:1) (lime: surkhi:sand) with neat cement slurry mixed with pigment to match the shade of tiles between joints, including rubbing and polishing to granolithic finish with approved quality of carborandum stone including cost of curing, royalty and taxes all complete as per building specification and direction of E/I	Sqm	559.94	9.580	5364.23
22	5.6.15	Providing and laying hydraulically machine pressed terrazo tiles 25 mm thick of approved texture with 7 mm down marble chips approved shade, size and quality, laid on 19mm, thick bed of lime mortar (1:1:1) (lime surkhi:sand) with neat cement slurry mixed with pigment to match the shade of tiles between joints, including rubbing and polishing to granolithic finish with approved quality of carborandum stone including cost of curing, royalty and taxes all complete as per building specification and direction of E/I	Sqm	559.94	19.460	10896.43
Page 4 total:						1344524.12

SN	Item No	Item	Unit	Rate	Qty	Amount
Page 4 total:						1344524.12
23	5.6.12	Providing and laying 6 mm thick mosaic in skirting dado, steps and pillars of approved texture and colour over 12 mm thick cement plaster (1:3) base with sand of FM 1.5 rubbed and polished to granolithic finish, with approved quality of carborandum stone top layer of 6 mm being laid with 4 mm, and down marble chips of approved quality and shade in ratio (1:2), cement and marble dust mixed in ration (3:1) by weight of marble chips including cost of curing, royalty and taxes all complete as per building specification and direction of E/I				
		a) Ground Floor	Sqm	567.74	19.450	11042.54
		b) First Floor	Sqm	567.74	14.000	7948.36
24	5.5.14	Supplying fitting and fixing collapsible gate of approved size and make properly fabricated with vertical bouble channels 20 x 10 x 2 mm at 100 mm centres and braced with M.S flat diagonals 20 x 3 mm, with top and bottom rails of T iron 40 x 40 x 6 mm with 38 mm dia steel pulleys complete with bolts, nuts, locking arrangements, stoppers, handles, including applying a priming coat of red lead paint, carriage, hoisting and taxes all complete as per building specification and direction E/I	Sqm	2590.17	11.650	30175.48
25	5.5.30	Supplying, fitting and fixing M.S grill gate with M.S. grills made of 20 x 6 mm M.S. flats or 16 mm M.S. square bars fitted on 25 x 25 x 6 mm. M.S. Angle frame of size 60 x 60 x 6 mm including cost of fabrication, providing necessary locking arrangement with haskal and domny duly fixed in PCC (1:2:4) blocks of required size, applying a priming and lead paint over steel work, taxes all complete as per drawing specification and direction of E/I.	Kg	66.17	712.000	47113.04
26	5.1.10	Providing coarse clean sand in filling in foundation trenches or in plinth including ramming and watering in layers not exceeding 150 mm thick with all leads and lifts including cost of all materials, labour, royalty and taxes all complete as per building specification and direction of E/I	Cum	145.78	46.590	6791.89
27	Basic-3 (i) P-20+ 10% Op	Providing and fixing M.S. Grill Angle inframe of sizes 50 x 50 x 6/8/10 (gr. - A) etc.	MT	45232.00	0.576	26053.63
28	5.5.26	Labour for hoisting, placing and fixing in position R.S. joist or tee including cutting to required shape and size straightening all complete job (but excluding the cost of joist of Tee) as per direction of E/I	MT	9894.27	0.576	5699.10
29	5.5.18	Supplying, fitting and fixing fully glazed steel door, windows or ventilator of standard rolled "Z" and mullion steel sections and size as per IS-1038 joints met and welded with 100 x 16 x 3 mm M.S. lugs fixed in cement concrete (1:2:4) blocks 15 x 10 x 10 cm, size including cost of oxidised iron fittings, with hinges, handle per steps, catch springs, 3 mm thick plain glass panes with Aluminium beads and inner frame fixed with lugs with 20 mm long 6.3 mm G.I. counter suck machine screw and nuts and applying a coat of red lead paint carriage to work site hoisting and placing in position in all storys and taxes all complete as per building specification and direction of E/I	Sqm	2179.51	34.570	75345.66
Page 5 total:						1554693.82

SN	Item No	Item	Unit	Rate	Qty	Amount
Page 5 total:						1554693.82
30	5.4.32	Supplying, fitting and fixing 35 mm thick solid core type decorative single leaf flush door shutter with both sides decorative veneered with black board core bended with high quality phenol formaldehydes synthetic resin of standard make with Aluminium fittings such as hinges, tower, bolts, handle, cleat and sand blocks and taxes all complete as per building specification and direction of E/I	Sqm	1332.68	22.440	29905.34
31	5.4.33	Supplying, fitting and fixing 35 mm thick solid core type decorative double leaf flush door shutter with both sides decorative veneered with black board core vended with high quality phenol formaldehydes synthetic resin of standard make with Aluminium fi	Sqm	1409.51	9.100	12826.54
32	5.7.3	Providing 12 mm thick cement plaster (1:6) with clean coarse sand of F.M. 1.5 including screening, curing with all leads and lifts of water, scaffolding taxes and royalty all complete as per building specification and direction of E/I	Sqm	74.93	1545.250	115785.58
33	5.7.6	Providing 6 mm thick cement plaster (1:4) in ceiling with clean coarse sand of F.M. 1.5 including screening, curing with all leads and lifts of water, scaffolding taxes and royalty all complete as per building specification and direction of E/I	Sqm	76.93	334.840	25759.24
34	5.8.21	Providing two coats of plastic emulsion paint of approved shade and made over a coat of cement primer over new surface including preparing plastered surface by rubbing smooth with pumice stone or fine sand paper, applying putty wherever required, scaffolding washing of floors and taxes all complete as per building specification and direction of E/I	Sqm	102.89	595.540	61275.11
35	5.8.18	Providing two coats of oil bound distemper of approved shade and made over a coat of cement primer over new surface including preparing plastered surface by rubbing smooth with pumice stone or fine sand paper, applying putty wherever required, scaffolding washing of floors and taxes all complete as per building specification and direction of E/I	Sqm	50.90	1031.010	52478.41
36	5.5.13	Providing and fixing fan hook of 16 mm dia M.S. bar 1 meter long bent to required size and shape placed in position and fixed RCC slab/beam at the time of casting all complete as per building specification and direction of E/I (where material is not supplied by deptt.)	Sqm	97.18	32.000	3109.76
37	5.8.41	Providing primer one coat of red lead paint of approved make over new steel surface including preparing the surface after cleaning, removing dust, dirt, scales smokes and grease and cleaning the surface thoroughly including cost of scaffolding and taxes all complete as per building specification and direction of E/I (Mode of measurement Area shall be multiplies by the co-efficient as indicated in building specification.	Each	25.22	40.890	1031.25
38	5.8.24	Providing two coat of snowcem of approved shade and make over a coat of cement primer on new surface including preparing the plastered surface smooth with sand paper, scaffolding, curing and taxes all complete as per building specification and direction of E/I	Sqm	46.71	787.390	36778.99
Page 6 total:						1893644.04

SN	Item No	Item	Unit	Rate	Qty	Amount
Page 6 total:						1893644.04
39	5.8.26	Providing primer one coat of approved shade and make over new wooden surface including preparing the surface after cleaning, removing dirt, scales, smokes, grease and sand papering, including cost of scaffolding and taxes all complete as per building specification and direction of E/I	Sqm	17.73	61.470	1089.86
40	5.8.32	Providing two coats of synthetic enamel paint over a coat of primer of Approved shade and make over new wooden surface after cleaning removing and direction of E/I	Sqm	89.99	61.470	5531.69
41	5.4.51.4	Supplying, fitting and fixing oxidised iron fittings of approved quality and make to doors and windows all complete as per building specification and direction of E/I	Each	92.90	16.000	1486.40
42	5.3.9.1.	Providing RCC M-200 with nominal mix of (1:1.5:3) in roof slab with approved quality of stone chips 20 mm to 6 mm size graded and clean coarse sand of FM 2.5 to 3 including screening, shuttering, mixing cement concrete in mixer and placing in position, vibrating, striking, curing (but excluding the cost of reinforcement, taxes and royalty all complete, as per building specification and direction of E/I	Cum	5539.22	9.250	51237.79
43	5.5.4	Providing for steel reinforcement of as per required rods as per approved design and drawing excluding carriage of tor bars to work site, cutting, bending and binding with annealed wire with cost of wire removal of rush, placing the rods in position all complete as per building specification and direction of E/I				
		a) 8 mm tor	MT	59281.90	5.400	320122.26
		b) 10 mm to 16 mm tor	MT	58126.90	5.400	313885.26
Page 7 total:						2586997.29

Septic Tank and Soak Pit

SN	Item No	Item	Unit	Rate	Qty	Amount
1	5.1.1	Earth work in excavation in foundation trenches in hard soil (vide classification of soil item - B) and disposal of excavated earth a obtained to a distance up to 50 M including all lifts with leveling ramming the foundation trenches removing roots of trees shrubs all complete as per approved design, building specification and direction of E/I and extra for earth work in hard soil as per specification and direction of E/I	Cum	58.91	41.070	2419.43
2	5.3.4	Providing PCC M-75 with nominal mix of (1:4:8) in foundation with approved quality of stone metal grade - III (50 mm to 25 mm). Size clean coarse sand of FM 2.5 to 3 including screening, shuttrering, mixing cement concrete in mixer and placing in position, vibrating, striking, curing, taxes and royalty all complete as per building specification and direction of E/I	Cum	2511.42	1.520	3817.36
3	5.3.2	Providing PCC M-150 in nominal mix of (1:2:4) in foundation with approved quality of stone chips 20 mm to 6 mm size graded and clean coarse sand of FM 2.5 to 3 including screening, shuttrering, mixing cement concrete in mixer and placing in position, vibrating, striking, curing, taxes and royalty all complete as per building specification and direction of E/I	Cum	3894.96	2.290	8919.46
4	5.2.2	Providing designation 75 A brick work in C.M. (1:4) in foundation and plinth with approved quality of clean coarse sand of FM 2 to 2.5 including providing 10 mm thick mortar joints, cost of screening materials, raking out joints to 15 mm depth, curing, taxes and royalty all complete as per building specification and direction of E/I	Cum	2412.32	9.209	22215.05
5	5.3.9	Providing RCC M-150 with nominal mix of (1:2:4) in roof slab with approved quality of stone chips 20 mm to 6 mm size graded and clean coarse sand of FM 2.5 to 3 including screening, shuttrering, mixing cement concrete in mixer and placing in position, vibrating, striking, curing, taxes and royalty all complete as per building specification and direction of E/I	Cum	5040.92	0.730	3679.87
6	5.6.7	Providing 25 mm thick first class patent stone flooring (1:2:4) with stone chips in two layers, bottom layer 19 mm thick (1:2:4) with 12 mm to 6 mm, size graded stone chips and top layer 6 mm thick (1:2) with 6 mm down stone chips, in panels including cost of curing, finishing the surface smooth by rubbing with corgorandum stone, taxes and royalty with all complete as per building specification and direction of E/I	Sqm	167.88	6.000	1007.28
7	5.7.2	Providing 12 mm thick cement plaster (1:4) with clean coarse sand of F.M. 1.5 including screening, curing with all leads and lifts of water, scaffolding taxes and royalty all complete as per building specification and direction of E/I	Sqm	84.02	20.900	1756.02
8	5.7.11	Providing 1.5 mm cement punning including curing, carriage of water with all leads and lifts as per building specification and direction of E/I	Sqm	27.82	20.900	581.44
Page 8 total:						44395.91

SN	Item No	Item	Unit	Rate	Qty	Amount
Page 8 total:						44395.91
9	5.2.3	Providing designation 75 A brick work in C.M. (1:6) in foundation and plinth with approved quality of clean coarse sand of FM 2 to 2.5 including providing 10 mm thick mortar joints, cost of screening materials, raking out joints to 15 mm depth, curing, taxes and royalty all complete as per building specification and direction of E/I.	Cum	2215.42	3.680	8152.75
10	P-22 +10% / 7(II)	Supplying Jhama Brick Blast (50 mm) at site etc or complete.	Cum	550.00	2.300	1265.00
11	P-22 +10% / 7(II)	Supplying Jhama Brick Blast (100 mm) at site etc or complete.	Cum	550.00	2.300	1265.00
12	5.3.28	Providing 75 mm thick precast RCC M-150 with nominal mix of (1:2:4) in jali with approved quality of stone chips 12 mm and down well graded and clean coarse sand of FM 2.5 to 3 with 1.6 mm thick M.S. wire as per approved drawing and design and placing the same in position true to plumb and level with 6 mm dia M.S. rods placed at regular intervals both horizontally and vertically as required and properly grouted with C.M. (1:3) including cost of curring scaffolding and finishing all complete asp er building specification and direction of E/I	Sqm	429.87	3.080	1324.00
13	CPWD 232/21.17.2	Providing M.S. foot rests including fixing in manholes with 20 x 20 x 10 cm cement concrete blocks 1:3:6 (1 cement : 3 coarse sand :6 graded stone aggregate 20 mm nominal size) as per standard design.	Each	86.60	8.000	692.80
14	12.3.6.2.	P/L RCC spun pipe (150 mm) upto 3.0 meter depth of invert below GL.		85.80	150.000	12870.00
15	25 (1k) P-40 +10%	P/L HCl bend (100 mm) etc	Each	264.00	2.000	528.00
16	5.5.4	Providing Tor steel reinforcement of 8 mm dia rods as per approved design and drawing excluding carriage of M.S. Rods (Straight or in coils) to work site, cutting, bending and binding with annealed wire with cost of wire, removal of rust placing the rods in position all complete as per building specification and direction of E/I	M.T.	59281.90	0.080	4742.55
17	25 (vi/c P-40+10%	Providing and Fixing HCl cowel - 100 mm etc	Each	187.00	2.000	374.00
18	5.2.23	Providing designation 125 mm thick reinforced designation 75 A brick work in C.M. (1:4) in superstructure with approved quality of clean coarse sand of F.M. 2 to 2.5 including the cost of screening, carriage of materials, scaffolding, raking out joints to 15 mm depth, curing, taxes and royalty (but excluding the cost of reinforcement) all complete as per building specification and direction of E/I	M.T.	306.84	2.700	828.47
19	24 (C)+ 10%	Providing and fixing HCl pipe 100 mm dia etc	Each	841.50	3.000	2524.50
Page 9 total:						78962.98

Sanitary Installation

SN	Item No	Item	Unit	Rate	Qty	Amount
1	12.2.1 (A)	Supplying, fitting and fixing vitreous white glazed earthen ware IWC of parry Hindustan or any other ISS approved make with 100 mm HCl p trap 15 litres CI pull and let go flushing cistern of names or other ISS equivalent make, complete with all fittings CI or CC brackets 32 mm alkathene/PVC telescopic flush pipe about 2 M long with one brass coupling and clamps GI chain and pull including supplying and fixing a pair of vitreous white glazed earthenware footrest to be fixed in floor 15 mm CI body brass spindle stop cock of weight not less than 50 grams 15 mm PVC connection pipe 450 mm long and the exposed pipe and cistern with two coats of approved paint over a coat of red oxide primer etc. all complete as per specification and direction of E/I	Each	3814.28	2	7628.56
2	12.2. 5	Supplying, fitting and fixing vitreous white glazed earthen ware hand basin of parry or Hindustan or any other ISS approved make supported on painted CI or RS brackets 32 mm CI brass waste, 15 mm dia CI body brass spindle stop cock of approved quality of weight not less than 350 grams, 32 mm PVC waste pipe 750 mm long with brass coupling at one end and making plumber joints etc. all complete as per specification and direction of E/I	Each	1411.33	4	5645.32
3	12.2.3 (A)	Supplying fitting and fixing flat back or angular, lipped front vitreous white glazed earthen ware urinal of Hindustan Parry or any other approved ISS make with 5 liters capacity CI automatic flushing cistern of reliance for any other ISS approved make with all fittings with CI or RS brackets, standard size GI flush pipe with fitting clamps, 15 mm CI body brass spindle stop cock of approved quality weight not less than 400 grams, 15 mm PVC / Alkthene pipe 450 mm long with brass coupling at both ends and doing plumber joints including painting of exposed part with two coats of approved paint over a priming coat of red oxide, cutting wall and floor, making good the same etc. all complete as per specification and direction of E/I	Each	2424.19	4	9696.76
4	P-39/24	Providing and fixing HCl soil & Vent pipe etc.				
	(c)	a) 100 mm	Mtrs.	460.16	25	11504.00
	(b)	b) 80 mm	Mtrs.	330.83	30	9924.90
	(a)	c) 50 mm	Mtrs.	264.66	10	2646.60
5	5.5.8	Supplying, fitting and fixing 250 x 20 x 6 mm L-type MS clamp properly fishtailed, including making holes and setting the same in 375 x 126 x 75 mm cement concrete block (1:2:4) with cost of all labour and materials and taxes as per building specification and direction of E/I	Each	46.71	20	934.20
6	25 (IV) (c) P-40	P/F/HCl single equal door junction				
	iv (c)	a) 100 x 100x100	Each	484.00	2	968.00
	iv (a)	b) 80 x 80 x 80	Each	423.50	2	847.00
7	P-40	Providing and fixing HCl plain bend				
	25/c	a) 100 mm	Each	264.00	4	1056.00
	25/b	b) 80 mm	Each	192.50	6	1155.00
Page 10 total:						52006.34

SN	Item No	Item	Unit	Rate	Qty	Amount
Page 10 total:						52006.34
8	P-41	Providing and fixing HCl socket				
	25/ xv (c)	a) 100 mm	Each	126.50	8	1012.00
	25/ xv (b)	b) 80 mm	Each	99.00	10	990.00
	25/ xv (a)	c) 50 mm	Each	71.50	2	143.00
9	P-40 (VI) C	Providing and fixing cowal a) 100 mm weight without ear and socket 3.25 kg	Each	187.00	2	374.00
10	P-40 (v) C	Providing and fixing heel rest bend a) 100 mm	Each	308.00	2	616.00
11	P-40 (vii)	Providing and fixing HCl P trap 100 mm etc	Each	396.00	2	792.00
12	P-38/10	Providing and fixing 600 x 450 mm bevelled mirror	Each	990.00	2	1980.00
13	P-38/11	Providing and fixing 450 x 125 mm glass shelf with CP brass rail.	Each	220.00	2	440.00
14	P-38/12	Providing and fixing anodized Aluminium towel rail 20 mm x 600 mm with bracket all complete	Each	198.00	2	396.00
15	P-38/13	Providing and fixing soap dish	Each	88.00	2	176.00
16	P-38/14	Providing and fixing liquid soap solution holder.	Each	220.00	2	440.00
17	P-40/1 (c)	Providing and fixing bend - 100 mm	Each	264.00	2	528.00
Page 11 total:						59893.34

Water Supply

SN	Item No	Item	Unit	Rate	Qty	Amount	
1	P- 37 (C) + 10% .CP + 12.1.2	Laying of G.I pipes of approved make in trenches with red lead and yarn with socket and screw joints and cutting pipes to sixes and treading ends where necessary etc all complete as per specification and direction of Engineer-in-Charge (pipes to be supplied departmentally free of cost.)					
	I	a) 15 mm dia	Mtrs	104.43	20.000	2088.60	
	II	b) 20 mm dia	Mtrs	132.32	10.000	1323.20	
	III	c) 25 mm dia	Mtrs	184.32	30.000	5529.60	
2	12.1.12	Providing and fixing Gun metal full way valve of approved quality. All complete, as per specification and direction of E/I					
	(b)	b) 20 mm dia	Each	312.36	2.000	624.72	
	(c)	c) 25 mm dia	Each	385.91	2.000	771.82	
3	12.1.6(A)	Providing and fixing 15 mm dia of brass/CI stop cock of approved quality all complete as per specification and direction of E/I	Each	183.99	6.000	1103.94	
4	12.1.6(A/ b)	Providing and fixing 20 mm dia of brass/CI stop cock of approved quality all complete as per specification and direction of E/I	Each	240.86	10.000	2408.60	
5	P-32/122	Polythene water storage tank of ISI mark (e.g. sintex/Sinter/Himgiri/Gangotri etc) with cover and locking system.	Lt.	4.95	3000.000	14850.00	
6	12.1.5.4	Providing and fixing 15 mm dia male ended CI Plug cock (Wt. not less than 400 gms) of approved quality with extra socket all complete as per specification and direction of E/I	Each	47.59	4.000	190.36	
7	12.1.7.A (C)	Providing and fixing 25 mm GM non return valve Horizontal/ vertical type of approved quality as per spevification and direction of E/I.	Each	402.41	1.000	402.41	
8	12.1.10 A (b)	Providing and fixing NP/CP brass PVC porcelain shower rose of 15 mm inlet etc all complete as per specification and direction of E/I	Each	90.49	2.000	180.98	
9	12.1.13	Supplying and fixing G.I. fittings of approved make all complete as per specification and direction of E/I					
		a) 15 mm dia	Each	33.29	10.000	332.90	
		b) 20 mm dia	Each	43.96	15.000	659.40	
		c) 25 mm dia	Each	63.61	12.000	763.32	
		B) Tee plain					
		a) 15 mm dia	Each	40.99	10.000	409.90	
		b) 20 mm dia	Each	53.86	12.000	646.32	
		c) 25 mm dia	Each	74.61	10.000	746.10	
		C) Rednaing Socket					
		b) 20 mm dia	Each	38.46	6.000	230.76	
		c) 25 mm dia	Each	53.71	8.000	429.68	
		D) Nipple a) 15 mm	Each	32.19	10.000	321.90	
		E) Plug 15 mm	Each	24.49	4.000	97.96	

SN	Item No	Item	Unit	Rate	Qty	Amount
Page 12 total:						34112.47
		F) Reducing Tee				
		a) 20 mm dia	Each	56.06	4.000	224.24
		b) 25 mm dia	Each	72.41	4.000	289.64
		G) Union Socket				
		a) 20 mm dia	Each	71.46	10.000	714.60
		b) 25 mm dia	Each	96.61	8.000	772.88
		H) Socket Plain				
		a) 15 mm dia	Each	31.09	12.000	373.08
		b) 20 mm dia	Each	37.36	8.000	298.88
		I) Bend with Socket				
		a) 15 mm dia	Each	37.69	6.000	226.14
		b) 20 mm dia	Each	43.96	6.000	263.76
Page 13 total:						37275.69

Electrification Works

SN	Item No	Item	Unit	Rate	Qty	Amount
1	1.8.1	Wiring for light point/fan point/exhaust fan point/call bell point with 1.5 sq. mm FR PVC insulated copper conductor single core cable in surface/recessed PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S box and earthing the point with 1.5 sq. mm FR PVC insulated copper conductor single core cable etc as required. Group A	Point	264.00	40.00	10560.00
2	1.8.2	Point wiring in PVC conduit, with piano type switch: Wiring for light point/fan point/exhaust fan point/ call conductor single core cable in surface/recessed PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq. mm FR PVC insulated copper conductor single core cable etc as required. Group B		305.00	30.00	9150.00
3	1.8.3	Point wiring in PVC conduit, with piano type switch: Wiring for light point/fan point/exhaust fan point/ call conductor single core cable in surface/recessed PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq. mm FR PVC insulated copper conductor single core cable etc as required. Group C	Each	397.00	15.00	5955.00
4	1.23.4	Supplying and fixing following piano type switch/socket on the existing switch box/cover including connections etc. as required (a) 3 pin 5/6 amps socket outlet.		21.00	12.00	252.00
5	1.23.5	Supplying and fixing following piano type switch/socket on the existing switch box/cover including connections etc. as required (a) 6 pin 15/16 amps socket outlet.	Each	43.00	6.00	258.00
6	1.33	Supplying and fixing 3 pin, 5 amp, ceiling rose on the existing junction box/wooden block including connection etc as required.	Each	19.00	20.00	380.00
7	1.34	Supplying and fixing brass batten/angle holder including connection etc. as required.	Each	33.00	60.00	1980.00
8	1.14.3	Wiring for circuit/submain wiring alongwith earth wire with the following sizes of PVC insulated copper conductor, single core cable in surface /recessed PVC conduit as required. 2 x 4 sq. mm + 1 x 4 sq. mm earth wire.	Mtrs.	97.00	150.00	14550.00
9	1.14.5	Wiring for circuit/submain wiring alongwith earth wire with the following sizes of PVC insulated copper conductor, single core cable in surface /recessed PVC conduit as required. 2 x 10 sq. mm + 1 x 10 sq. mm earth wire.	Mtrs.	171.00	110.00	18810.00
10	2.21.3	Providing and fixing following capacity TP&N disconnecter fuse switch unit inside the existing cubicle panel board with ISI marked HRC fuses including drilling holes in cubicle panel, making connections, etc. as required a) 100 amp TP&N	Each	2308.00	1.00	2308.00
11	2.22.1	Providing and fixing following rating and breaking capacity MCCB in exiting cubicle panel board including, drilling holes in cubicle panel, making connection, etc as required. A) 100 amp 10 KA	Each	1613.00	1.00	1613.00
Page 14 total:						65816.00

SN	Item No	Item	Unit	Rate	Qty	Amount
Page 14 total:						65816.00
12	2.13.2	Supplying, installing, testing and commissioning of distribution tap off box of following capacity on existing rising mains and complete with HRC fuse links, interconnections, earthing etc, as required. A) 16 amp TPN, 4 way	Each	4882.00	1.00	4882.00
13	3.6	Earthing with copper earth plate 600 x 600 x3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but without charcoal or coke and salt) as required.	Set	3263.00	1.00	3263.00
14	4.8	Providing and fixing G.I. tape 20 mm x 3 mm thick on parapet or surface of wall for lighting conductor complete as required (for vertical run)	Mtrs.	43.00	20.00	860.00
15	1.9	Wiring for twin control light point with 1.5 sq. mm FR PVC insulated copper conductor single core cable in surface/recessed PVC conduit, 2 way piano type switch, phenolic lamitaded sheet, suitable size M.S box and earthing the point with 1.5 sq. mm FRPVC insulated copper conductor single core cable etc as required.	Each	398.00	1.00	398.00
16	prevailing rate of office of HT< line	S/ laying aluminium armoured cable 50 sqmm x 3.5 core all complete.	Mtrs.	473.84	50.00	23692.00
Page 15 total:						98911.00

Carriage of materials

SN	Item No	Item	Unit	Rate	Qty	Amount
		Brick	1000 nos	469.19	65.765	30856.28
		Sand	cum	424.310	215.820	91574.58
		Cement	MT	131.620	72.580	9552.98
		Steel	MT	131.620	10.850	1428.08
		Aggregate				
		a) Chips	cum	187.690	126.610	23763.43
		b) Metal	cum	204.440	26.700	5458.55
Page 16 total:						162633.90