

Schedule of Quantity for: "Maintenance civil work at Turamdih Mines"

N. I. T No.: TMD/MIN – 677

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

Schedule of Quantity for: **"Renovation & repairing of existing tool room for ladies training centre at Turamdih Mines."**

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Item No.	Description of item	Qty	Unit	Rate Rs. P	Rate in words	Amount Rs. P
1	Earth work in excavation over areas exceeding 30 cm in depth and 1.5 mtr in width as well as 10 Sqm on plan including cleaning of bushes and shrubs from ground level including trimming, dressing the sides, and ramming of bottom including disposing the surplus earth within a distance of 2 KM including cost of labour complete as per directions of E. I. C (Transportation will be provided by deptt. free of cost) In ordinary soil mixed with gravels and soft rock fragments.	<b>250.00</b>	<b>CUM</b>			
2	Labour charges for mix, place in position compact and cure cement concrete in foundations, footings and bases for columns etc. including cost of labour but excluding cost of centering and shuttering as per specifications, drawings and as per directions of E. I. C (Vehicle will be provided by deptt free of cost). a) 1:2:4 (1 cement:2coarse sand:4 20mm stone aggregate nominal size)	<b>50.00</b>	<b>CUM</b>			
	b) 1:4:8 (1 Cement:4 Coarse sand:8 40mm stone aggregate nominal size)	<b>10.00</b>	<b>CUM</b>			

Item No.	Description of item	Qty	Unit	Rate Rs. P	Rate in words	Amount Rs. P
3	Labour charges for mix, place in position compact and cure including testing of reinforced cement concrete specimens, finishing surface smooth as per specifications/drawings Reinforced cement concrete work in pavements, lintel, roof, pillar, chajja, drain slab etc., including cost of labour but excluding cost of centering, shuttering upto floor two level for any lead and lift as per directions of E. I. C and any volume of work upto 0.10 CUM (Transportation will be provided by deptt free of cost). 1:2:4 (1 cement:2coarse sand:4 20mm stone aggregate nominal size)	50.00	CUM			
4	Labour charges for dismantle and remove the form work of approved quality including splay, recess, corners, haunch etc scaffolding including required staging and supporting etc and necessary rendering of concrete surfaces after exposure at all elevations for all type of work with plywood shuttering including circular shuttering and cost of all materials & labour complete as per specifications, drawings and directions of E. I. C. Any kind of work	150.00	Sqm			

Item No.	Description of item	Qty	Unit	Rate Rs. P	Rate in words	Amount Rs. P
5	Reinforcement work for all types of RCC work at all elevation including cleaning, straightening, cutting, bending and binding with 18 SWG annealed wire and providing concrete cover blocks, pins, chairs, nails supports for reinforcement etc including cost of labour but excluding cost of reinforcement steel complete as per drawings, specifications and as per directions of E. I. C.	<b>7000.00</b>	<b>Kg</b>			
6	Labour charges for laying in position brick work with designate 75 bricks (compressive strength not less than 75 Kg/Sq.cm) in foundations and super structure upto any volume upto floor 2 level in cement coarse sand mortar (1:6) including mixing mortar, laying bricks, raking joints, curing etc. complete with all materials and labour but excluding cost of bricks, cement and sand complete as per drawings, specifications and directions of E. I. C (Free transportation for shifting materials will be provided by deptt free of cost) But loading, unloading to be done by contractor.	<b>105.00</b>	<b>CUM</b>			

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Item No.	Description of item	Qty	Unit	Rate Rs. P	Rate in words	Amount Rs. P
7	Labour charges for applying curing etc 15mm cement plaster of mix 1:6 (1 cement : 6 fine sand) at all elevations as per drawings, specifications and directions of E. I. C	100.00	Sqm			
8	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.	300.00	Sqm			
9	Removing white or colour wash etc. by scraping, sand papering and preparing the surface smooth including necessary repairs to scratches etc including cost of all labour complete as per directions of E. I. C	100.00	Sqm			
10	Labour charges for white washing with lime to give an even shade on old work with two or ore coats at all elevations as per composition given below complete as per directions of Engineer-in-charge COMPOSITION i) Water @ 5 litres per Kg of lime for making cream ii) Fevicol DDL @ 4 gm. Per litre of lime cream. iii) Robin Blue @ 2gm. Per Kg lime.	20000.00	Sqm			

Item No.	Description of item	Qty	Unit	Rate Rs. P	Rate in words	Amount Rs. P
11	Labour charges for finishing walls with water proofing cement paint of approved brand and manufacture and of required shade to give an even shade to old work (two or more coats) as per specification, drawings and directions of E. I. C	<b>1500.00</b>	<b>Sqm</b>			
12	Labour charges for distempering with oil bound washable distemper of approved brand and manufacturer over a coat of approved primer after preparation of surface properly to give an even shade as per specifications and directions of E. I. C One or more coats on old work till give an even shade	<b>150.00</b>	<b>Sqm</b>			
13	Labour rate for one or more coats painting with synthetic enamel paint/Aluminium paint of approved brand and manufacture on old work in all shades including black and chocolate in any kind of structural steel doors, windows, electrical posts, rain water pipes, soil pipes upto floor two level including cost of labour as per specifications and directions of E. I. C.	<b>150.00</b>	<b>Sqm</b>			

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Item No.	Description of item	Qty	Unit	Rate Rs. P	Rate in words	Amount Rs. P
14	Cleaning of liquid mud, loose soil/grass/drain loose muck/ waste rock/ sand / aggregate / silt/ slush, garbage etc from existing open/covered drains, dustbin and or dumped stones mulba placed including disposal of same within a lead of 3 KM including cost of labour complete as per instruction of E. I. C including loading unloading and transporting of the same The tractor will be provided by company on free cost.	500.00	CUM			
15	Demolishing of cement concrete including disposal of rubbish lead upto 50 Mtr including cost of labour charges at all elevations as per directions of E. I. C RSS 1:2:4 or richer mix/B. work/RCC	10.00	CUM			
16	Random rubble masonry with waste rock in foundation and plinth including leveling up with cement concrete 1:2:4 (1 cement :2 coarse sand : 4 graded stone aggregate 20mm nominal size) including providing weep holes and joints upto a lift of 1.5 mtr above ground level with cement mortar 1 : 6 (1 cement : 6 coarse sand) including cost of all labour complete as per drawings, specifications and directions of E. I. C but excluding cost of waste rock, cement and sand. (Waste rock will be issued free of cost from <b>TMD</b> waste rock dump yard (s) but collection of required size of boulder including loading and unloading will be done by contractor at their own cost.) Tractor will be provided by company on free of cost.	250.00	CUM			

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Item No.	Description of item	Qty	Unit	Rate Rs. P	Rate in words	Amount Rs. P
17	Labour charges for fittings, fixing in position true to line and level with corrugated asbestos sheets or CGI sheets in roof, side cladding, gables etc at various elevation including cutting, trimming corners, hoisting and fixing with 8mm dia galvanized steel 'L' or 'J' hooks, bolts, seam bolts, limpet washers, bitumen washers and nuts etc. as per drawings, specifications and directions of EIC.	100.00	Sqm			
18	Dismantling GI pipes (external work) including excavation upto 600 mm deep and refilling trenches after taking out the pipes, including stacking of pipes within 50 mtr lead.40 mm dia to 100 mm dia	400.00	RM			
19	Dismantling old plaster or skirting raking out joints and cleaning the surface of plaster including disposal of rubbish to the dumping yard within 50 mtr lead.	94.00	Sqm			



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Item No.	Description of item	Qty	Unit	Rate Rs. P	Rate in words	Amount Rs. P
20	Spreading 6mm thick moorum/aggregate, watering and rolling with hand roller complete including preparation of the surface and rolling.	<b>700.00</b>	<b>Sqm</b>			
21	Labour charges for applying tack coat with hot straight run bitumen 80/100 grade and including heating the bitumen, with manually operated spray including cleaning and preparing the surface and consolidation with roller as per directions of EIC excluding cost of bitumen complete.	<b>100.00</b>	<b>Sqm</b>			
22	Labour rate for miscellaneous structural steel work and fabrication work with pipes and other structural steel including cost of labour excluding cost of all consumable, structural steel as per drawings, specifications and directions of EIC.	<b>5500.00</b>	<b>Kg</b>			
23	Labour rate for Brick flat flooring with bricks of class designation 75 including cement slurry etc complete in cement mortar 1:6 (1 cement : 6 coarse sand) with FPS bricks including cost of all labour as per drawings, specifications and as per directions of EIC.	<b>150.00</b>	<b>Sqm</b>			

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Item No.	Description of item	Qty	Unit	Rate Rs. P	Rate in words	Amount Rs. P
24	Labour rate for fixing of Orissa Pattern W. C Pan/E.W.C Pan of any/Wash basin/Low down cistern required size including dismantling of old W. C Pan and floor including making good the damaged walls/floor to original conditions, connecting to existing line as required complete in all respects with cement, spun yarn/lead joints including cost of all labour as per direction of E.I.C.	<b>2.00</b>	<b>Each</b>			
25	Labour rate for collection, loading, unloading different scrap materials such as angles, M.S sheets/plates, rods, G.I sheets, G. I pipes, M. S pipes, gratings, jali, fabricated structural steel items, ropes and any kind of cables, wire, nuts, bolts, wooden planks, ply, trays/wood bags/Reinforcement steel/St. steel etc. from UCIL plant area including weighing the same at weigh bridge, unloading at store, stacking suitably different materials at different open filled area including cleaning and washing the truck as per direction of EIC.	<b>105.00</b>	<b>MT</b>			
26	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	<b>150.00</b>	<b>CUM</b>			

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Item No.	Description of item	Qty	Unit	Rate Rs. P	Rate in words	Amount Rs. P
27	Disposal of excavated earth/waste rock/manure/vegetation/wood logs (Tractor Area volume is payable) including loading, unloading, leveling and dressing as per directions of EIC upto a lead of 5 KM	<b>600.00</b>	<b>CUM</b>			
28	Dry stone pitching with pitching with 150 mm thick laying to camber or in slope of embankment including preparing surface with necessary cement-sand slurry (1:6) packing and labour complete (Waste rock boulders of required size to be collected from waste rock dump area within a lead of 2 KM) as per directions of EIC but excluding the cost of cement & sand.	<b>50.00</b>	<b>Sqm</b>			
29	Labour charges for dismantling and repair of components of W. C/EWC pan, Urinal, wash basin and kitchen sinks etc., fixing and re-fixing the following sanitary plumbing works including making good the wall/floor surfaces as per directions of EIC	<b>100.00</b>	<b>Point (Each)</b>			
30	Labour charges for lying water proofing treatment four course with bitumen course with 6mm p. sized gravel including preparation of surface but excluding grading work and as per EIC.	<b>300.00</b>	<b>Sqm</b>			

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Item No.	Description of item	Qty	Unit	Rate Rs. P	Rate in words	Amount Rs. P
31	Labour charges for Fixing of glazed tiles in floor, wall skirting risers in cement mortar (1:3) with white cement and matching pigment and including tiles cutting machine to be brought by the contractors.	<b>10.00</b>	<b>Sqm</b>			
32	Labour rate for taking delivery of G. I pipe transport and laying including jointing, bend, Tee, Flange, socket, Tee with Gasket joint etc complete with all fittings works and as per direction of EIC, but excluding cost of G. I pipe. 100 mm dia	<b>100.00</b>	<b>RM</b>			
33	Labour rate for taking delivery of G. I pipe transport and laying including jointing, bend, Tee, Flange, socket, Tee with Gasket joint etc complete with all fittings works and as per direction of EIC, but excluding cost of G. I pipe. 50mm dia	<b>100.00</b>	<b>RM</b>			
34	For items not covered under above schedule of quantities mentioned Sl. No. 1 to 14 covered under CPWD DSR-2007, quoted	<b>% above / below of DSR'07</b>				

	Total	
	Rebate if any in words (_____)	%
	<b>Grand Total</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