

Schedule of Quantity for: "Roof treatment of "A" type quarters & construction of toilet at Turamdih Township"

N. I. T No.: TMD/MIN – 686

**[P R I C E P A R T]**

Schedule of Quantity for: **“Roof treatment of “A” type quarters & construction of toilet at Turamdih Township.”**  
**Part “A”**

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Item No.	Description of item	Qty	Unit	Rate Rs. P	Rate in words	Amount Rs. P
1	Demolishing lime concrete manually/ by mechanical means and disposal of material within 50 metres lead as per direction of Engineer-in-charge.	<b>548.28</b>	<b>CUM</b>			
2	Disposal of material by manual labour including loading, unloading and stacking for lead less than 1 Km Earth	<b>550.00</b>	<b>CUM</b>			
3	Grading roof for water proofing treatment with Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size as per the direction of Engineer-in-charge.	<b>185.00</b>	<b>CUM</b>			
4	Extra for providing and mixing water proofing material in cement concrete work @ 1 kg per 50kg of cement	<b>1000.00</b>	<b>KG</b>			

**N. I. T No. TMD/MIN - 686**

Item No.	Description of item	Qty	Unit	Rate Rs. P	Rate in words	Amount Rs. P
5	12mm cement plaster of mix: 1 : 4 (1 cement : 4 fine sand) complete as per the direction of E. I. C.	1825.00	Sqm			
	<b>Total of Part "A"</b>					

**Part "B": Construction of toilet at Turamdih Township**

**N. I. T No. TMD/MIN - 686**

Item No.	Description of item	Qty	Unit	Rate Rs. P	Rate in words	Amount Rs. P
6	Earth work in excavation in foundation trenches, pits or drains not exceeding 1.5 Mtr in depth, 2 Mtr in width as well as 10 Sq.m on plan including clearing of bushes and shrubs from ground level including trimming dressing of sides and ramming of bottoms, lift upto 1.5 Mtr including dewatering getting out the excavated soil and disposal of surplus excavated soil within a lead of 100 m including cost of all materials, labour, tools and tackles etc. as per drawings, specifications and directions of Engineer-in-charge. a) Ordinary/ dense soil mixed with gravels / rock fragments / loose waste	<b>30.00</b>	<b>CUM</b>			
7	Supply, mix place in position compact & cure cement concrete 1:3:6 (1 Cement: 3 coarse sand: 6) graded stone aggregate 20mm nominal size below foundations, walls, wells, pits, trenches etc. as per specifications, drawings and directions of the Engineer -in-charge including cost of all materials, labour, tools and tackles etc. including cost of cement, centring and shuttering.	<b>2.00</b>	<b>CUM</b>			

**N. I. T No. TMD/MIN - 686**

Item No.	Description of item	Qty	Unit	Rate Rs. P	Rate in words	Amount Rs. P
8	Supply and laying in position brick work with designate 75 bricks (compressive strength not less than 75 Kg/Sq.cm) in foundation, trench and upto plinth in cement-coarse sand mortar (1:6) including mixing mortar, laying bricks, raking joints, curing etc. complete with all materials and labour but including cost of cement as per drawings and specifications.	17.00	CUM			
9	15 mm thick (minimum) plastering with 1:6 (1 cement:6 coarse sand) to walls, channels in roof and other structures at various elevations including demolishing old plaster (if require), mixing, laying finishing, curing and necessary scaffolding work complete as per drawings, specifications and instructions of the Engineer with all materials and labour but including cost cement.	60.00	Sqm			
10	Neat cement punning, curing including cost of all labour at all elevations as per drawings specifications and as per directions of E. I. C & excluding cost of all materials.	30.00	Sqm			

Item No.	Description of item	Qty	Unit	Rate Rs. P	Rate in words	Amount Rs. P
11	Providing and laying 150mm dia RCC pipe 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) including testing of joints etc complete as per the direction of EIC	<b>20.00</b>	<b>RM</b>			
12	Providing and fixing white vitreous china water closet squatting pan Indian type w. C pan with 100 mm sand cast iron P or Strap 10 litres low level P. V. C flushing cistern of approved make with fittings and C. I/M. S brackets 32mm dia flush pipe with fittings and clamps, overflow arrangement with specials and mosquito proof coupling of approved design complete including cutting and making good the walls and floors where required jointing w. C pan and trap with m-seal all complete as per directions of EIC, Orissa pattern of size 580 mm long.	<b>2.00</b>	<b>Nos.</b>			
13	Providing and fixing white vitreous china wash basin with C. I/M. S brackets, 15 mm C. P brass pillar taps, 32 mm C. P brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls. Flat back wash basin 550 x 400 mm with single 15 mm C. P brass pillar tap.	<b>2.00</b>	<b>Nos.</b>			

14	Providing & fixing G. I pipes TATA/Jindal make medium grade (internal & external) complete with G. I fittings like bend. 'T' union etc clamps including making chase in walls and making good the wall after housing G. I pipes or trenching and refilling as necessary, apply a coat of zinc chromate primer for concealed pipes and two coats of synthetic enamel paint over a coat of zinc chromate primer for exposed pipes and pipes below G. I to be painted with two coats of anti corrosive bitumastic paint of approved brand and manufacturer and necessary hydrostatic tests etc complete as per specification and the direction of the Engineer-in-charge. a) 15mm dia	35.00	RM			
	b) 25mm dia	30.00	RM			
15	Providing and fixing 600 X 450mm beveled edge mirror of superior glass 6 mm thick of approved quality complete with 6 mm thick hard board ground fixed to wooden cleates with C. P brass screws and washers. <b>Make :MODI GLASS</b>	2.00	Nos.			
16	Providing and fixing brass bib cock of approved quality :15mm nominal bore	8.00	Nos.			

Item No.	Description of item	Qty	Unit	Rate Rs. P	Rate in words	Amount Rs. P
17	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 6 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.	20.00	Sqm			
18	Providing C. G. I sheet roofing (TATA make) fixed with G. I J or L hooks, bolts and nuts 8 mm diameter with bitumen and G. I limpet washers or with G. I limpet washers filled with white lead and including and coat of approved steel primer and two coats of approved paint on overlapping of sheets complete with 0.8 mm thick with zinc coating not less than 275 gm/Sq.m	10.00	Sqm			
19	Supply, mix place in position compact & cure including testing of concrete specimens, finishing surfaces as per specifications, drawings and directions of the Engineer with nominal mix 1:2:4 cement :2 coarse sand: 4 graded stone aggregate 20mm nominal size) including cost of all materials, labour but excluding cost of shuttering, cement and reinforcement in all types of works above ground level as per drawings, specifications and directions of Engineer-in-charge	2.00	CUM			



Item No.	Description of item	Qty	Unit	Rate Rs. P	Rate in words	Amount Rs. P
20	Providing and fixing angle T-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded with 15 x 3 mm lugs 10 cm long embedded in cement concrete blocks 15 x 10 x 10 cm of 1 : 3 : 6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) or with wooden plugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as require including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer.	100.00	Kg			
21	Providing & fixing 30 mm thick flush door shutter non-decorative type, core block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters as per the direction of E. I. C	10.00	Sqm			
22	Supplying and applying three (3) coats of white wash over new work at various elevations including preparation of surfaces, cleaning etc. complete with all materials, labour, tools and tackle etc., scaffolding work as per specifications and directions of Engineer-in-charge <b>COMPOSITION</b> i) Water @ 5 litres per Kg of lime for making cream. ii) Fevicol DDI @ 4 gm. Per litre of lime cream. iii) Robin Blue @ 2gm. Per Kg lime.	200.00	Sqm			

**N. I. T No. TMD/MIN-686**

Item No.	Description of item	Qty	Unit	Rate Rs. P	Rate in words	Amount Rs. P
23	Supplying & applying for finishing walls with weather coat paint of approved brand and manufacture and of required shade to give an even shade to old work (two or more coats) including cost of labour, tools & tackles as per specification, drawings and directions of E. I. C.	<b>150.00</b>	<b>Sqm</b>			

	Total of Part "B"	
	Rebate if any in words (_____)	%
	<b>Grand Total of Part "A" + Part "B"</b>	

(Total in words .....)

**NOTE:**

1. All items rates must be written in figures and words without which tenders are liable to be rejected.
2. All the pages of tender document must be duly signed by tenderer along with their seal.
3. Overall rebate, if any must be quoted in the above column only and written elsewhere shall not be considered.
4. Conditional tender submitted by the tenderer will be summarily rejected without any prejudice, hence tenderer are advice to quote their rates as per N. I. T conditions.
5. The Quoted rate should be inclusive of all taxes and duties including Service Tax

Signature with Seal