

TENDER DOCUMENT

FOR

Construction of Compound Wall, Shed & Road for Ashmashan Place at Jharia Vihar Colony, Belgoria, Dhanbad.

**Tender Notice No : 10/2013-14**

PLACE OF WORK : BELGORIA, DHANBAD

**PART – II**

**Price Bid**

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

Construction of Compound Wall, Shed & Road for Ashmashan Place at Jharia  
Vihar Colony, Belgoria, Dhanbad.

TENDER NOTICE NO : 10/2013-14

**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/ below the estimated rates, amounting to (in figures)  
Rs.....) (in figures) Rs. ....  
..... (in words)  
against the estimate value of Rs. 25,18,517.00/-

Signature of the Contractor

(Name of the Contractor)

**JHARIA REHABILITATION AND DEVELOPMENT AUTHORITY,  
DHANBAD**

construction of Compound Wall, Boundary wall around Ashmashan  
Place at Jharia Vihar Colony, Belgoria, Dhanbad.

**ABSTRACT**

<b>1</b>	<b>Abstract of cost for construction of Boundary wall around Ashmashan Place at Jharia Vihar Colony, Belgoria, Dhanbad.</b>	<b>=</b>	<b>2194159.01</b>
<b>2</b>	<b>Abstract of cost for shed &amp; road for Ashmashan Place at Jharia Vihar Colony, Belgoria, Dhanbad.</b>	<b>=</b>	<b>324358.00</b>
	<b>Total :</b>	<b>=</b>	<b>2518517.00</b>

Estimate cost for construction of Boundary wall around Ashmashan Place  
at Jharia Vihar Colony, Belgoria, Dhanbad.

SN	ItemNo	Item	Unit	Qty	Rate	Amount
1	5.1.2	Extra for earthwork in hard soil as per specification and direction of E/I	cum	189.000	70.60	<b>13343.40</b>
2	5.6.3	Providing designation 75 B one brick flat soiling joints filled with local sand including cost of watering taxes royalty all complete as per building specification and direction of E/I	sqm	268.500	128.70	<b>34555.95</b>
3	5.1.10	Providing course 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)	sqm	9.000	164.64	<b>1481.76</b>
4	5.3.4	Providing P.C.C. 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, shuttering, mixing cement concrete in mixer and direction of E/I	cum	18.000	2961.90	<b>53314.20</b>
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 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 (bit excluding the cost of reinforcement, taxes and royalty in complete, as per building specification and direction of E/I	cum	37.000	5373.04	<b>198802.48</b>
6	5.3.6.1	Providing RCCM-200 in band at plinth level 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 (bit excluding the cost of reinforcement, taxes and royalty in complete, as per building specification and direction of E/I	sqm	27.300	5802.38	<b>158404.97</b>
7	5.3.14	Providing RCC M-200 with nominal mix of (1:1½:3) in columns with	cum	18.000	6100.74	<b>109813.32</b>

8	5.26	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 joints, cost of screening materials reaking out joints to 15 mm depth, curing, taxes and royalty all complete a per building specification and direction of E/I	cum	92.000	2435.31	<b>224048.52</b>
9	5.2.14	Providing designation 75B 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, taking out joints to 15 mm depth curing, taxes and royalty all complete as per building specification and direction of E/I	sqm	184.000	2497.67	<b>459571.28</b>
10	5.7.3	Providing 12 mm thick cement plaster (1:6) with clean coarse sand of FM 1.5 including screening curing with all leads and lifts of water, scaffolding taxes and royalty all complete a sper building specification and direction of E/I	sqm	2143.000	85.36	<b>182926.48</b>
11	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 specificaiton and direction of E/I	sqm	2143.000	50.68	<b>108607.24</b>
12	5.5.4	Providing Tor steel reinforcement of 8 mm dia rods as per approved design and drawing				
		(a) 8 mmt	mt	2.060	65344.68	<b>134610.04</b>
		(b) 10 mmt	mt	1.000	63982.93	<b>63982.93</b>
		(c) 12 mmt	mt	2.930	63301.48	<b>185473.34</b>
		(d) 16 mmt	mt	2.240	63489.75	<b>142217.04</b>
13	5.5.30	Supplying, fitting and fixing M.S. grill gate with M.S. grills made of 20x6 mm MS flats or 16 mm MS square bars fitted on 25x25x5 mm. MS angle frame when steel is not supplied by the deptt.		180.000	74.46	<b>13402.80</b>
14	5.8.45	Providing two coats of synthetic enamel paint of approved shade and make over steel surface including cleaning the surface thoroughly, scaffolding and taxes all complete as per building specificatoin and direction of E/I	sqm	8.400	38.07	<b>319.79</b>
15		Carriage of materials				
		a) Cement	MT	68	100.11	<b>6807.48</b>

	b) Bricks	%	125000	400.46	<b>50057.50</b>
	c) Sand	cum	190.000	185.15	<b>35178.50</b>
	d) Stone aggregate 40 mm	cum	18.000	174.46	<b>3140.28</b>
	e) Stone aggregate 20 mm	cum	71.000	174.46	<b>12386.66</b>
	f) Steel	MT	8.230	100.11	<b>823.91</b>
16	Putting in plinth with available excavated earth outside of walls	cum	37.800	23.47	<b>887.17</b>
Total :			<b>2194159.01</b>		

Estimate cost for shed & road for Ashmashan Place at Jharia Vihar Colony,  
Belgoria, Dhanbad.

SN	Item No	Item	Unit	Qty	Rate	Amount
1	5.1.1+5.1.2	Earthwork in excavation in foundation trenches in ordinary soil (vide classification of soil item (A) and disposal of excavated earth as obtained to a distance upto 50M including all lifts, levelling, 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 earthwork in hard soil as per specification and direction of E/I	cum	30.000	70.60	<b>2118.00</b>
2	5.1.10	Providing course 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)	sqm	12.110	164.64	<b>1993.79</b>
3	5.3.4	Providing P.C.C. 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, shuttering, mixing cement concrete in mixer and direction of E/I	cum	4.500	2961.90	<b>13328.55</b>
4	6.3.4	Providing designation 75B one brick on end edging ending in road embankment in proper grade including cost of earth work in excavation, taxes and royalty all complete, as per approved design, specification and direction of E/I		139.400	203.89	<b>28422.27</b>

5	5.3.2	Providing P.C.C. 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	17.000	4747.14	<b>80701.38</b>
6	5.3.5.1	Providing RCCM-200 with nominal mix of (1:1.5:3) in foundation and plinth with approved quality of some 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 (bit excluding the cost of reinforcement, taxes and royalty in complete, as per building specification and direction of E/I	cum	2.200	5373.04	<b>11820.69</b>
7	5.3.6.1	Providing RCCM-200 in band at plinth level with approved quality of some 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 (bit excluding the cost of reinforcement, taxes and royalty in complete, as per building specification and direction of E/I	sqm	1.230	5802.38	<b>7136.93</b>
8	5.3.14	Providing RCC M-200 with nominal mix of (1:1½:3) in columns with	cum	2.160	6100.74	<b>13177.60</b>
9	5.3.8.1	Providing RCCm-200 with nominal mix of (1:1.5:3) in foundation and plinth with approved quality of some 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	1.060	6592.23	<b>6987.76</b>

10	5.3.30.1	Providing precast RCC M-200 with nominal mix of (1:1.5:3) slab of desired size with approved quality of stone chips and clean coarse sand of FM 2.5 to 3 including curing, shuttering carrying the slab manually to site and laying in position all complete (but excluding the cost of reinforcement) taxes and royalty, all complete as per building specification and direction of E/I	sqm	0.500	5150.97	<b>2575.49</b>
11	5.5.4	Providing Tor steel reinforcement of 8 mm dia rods as per approved design and drawing				
		(a) 8 mmt	mt	0.250	65344.68	<b>16336.17</b>
		(b) 10 mmt	mt	0.100	63982.93	<b>6398.29</b>
		(c) 12 mmt	mt	0.320	63301.48	<b>20256.47</b>
		(d) 16 mmt	mt	0.191	63489.75	<b>12126.54</b>
12	5.2.6	Providing designation 75B brick work in C.M. (1:6) in foundation and plinth and 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		5.730	2435.31	<b>13954.33</b>
13	5.2.14	Providing designation 75B 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	sqm	5.030	2497.67	<b>12563.28</b>
14	5.7.3	Providing 12 mm thick cement plaster (1:6) with clean coarse sand of FM 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		91.430	85.36	<b>7804.46</b>



5	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 specificatoin and direction of E/I		91.430	50.68	<b>4633.67</b>
16	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 smoth by rubbing with carorandum stone, taxes and royalty with all complete as per building specification and direction of E/I.		32.500	198.07	<b>6437.28</b>
17	5.5.28	Labour for fabricating, erection hoisting and fixing in position structural steel work in R.S joist, channel angle, Tee, flat, plate latice member, built up compound section in column, girder, stair case 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 cost of red lead paint all complete as per approved drawing, building specification and direction of E/I		0.393	58629.68	<b>23041.46</b>
18	5.9.10	Labour for fitting and fixing G.C.I or C.A sheet roofing in proper slope including the cost of J and L hooks limpet and bitumen washers, carriage of sheets to work site, and taxes all complete as per building specification and direction of E/I		44.000	268.99	<b>11835.56</b>
19	5.9.11	Labour for fitting and fixing G.C.I ro CA sheet ridge including the cost of J and L hooks limpet and bitumen washers, carriage of sheets to work site, and taxes all complete as per building specification and direction of E/I		5.500	224.49	<b>1234.70</b>
20	M. R.	Providing a six		33.000	75.00	<b>2475.00</b>
16		Carriage of materials				
		a) Cement	MT	10.50	100.11	<b>1051.16</b>
		b) Bricks	%	12000	400.46	<b>4805.52</b>

	c) Sand	cum	35.000	185.15	<b>6480.25</b>
	d) Stone aggregate	cum	26.000	174.46	<b>4535.96</b>
	e) Steel	MT	1.254	100.11	<b>125.54</b>
		Total :	<b>324358.00</b>		