

**Schedule of quantities for : Construction of Shed for active scrap yard at Turamdih Mill, NIT No. TMD / 616**

Item No.	Description of Item	Unit	Quantity	Rates in Figure in Rs	Rates in words in Rupees	Amount Rs. P.
1	2	3	4	5	6	7
1	Earth work in excavation in the following types of soils up to any depth , for all lifts, including bailing/pumping out any water accumulating inside the excavation ,adequete protection during excavation, drilling, blasting and tranporting the excavated spoil/material after stripping of top soil as per specification to the designated area/places,stacking of usable and disposal of excess of unusable material all complete as per drawing, specification and direction of Engineer for any lead within acquired area for lead of 200M.					
	Ordinary, hard and dense soil	cum	100			
2	Transportation / Disposal of the soil by mechanical transport including loading, unloading and stacking at site for lead up to 5 KM and all lift complete in the stipulated manner as per specification and/or direction of Engineer .	cum	100			
3	Earth work in back filling with available earth including watering and compaction at all elevation around foundations, tunnels, manholes, pits, culverts, trenches, road approaches and in plinth filling & berm filling as per specifications and drawings and as directed by the Engineer with selected soils obtained from stacks for any lead within acquired plant area ( filling shall be done in layers not exceeding 250mm in loose thickness. and watered & compacted as necessary.	cum	80			

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1	2	3	4	5	6	7
4	Supply, mix, place in position compact & cure cement concrete in nominal mix with 20 mm & down aggregates below foundations, wells, walls, trenches, pits, slabs etc.and in basin linig, mass concrete filling as per specifications, drawings and direction of the Engineer excluding cost of cement only .PCC 1:3:6 ( 1cement : 3Coarse sand :6 stone aggregate)	cum	15			
5	Supply, mix, place in position at various elevations compact & cure including testing of concrete specimens( Cast in situ/ Pre-cast), finishing surfaces as per specifications, drawings and direction of the Engineer of the following grades of concrete with 20 mm & down graded stone aggregate including cost of all materials but excluding cost of cement , re-inforcement & shuttering.	cum	90			
	M-20 above or below ground floor level					
6	Supplying, bend, bind, and place the following types of reinforcement in all types of reinforced concrete work at all elevations including cleaning , straightening, cutting, bending and binding with 18 SWG annealed wire or with welding such as tack , lap, butt etc.with approved electrodes, providing concrete cover blocks, pins, chairs, nails, supports of reinforcement etc. with all materials and labour complete as per, drawings, specifications and direction of Engineer excluding cost of re-inforcement.  cold twisted bar	kg	6500			

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1	2	3	4	5	6	7
7	Supplying, installing, dismantling and removing the following classes of form work of approved quality including splay , recess, corners, haunch etc., scaffolding and necessary rendering of concrete surfaces after exposure ( at all elevation ) including cost of all materials and labour.	sqm	260			
8	15 mm thick (minimum) plastering with 1:4 (1cement: 4 fine sand) to interior faces of walls, channels in roof and other structures at various elevations including mixing laying, finishing, curing and necessary scaffolding work complete as per drawings, specifications and instructions of the Engineer with all materials and labours.	sqm	120			
9	Taking delivery from owner store or departmental yard and Fabrication of structural steel as per drawing , design and erection of the same to ture to line and level all complete as per direction of Engineer in charge( Only structural steel will be supplied free of charge).	kg	10000			
10	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m:	sqm	100			
11	Supplying and filling sand in plinth including watering, ramming consolidating and dressing complete.	cum	2			

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1	2	3	4	5	6	7
12	Supplying and applying water proofing cement paint 02 or more coat over a coat of primer all complete as per manufacture specification and direction of Engineer in charge.	sqm	120			
13	Grouting with free flow cementious material.e Anchor NSG all complete including cost of all materials and labours.	cum	0.25			
14	Making pocket of size up to 150mm x150mm and depth up to 1.00 Mtr all complete as per direction of EIC including cost of all materials and labours	Each	48			
15	Supplying and fixing nut and bolt of required dia all complete as per specification and direction of EIC including cost of all materials and labours.	Kg	300			
16	Dismantling RCC including cutting of reinforcement and disposal of rubbish up to 50 mtrs lead.	cum	2			
17	Providing & fixing of Zinc and alloy colour coated of Tata blue scope steel Ltd or pre-painted galvaniozed steel tile roof sheet of prester infrastructure Ltd. Kolkata on roof at any height including scaffolding, fixing with necessary as per specification of manufacturer all complete as per instruction of E.I.C excluding the cost of purling/ridge	sqm	230			
18	Providing & fixing of Zinc and alloy colour coated of Tata blue scope steel Ltd or pre-painted galvaniozed steel ridge of prester infrastructure Ltd. Kolkata on roof at any height including scaffolding, fixing with necessary as per specification	RM	15			

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1	2	3	4	5	6	7
19	Providing and fixing 38 mm thick acid and/ or alkali resistant tiles of appoved make and colour using acid and / or alkali mortar bedding, in flooring/ dado/ skirting on 12 mm thick mortar 1:4 (1 Acid proof cement : 4 coarse sand ) and joints fill with acid and/ or alkali resistant cement as per IS : 4457, including painting with acid and/ or alkali resistant paint, complete as per direction of Engineer - in- charge.	sqm	150			
20	Providing & applying floor hardner i.e Sikachapdur over RCC @ 5Kg/sqm smooth finish curing complete as per specification and direction of EIC including cost of all material and labour but excluding cost of cement	sqm	170			
				TOTAL QUOTED VALUE		
Over all rebate, if any -----( in words and figures)						
Net quoted value						
Note : 1) All the rates must be written in figures and words clearly without which tenders are likely to be rejected						
2) All the pages of tender document including price part must be duly signed by the tenderer along with their seal, without which tenders may likely to be rejected.						