

TENDER DOCUMENT

FOR

RENOVATION AND MAINTENANCE WORK OF JRDA OFFICE AT HATIA
MORE, DHANBAD.

Tender Notice No : 03/2013-14

PLACE OF WORK : JRDA OFFICE, HATIA MORE, DHANBAD

PART – II

Price Bid



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

RENOVATION AND MAINTENANCE WORK OF JRDA OFFICE AT HATIA
MORE, DHANBAD.

TENDER NOTICE NO : 03/2013-14

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/ Percent below/At par the estimated rates, amounting to
(in figures) Rs..... (in figures) Rs.
.....
..... (in words)
against the estimate value of Rs. 11,04,394.13/-

Signature of the Contractor

(Name of the Contractor)

Bill of Quantity

Name of the work : Renovation and Maintenance Work of JRDA Office at Hatia More,
Dhanbad.

A) Building Portion

SN	Item	Unit	Rate	Qty	Amount
1	Taking down chaukhats in doors including stacking serviceable materials whiin 15M lead and disposal of un derviceable materials with all leads all complete as per direction of E/I				
	a) door	each	37.16	2.000	74.32
	b) window	each	53.83	5.000	269.15
2	Dismantling old plaster and pointing in cement or lime and raking out joints to 15 mm depth, watering and disposal of underviceable materials with all leads all complete as per direction of E/I	sqm	9.00	202.000	1818.00
3	Supplying, fitting and fixing good quality, well dressed and well seasoned sal wood work in chaukhat in doors, windows skylights, fanlights and C/W celestial windows openings, including wedge over all clamps complete including application of two coats of wood preservative of approved quality on the surface butting wall and lintels all complete as per building specification and direction of E/I	cum	47274.61	0.250	11818.65
4	Supplying, fitting and fixing 250 x 20 x 6 mm L-type M.S.Clamp properly fishtailed, including making holes and setting the same in 250 x 125 x 75 mm cement concrete block (1:2:4) with cost off all labour and materials and taxes as per building specification and direction of E/I	each	45.60	32.000	1459.20
5	Supplying, fitting and fixing M.S. grill flat of 20 x 6 mm M.S. flat as per approved design and drasing, properly fabricated 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	63.58	135.000	8583.30
6	Supplying, fitting and fixing collapsible gate of approved size and make properly fabrication with vertical bouble channels 20x10x2 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 40x 6 mm with 38 mm dia steel pulleys complete with bolts, nuts, locking arrangements, stoppers, handles, including applying apriming coat of red lead paint, carriage, hoisting and taxes all complete as per building specification and direction of E/I	sqm	2931.65	2.230	6537.58
7	Supplying, fitting and fixing 32 mm thick good quality, well dressed sal wood fully paneled shutters in doors and windows with 25 mm thick panels with one side plain and other side chamfered with oxidised from fitting such as hinges, sliding foor, bolts, tower bolts, handles or rings, hooks and eyes, cleats, sand b locks as per schedule taxes and royalty all complete as per building supecification and direction of E/I	sqm	2801.77	3.230	9049.72

8	Supplying, fitting and fixing 32 mm thick good quality, well dressed and well seasoned sal wood fully glazed shutters in windows with oxidised iron fitting and 3 mm thick plain single glass fitted with sal wood beads, taxes all complete as per building specification and direction of E/I	sqm	1788.97	7.380	13202.60
9	Providing and dinging aluminum sliding door bolts, ISI marked anodized (anodic coating not less than grade AC 10 as per IS :1868), transparent or dyed to required colour or shade, with nuts and screws etc, complete:	each	203.80	2.000	407.60
10	Fixing chowkhats in existing opening including embedding chowkhats in floors or walls cutting masonry for holdhasts, embedding hold fasts in cement concrete blocks of size 15 x10 x10 cm with cement concrete 1:3:6 (1 cement :3 coarse sand : 6 graded stone aggregate 20 mm nominal size), painting two coats of approved wood preservative to sides of chowkhats and making good the damages to walls and floors as required complete, including disposal of rubbish to the dumping ground within 50 meters lead window chowkhats.				
	a) door	each	600.10	2.000	1200.20
	b) window	each	367.05	5.000	1835.25
11	Providing and fixing skirting with pre-laminated (one side decorative and other side balancing lamination) flat pressed 3 layer or graded particle board (medium density) Grade I, Tupe II. IS: 12823 marked, with necessary fixing arrangements and screws, including drilling necessary holes for rawl plugs etc. and priming coat on unexposed surface complete 18 mm thick.	sqm	1395.40	1.780	2483.81
12	Dismantling patent stone floor including stacking serviceable materials in countable stacks within 15M, lead and disposal of unserviceable materials with all leads all complete as per direction of E/I	sqm	17.92	250.640	4491.47
13	Providing and laying vitrified tiles in different sizes (thickness to be specified by manufacturer) with water absorption less than 0.08% and conforming to I.S. 15622, of approved make in all colours and shade in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand), including grouting the joint with white cement and matching pigments etc. complete size of tile 600x600mm	sqm	1339.20	250.640	335657.09
14	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS:15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by E/I, in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	sqm	724.25	202.000	146298.50

15	Providing designation 75 B brick work in CM (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 and Extra for brick work for each consecutive floor above first floor including watering and scaffolding all complete as per direction of E/I	sqm	2555.56	0.088	224.89
16	Polythene water storage tank of ISI mark (e.g. sintex/Sinter/Himgiri/Gongotri etc.) with cover and locking suster.	litre	5.22	1500.000	7830.00
17	G.I. Pipes (TATA Mark) or Equivalent.				
	(i) 25 mm dia	mtr	187.00	20.000	3740.00
	(ii) 20 mm dia	mtr	136.40	40.000	5456.00
	(iii) 15 mm dia	mtr	106.70	50.000	5335.00
18	Supplying labour and tools for fixing G.I. 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 specification and direction of E/I (pipe with socket to be supplied departmentally free of cost)				
	(i) 25 mm dia	mtr	23.04	20.000	460.80
	(ii) 20 mm dia	mtr	22.76	40.000	910.40
	(iii) 10 mm dia	mtr	22.49	50.000	1124.50
19	Supplying and fixing G.I. union socket fittings of approved make all complete as per specification and direction of E/I				
	a) 25 mm dia	each	68.24	6.000	409.44
	b) 20 mm dia	each	47.40	8.000	379.20
	c) 15 mm dia	each	36.01	15.000	540.15
	a) 25 mm dia	each	78.14	2.000	156.28
	b) 20 mm dia	each	61.15	4.000	244.60
	a) 25 mm dia	each	104.54	2.000	209.08
	b) 20 mm dia	each	77.65	4.000	310.60
	c) 15 mm dia	each	61.31	6.000	367.86
20	Providing and fixing water closet squatting pan (Indian type WC pan) with 100 mm sand cast iron P or S trap, 10 litre low level white PVC flushing cistern, including flush pipe, with manually controlled device (handle level) conforming to IS:7231 with all fittings and fixtures complete including cutting and making good the walls and floors wherever required white vitreous china Orissa pattern WC pan of size 580x440mm with integral type foot rests.	each	2964.10	4.000	11856.40
21	Supplying and fixing HCI fittings of approved make confirming to ISS 1729 including supplying nails and bobbins lead and yarn from making lead caulked joints including earth work or providing scaffolding as the case may be all complete as per specification and direction of E/I floor trap with grantings	each	446.33	5.000	2231.65

22	Supplying, fitting and fixing vitreous white glazed earthen ware Indian squatting type 600x350 mm urinal lattes of papery, Hindustan or any other ISS approved make with internal flushing rim, 100 mm white glazed earthen ware channel about 1 m long 5 litre capacity CI automatic flushing cistern of reliance	mtr	2642.52	5.000	13212.60
23	C.P brass soap dish medium quality with screw and hinges etc	each	94.60	4.000	378.40
24	Providing and fixing Gun metal full way valve of approved quality all complete as per specification and direction of E/I	each			
	a) 25 mm dia	each	399.34	4.000	1597.36
	b) 20 mm dia	each	325.15	4.000	1300.60
25	Providing and fixing brass/C.I. stop cock of approved quality all complete as per specification and direction of E/I	each	191.11	8.000	1528.88
26	Providing and fixing brass bib cock of approved quality 15 mm nominal bore.	each	205.60	8.000	1644.80
27	15 mm dia x 30 cm long connecting long lead connection pipe with brass fittings	each	95.70	8.000	765.60
28	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 carbonandum stone, taxes and royalty with all complete as per building specification and direction of E/I	sqm	198.07	1.168	231.35
29	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth. 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5 m, disposed earth to be leveled and neatly dressed.	cum	129.35	37.230	4815.70
30	Providing designation 75 A one brick flat soling joints filled with local sand including cost of watering taxes royalty all complete as per building specification and direction of E/I	sqm	139.35	212.000	29542.20
31	Providing coarse clean sand in filling in foundation trenches or in plinth including ramming and watering in layer 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	sqm	164.64	10.600	1745.18
32	Providing PCCM -150 in nominal mix of (1:2:4) in foundation with approved quality of stone chips 20 mm to 5 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, taxes and royalty all complete as per building specification and direction of E/I	cum	4747.14	41.630	197623.44

33	Repair to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meter and under including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete including disposal of tubbish to the dumping ground within 50 meters lead with cement mortar 1:4 (1 cement : 4 fine sand)	sqm	186.40	30.000	5592.00
34	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	sqm	83.80	710.000	59498.00
35	Providing two coats of oil bound distemper of approved shade and make over a coat of cement primer over new surveyed including preparing the plastered surface by rubbing smooth with punice 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	55.00	710.000	39050.00
36	Providing two coats of painting with ready mixed paint of approved shade and make over old wooden surface	sqm	48.42	330.000	15978.60
37	Providing two coats of snowcem of approved shase and make over old surface including washing cleaning and preparing the walls scaffolding, curing and taxes all complete as per building specification and direction of E/I	sqm	41.92	1152.700	48321.18
38	Providing RCCM-150 with nominal mix of (1:2:4) in foundation and plinth 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	4747.14	0.170	807.01
39	Providing tor sheel reinforcement of 8 mm dia rods as per approved design and drawing TMT Fe 500 (only valid for SAIL & TATA Steel)	MT	65344.68	0.012	784.14
40	Carriage of Materials				
	Cement upto 5 KM	MT	102.48	13.430	1376.31
	Sand upto 5 KM	cum	203.66	29.870	6083.32
	Stone chips 8 KM	cum	176.20	37.630	6630.41
	Brick upto 8 KM	1000/cum	440.50	6926.000	3050.90
41	Supplying labours, tools and tackles for cleaning filled and choaked manhole, septic tank, inspection-chamber, gulley pits, sewerage tank etc. in all lift and disposal of spoils upto a lead of 50 M all complete as per specification and direction of E/I	cum	296.55	25.830	7659.89
42	Supplying materials and labours for construction inspection chamber of designation class 75 B bricks size 750mm deep, 600x450mm internal dimension having 250 mm wall thickness in cement motar (1:6) including 12 mm cement plaster (1:4) with punning on inside and cement plaster (1:6) with 600x475mm GI cover with frame (weight not less than 36kg) along with earth work in excavation and 80 mm thick PCC (1:3:6) in foundation and refilling all complete as per specification and direction of E/I	each	5500.42	2.000	11000.84

43	Supplying, fitting and fixing glass panes including supplying putty, beads and nails after taking out old and broken glass panes and disposal of debris all complete as per building specification and direction of E/I 3 mm plain	sqm	429.17	1.620	695.26
44	Extra for cleaning the old surface by scrapping the entire old white wash or colour wash including cost of scaffolding all complete as per direction of E/I	sqm	5.32	710.000	3777.20
45	Providing and fixing toilet paper holder CP brass	each	250.95	4.000	1003.80
46	Providing and fixing CP towel ring of Grohe/jaguan mark	nos	1328.42	4.000	5313.68
47	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS: 13592 Type A including jointing with seal ring conforming to IS:5382 leaving 10 mm gap for thermal expansion (i) single socketed pipes 110 mm diameter.	mtr	206.90	40.000	8276.00
48	Providing and fixing on wall face unplasticised - PVC molded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming to IS:13592 Type A including jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion 110 mm bend	each	156.95	10.000	1569.50
49	Providing and fixing MS holder bat clamps of approved design to CI or SCI rain water pipes embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and cost of cutting holes and making good the wall etc. 100 mm diameter	each	112.50	30.000	3375.00
50	Providing 150 mm wide brick drain in cement mortar (1:6) with av 150 mm clear depth and 125 mm arron including cost of earth work involved with 75 mm cement concrete (1:4:3) over one brick designation 75 A flat soling in proper grade and slope at the base the drain duly plastered in CM (1:3) with punning over exposed surface all complete as per building specification and direction	mtr	370.41	30.000	11112.30
51	Providing 250 mm wide brick drain in cement mortar (1:6) with av 150 mm clear depth and 125 mm arron including cost of earth work involved with 75 mm cement concrete (1:4:3) over one brick designation 75 A flat soling in proper grade and slope at the base the drain duly plastered in CM (1:3) with punning over exposed surface all complete as per building specification and direction	mtr	735.98	30.000	22079.40
Total :					1104394.13