

TENDER DOCUMENT

FOR

CONSTRUCTION OF TEMPORARY OFFICE CHAMBER AND STAFF HALL
FOR JRDA OFFICE AT DHANBAD

Tender Notice No : 07/2011-12

PLACE OF WORK : JRDA OFFICE, DHANBAD

PART – II

Price Bid

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

CONSTRUCTION OF TEMPORARY OFFICE CHAMBER AND STAFF HALL
FOR JRDA OFFICE AT DHANBAD

TENDER NOTICE NO : 07/2011-12

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. 6,99,526.27/-

Signature of the Contractor

(Name of the Contractor)

SN	Item	Unit	Qty	Rate	Amount
1	Earth work in excavation in foundation trenches in hard soil (vide classification of soil item - B) and disposal of excavated earth 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 and per building specification and direction of E/I	cum	24.000	64.93	1558.32
2	Providing P.C.C.M-75 with nominal mix of (1:4:8) in foundation and plinth with approved quality of stone metal grade III (50 mm to 25 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	15.000	2511.42	37671.30
3	Providing designation 75 B brick work in C.M. (1:6) in foundation and plinth with approved quality of clean coarse sand of F.M. 2 to 2.5 including providing 10 mm thick mortar joints, cost of screening materials, raking out joints 10 to 15 mm depth curing, taxing and royalty all complete as per building specification and direction of E/I.	cum	21.100	2126.28	44864.51
4	Providing designation 75 B brick work in C.M. (1:6) in superstructure with approved quality of clean coarse sand of F.M. 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	cum	32.000	2183.88	69884.16
5	Providing designation 75 B brick work in C.M. (1:4) in superstructure with approved quality of clean coarse sand of F.M. 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	cum	0.500	2380.77	1190.39
6	Providing designation 125 mm thick reinforced designation 75 B brick work in CM (1:4) in superstructure with approved quality of clean coarse sand of F.M. 2.0 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	sqm	20.000	295.49	5909.80
7	Providing RCC M-150 with nominal mix of (1:2:4) in lintel 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.	cum	3.000	4929.59	14788.77
8	Providing av 63 mm thick RCCM 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) incelling and sades of chajja with sand of F.M. 1.5 curing (but excluding the cost of reinforcement) taxes, and royalty all complete as pre building specification and direction of E/I	sqm	10.500	619.19	6501.50
Page 1 total :					182368.74

SN	Item	Unit	Qty	Rate	Amount
Page 1 total :					182368.74
9	Providing Tor steel reinforcement of 10 mm, 12 mm and 16 mm dia bars as per approved design and drawing excluding carriage of M.S. Rods (straight or in coils) to work site but including 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	MT	0.295	58126.90	17147.44
10	Labour for fabricating, erecting, histing and fixing in position structureal steel work in R.S. joist, channel, Angle, Tee, flat, plate lattice member, built up compound section in column, ginder, staircase, or truss including cost of gusset plates, holding down bolts, anchor plates at all heights and depths, bolting, welding (machining wherever necessary) with applying a priming coat of red lead point all complete as per approved drawing, building specification and direction of E/I	MT	1.130	9894.27	11180.53
11	Supplying structural steel such as tees, chanel, plates angles. Etc	cum	1.243	44018.70	54715.24
12	Labour for fitting and fixing G.C.I. or C.A sheet roofing in proper slope including the cost of "J" or "L" hooks, limpet and bitumen washers, carriage of sheets to work site, and taxes all complete as per bilding specification and diretion of E/I.	sqm	122.000	63.17	7706.74
13	Supplying CA sheet corrugated adjustable RIDGE etc.	sqm	134.200	203.50	27309.70
14	Labour for fitting and fixing G.C.I. or C.A sheet ridge including the cost of "J" or "L" hooks, limpet and bitumen washers, carriage of sheets to work site, and taxes all complete as per bilding specification and diretion of E/I.	mtr	10.000	27.53	275.30
15	Supplying CA sheet Ridge, Valley 1 m long (Plain wing adjustable)	mtr	11.000	198.00	2178.00
16	Providing 12 mm thick flat ply board of national or equivalent make in ceiling with 120 x 60 mm. Sal wood beams at 122 cm centres and 60 x 40 mm. Sal wood runners at 122 cm. centres including the cost of 2 coats of wood preservative paint of approved make fixing at site and taxes all complete as per approved drawing, building specification and direction of E/I	sqm	61.500	913.36	56171.64
17	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	390.000	74.93	29222.70
18	Providing 25 mm thick damp proof course with cement concrete M-150 with nominal mix of (1:2:4) with approved quality of stone chips of 20 mm to 6 mm size graded and cleqn coarse of F.M. 2.5 to 3 including screening, shuttering and mixing cement concrete in mixer with 5% cico or any other approved water proofing compound and placing in position striking curing, taxes and royalty all complete as per building specification and direction of E/I	sqm	8.500	118.34	1005.89
19	Providing and laying 6 mm precast white glazed tiles in wall over 12 mm cement mortar (1:3) and pointed with grey cement slurry flush jointed with white cement including rubbing, polishing and cost of curing taxes and royalty all complete as per building specificatin with commercial grade colour 15 x 15 cm tiles and direction of E/I	sqm	20.000	676.36	13527.20
Page 2 total:					402809.11

SN	Item	Unit	Qty	Rate	Amount
Page 2 total:					402809.11
20	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 F.M. 2.5 to 3 including screening, shuttering 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	0.410	3894.96	1596.93
21	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 specificaton and direction of E/I (Mode of measurement compacted volume)	cum	18.000	21.59	388.62
22	Providing and laying rectified Glazed Ceramic floor tiles 300 x 300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours white, Ivory, Grey, Gume Red Brown, laid on 20 mm thick cement mortar 1:4 (1cement:4 coarse sand) including grouting the joints with white cement and matching pigments etc, Complete.	sqm	125.400	759.90	95291.46
23	Supplying, fitting and fixing M.S. grill made of 20x6 cm MS flat as per approved design and drawing properly fabrication with joints continuous fillet welded and finished smooth, carriage of grill to work site, hoisting as per building specification and direction of E/I (where materials is not supplied by the deptt)	kg	200.000	57.60	11520.00
24	Supplying, fitting and fixing fully glazed steel door, windows or ventilations of standard rolled 'Z' and mullion steel sections nad 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 15x10x10cm, 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 sunk machine screw and nuts and applyinbg 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	10.900	2179.51	23756.66
25	Supplying, fitting and fixing 30 mm thick solid core type nondecorative single leaf flush shutters such as hinges, tower bolts, handle, cleats and sand blocks and taxes all complete as per building specification and direction of E/I.	sqm	11.800	920.18	10858.12
26	Providing two coats of synthetic enamel paint over a coat of primer of Approved shade and made over new wooden surface after cleaning, removing dirt scales, smokes, grease and sand papering, including cost of scaffolding and taxes all complete as per building specificaton and direction of E/I.	sqm	48.000	89.99	4319.52
27	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	sqm	225.000	47.20	10620.00
Page 3 total:					561160.43

SN	Item	Unit	Qty	Rate	Amount
Page 3 total:					561160.43
28	Providing two coats of oil bound distemper of approved shade and make over a coat of cement primer over new surface including preparing the 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	225.000	50.90	11452.50
29	Providing two coats 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	163.000	46.71	7613.73
30	Supplying, fitting and fixing vitreous white glazed earthen ware I W.C. of parry Hindustan or any other ISS approved make with 100 mm H.C.I p trap 15 litres C.I. 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 G.I. chain and pull including supplying and fixing a pair of vitreous white glazed earthenware ware footrest to be fixed in floor 15 mm C.I. 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 specificateion and direction of E/I. a) With 12.5 ltr low level C.I. cistern	each	2.000	3000.28	6000.56
31	Supplying fittings and fixing vitreous white glaxed earthen ware wash 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 C.I. 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	2.000	1411.33	2822.66
32	Supplying, fitting and fixing flat back or angular, lipped front vitreous white glaxed earthen ware urinal of Hindustan "Parry" or any other approved ISS make with 5 litres capacity CI authomatic fulsing 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 C.I. body brass spindle stop cock of approved quality weight not less than 400 grams 15 mm PVC /Alkthene pipe 450 mm longwith brass coupling at both ends and doing plumber joints including painting of exposed part with two coats of approved point 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	2.000	2424.19	4848.38
33	a) Flat black or standing corner (450 x 350 mm)				
	Providing and fixing C.P. brass soap dish medium quality with screws and hinges etc.	each	2.000	104.50	209.00
34	Providing and fixing mirror of 6 m thick plain glass 600 mm x 450 mm beveled edge mirror including CP Brass revolving fittings 3 mm plywood board and C.P. hinges etc. to fix the mirror.	each	2.000	748.00	1496.00
Page 4 total:					595603.26

SN	Item	Unit	Qty	Rate	Amount
Page 4 total:					595603.26
35	Providing and fixing glass shelf of size 450 x 125 mm etc.	each	2.000	242.00	484.00
36	Providing and fixing male ended 15 mm dia brass bib cock of approved quality (Wt. not less than 350 gms) with extra socket all complete as per specification and direction of E/I	each	2.000	240.09	480.18
37	Supplying labour and tools for fixing 15 mm dia GI pipes with Red lead and yarn of following nominal bore with screwed and socketted joints on wall, ceiling and floor including supplying and fitting of wall hooks or pipe clamps, wooden plugs, cutting pipes to size and threading ends if required etc. all complete as per specificatin and direction of E/I (Pipe with socket to be supplied departmentally free of cost)	mtr	10.000	20.95	209.50
38	Supplying of 15 mm nominal bore G.I. pipes (Tata or Equivalent)	mtr	11.000	99.00	1089.00
39	Providing and fixing 20 mm dia brass/C.I. stop cock of approved quality all complete as per specification and direction of E/I	each	2.000	240.86	481.72
40	Providing and fixing 15 mm dia brass/C.I. stop cock of approved quality all complete as per specification and direction of E/I	each	4.000	183.99	735.96
41	Supplying labour and tools for fixing 20 mm dia GI pipes with Red lead and yarn of following nominal bore with screwed and socketted joints on wall, ceiling and floor including supplying and fitting of wall hooks or pipe clamps, wooden plugs, cutting pipes to size and threading ends if required etc. all complete as per specificatin and direction of E/I (Pipe with socket to be supplied departmentally free of cost)	mtr	10.000	21.23	212.30
42	Supplying of 20 mm nominal bore G.I. Pipes (Tata or Equivalent)	mtr	11.000	126.50	1391.50
43	Supplying and fixing 20 mm G.I. fittings of approved make all complete as per specification and direction of E/I	each	2.000	71.46	142.92
44	Supplying and fixing 15 mm G.I. fittings of approved make all complete as per specification and direction of E/I	each	2.000	56.39	112.78
45	Supplying and fixing 15 mm G.I. TEE (Plain) of approved make all complete as per specification and direction of E/I	each	4.000	40.99	163.96
46	Supplying and fixing 20 mm G.I. TEE (Plain) of approved make all complete as per specification and direction of E/I	each	2.000	53.86	107.72
47	Supplying and fixing 15 mm G.I. elbow of approved make all complete as per specification and direction of E/I	each	6.000	33.29	199.74
48	Supplying and fixing 20 mm G.I. elbow of approved make all complete as per specification and direction of E/I	mtr	3.000	43.96	131.88
49	Supplying fitting and fixing HCl pipes with ear of approved make confirming to ISI 1729 including supplying nails and bobins short pieces, cutting loose collars, lead and yarn for making lead caulked joints, cutting pipes to size including earth work or scaffolding where necessary etc. all complete as per specification an direction of E/I a) 100 mm dia HCl pipes	mtr	15.000	598.19	8972.85
50	Providing and fixing 100 mm dia HCl cowel (weight without ear and socket 3.25 kg)	each	2.000	205.70	411.40
51	Providing and fixing 100 mm dia HCl heelrest bend etc.	each	2.000	338.80	677.60
Page 5 total:					611608.27

SN	Item	Unit	Qty	Rate	Amount
Page 5 total:					611608.27
52	Providing and fixing 100 mm dia equal junction.	each	2.000	522.50	1045.00
53	Providing and fixing 100 mm dia HCl plain bend (weight without ear and socket 4.5 kg).	each	2.000	291.50	583.00
54	Providing and fixing 24 guage alaminium sheet to doors of bath rooms (weight without ear end socket 4.5 kg)	sqm	2.800	245.00	686.00
55	Carriage of construction materials by machanical transport including loading , unloading and stacking of materials at site.				0.00
	a) Cement 5 km	MT	11.900	95.82	1140.26
	b) Sand 35 km	cum	37.795	424.31	16036.80
	c) Stone chips 20 km	cum	3.834	305.01	1169.41
	d) Stone metal 20 km	cum	14.4	332.2	4783.68
	e) Bricks 8 km	1000 nos	22704	469.19	10652.49
	f) Steel 5 km	MT	1.538	95.82	147.37
Page 6 total:					647852.27

Electrification :					
SN	Item	Unit	Qty	Rate	Amount
1	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 A	point	26.000	264.00	6864.00
	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	point	12.000	305.00	3660.00
2	Wiring for light/power plug with 2 x 4 sq. mm FR PVC insulated copper conductor single core cable in surface/recessed PVC conduit alongwith 1 NO. 4 sq. mm FR PVC insulated copper conductor single core cable for loop earthing as required.	mtrs	50	97	4850.00
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	60	97	5820.00
4	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 6 sq. mm + 1 x 6 sq. mm earth wire.	mtres	60	127	7620.00
5	Supplying and fixing following piano type switch/socket on the existing switch box/cover including connections etc. as required (a) 5/6 amps switch.	each	37	17	629.00
6	Supplying and fixing metal box of 150 mm x 75 mm x 60 mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 3 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connection, painting etc, as required (for light plugs to be used in non residential buildings)	each	7	102	714.00
7	Supplying and fixing metal box of 180 mm x 100 mm x 60 mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc, as required.	each	5	161	805.00
8	Supplying and fixing 3 pin, 5 amp, ceiling rose on the existing junction box/wooden block including connection etc as required.	each	12	19	228.00
9	Supplying and fixing brass batten/angle holder including connection etc. as required.	each	26	33	858.00
10	Supplying and fixing call bell/buzzer suitable for D.C./A.C. single phase, 230 volts, complete as required.	each	4	26	104.00
11	Supplying of CFL spiral (bajaj make) ecolux 65 w (4L)	each	23	285	6555.00
12	Installation testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable, including providing and fixing phenolic laminated sheet cover on the fan box etc as required.	each	6	68	408.00
Page 7 total:					39115.00

SN	Item	Unit	Qty	Rate	Amount
Page 7 total:					39115.00
13	Installation testing and commissioning of resistance type ceiling fan regulator, in existing switch box including connection with 1.5 sq. mm FR PVC insulated copper conductor, single core cable, earthing the regulator etc as required	each	6	27	162.00
14	Installation of exhaust fan upto 450 mm sweep in the existing opening, including making the hole to suit the size of the above fan, making good the damage, connection, testing, commissioning etc. as required.	each	2	223	446.00
15	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board , 240 bolts, on surface recess, complete with tinned copper busbar , neutral busbar, earth bar, din bar, detachable gland plate, interconnection, phosphatized and powder painted including earthing etc. as required 12 way, single door	each	1	464	464.00
16	Supplying and fixing 5 amps to 32 amps rating, 240 volts, 'B' series, miniature circuit breaker suitable for lighting and other loads of following poles in the existing MCB DB complete with connection, testing and commissioning etc, as required. single pole.	each	9	86	774.00
17	Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc as required 200 mm x 250 mm x 60 mm deep	each	5	137	685.00
18	Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc as required 150 mm x 75 mm x 60 mm deep	each	6	67	402.00
19	Supplying and fixing following rating, double pole, 240 volts, isolator in the exiting MCB DB complete with connection, testing and commissioning etc as required 40 amps.	each	1	166	166.00
20	Supplying of kent (pearl) 1400 mm sweep size ceiling fan (white/brown/black/ivori)	each	6	1250	7500.00
21	Supplying of kent (fresh air fans) 9" metal blade exhaust fans	each	2	980	1960.00

Total : 51674.00

**Grand
Total : 699526.27**