

Scope of Work, BOQ & Price Bid Format for Construction of Coal Settling Pit at Manoharpur Yard

Bill of Quantities & Price Bid Format

SI	Item Description	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
1	Earth work excavation in all kinds of soil by mechanical means loading into and transportation by mechanical means and unloading the soil within 2 KM leads and 2.0 mtrs lifts on properly prepared and scientifically approved surface including spreading and levelling the earth in 22.5cm layers including watering and compaction with sheep foot roller and dozer in embankment for all heights including construction, maintenance, watering and lighting of haul road and borrow areas etc. complete including royalty as per the direction of Engineer -in- Charge.	Cum	1485.00		
2	Back filling from the excavated soil with compaction 90% at OMC condition in foundation and plinth including spreading and levelling the earth in 22.5cm layers including watering and compaction etc. complete as per the direction of Engineer -in- Charge.	Cum	410.03		
3	Fine dressing of earth work in ordinary or hard soil including cutting or filling earth upto 0.15m depth of surface complete as per the direction of the Engineer- in- Charge.	Sqm	1172.60		
4	Cement concrete (1:3:6) using 40-10mm size hard granite chips including cost of material, conveyence, labour, T&P, royalty etc complete in all respect as per direction of Engineer- in- Charge (Cement 43 Grade ACC/BIRLA GOLD/ ULTRATECH/ AMBUJA of PPC or OPC)	Cum	91.00		
5	RCC work of M20 grade with 20mm and down grade hard granite chips including hoisting and laying including cost of material, conveyence, labour, T&P, royalty etc complete in all respect as per direction of Engineer- in- Charge (Cement 53 Grade ACC/BIRLA GOLD/ ULTRATECH/ AMBUJA)	Cum	209.70		
6	Providing and fixing strong, rigid, smooth, levelled, and plumbed CENTERING AND SHUTTERING (Form work) including dismantling the same after the required intervals from the date of casting for column, beam, slab etc. including cost of all materials, labour, conveyance, loading and unloading, royalties, scaffolding, sundries, tools and plants, etc., complete as per the direction of the Engineer-in-Charge	Sqm	220.08		
7	Providing, supplying, lifting, shifting, cutting, bending, fabricating, fixing in position of reinforcement HYSD bar (Fe500) with 18 gauge anealed binding wire including cost of material, conveyence, shifting, lifting, placing, binding, labour, T&P etc complete as per the direction of the Engineer -in- Charge (TMT - SAIL/TATA/JINDAL)	Qntl	106.13		
8	Providing and making of fly ash brick masonry in cement mortar (1:6) in superstructure including cost of material, conveyence, labour, T&P etc complete in all respect as per direction of Engineer in Charge (Cement 53 Grade ACC/BIRLA GOLD/ ULTRATECH/AMBUJA)	Cum	188.93		
9	Providing 12mm thick cement plaster with C.M. (1:4) over brick work including cost of material, conveyence, labour, T&P, royalty etc complete in all respect as per direction of Engineer -in- Charge (Cement 53 Grade ACC/BIRLA GOLD/ ULTRATECH/AMBUJA)	Sqm	627.83		
10	Supplying, Manufacturing & Fixing Embedded parts (MS gate) in concrete including anchoring and Placing in specified positions including supply of all materials, cutting, welding, conveyence, Labour, T&P etc. for manufacturing embedded parts as per drawing and fixing in position in proper alignment by welding rigidly to reinforcement as directed by Engineer-in-Charge. (Steel - SAIL/TATA/JINDAL)	Qntl	0.59		
11	Supply and laying 600NB non-pressure NP4 class Laying (to level or slopes) conforming to IS 458-2003 and jointing with cement mortar 1:2 (1 cement : 2 fine sand) including testing of joints etc. of concrete pipes Class NP-4, reinforced heavy duty non-pressure pipes conforming to IS: 458 -2003 with socket and spigot ends of the following internal diameter as per specification complete including cost of materials, loading, un-loading, transporting, conveyance, placing in position etc. all complete as per drawing & direction of the Engineer-in-Charge.	RMT	10.00		
12	Supplying, manufacturing, fitting and fixing of 32 NB medium class GI pipes conforming to IS 1239 and Galvanised to 450 g/Sqm confirming to IS 4736 both for hand railing 2 row @ 0.5 mtr. C/C and Balustrade @ 1.0 mtr. C/C in coal settling pit case as per approved design and specification, buffing, polishing etc with cost of material, consumables, conveyance, labour, T&P, cutting, bending, welding, grinding, buffing, consumables etc. required for the complete in all respect as per the direction of the Engineer- in- Charge.	RMT	145.20		
TOTAL VALUE IN INR (EXCLUDING GST)					
GST EXTRA AT ACTUALS					