

**BOQ****Name of Work: Construction of Protection Wall to prevent erosion of Soil near GMCH bay at the 132kV Swichyard of Kahilipara GSS.****Name & Address of Bidder:**

Sl. No.	Item Descriptions	Qty	Unit	Rate(Rs)	Amount(Rs)
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in charge. All kinds of soil	33.83	Cum		
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from Mnatural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	3.05	Cum		
3	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand)	71.78	Cum		
4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:4 (1 cement : 4 coarse sand)	0.53	Cum		
5	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.. (i) TATA/ SAIL	80.61	Kg		
6	Centering and shuttering including strutting, propping etc. and removal of form for... Foundations, footings, bases of columns, etc. for mass concrete	12.06	Sqm		
7	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources) (a) M20 grade concrete or Prop. 1:1.5:3	1.15	Cum		
8	12 mm cement plaster finished with a floating coat of neat cement of mix : 1:4 (1 cement: 4 fine sand)	13.55	Sqm		
9	Supplying fitting and fixing Pipes with all necessary fittings in exposed or in trenches including trenching and refilling the same etc complete as directed. B) uPVC pipe with uPVC fittings ( Using uPVC high pressure pipe) (Using SUPREME/ PRINCE/ SFMC/ FUSION brand pipe)	66.00	Rm		

10	Unskilled Labour for Head Loading of Construction Materials (Boulder for RRM, Aggregates, Reinforcements, Bricks, Cements, Planks for shuttering work etc.) from materials stacking point to the Construction Site (as the Construction site is inside Switch-yard area). Unskilled Labour	150	Man-days		
Total =					
Adding GST @ 18% =					
Grand Total=					
Say=					