

## **SCHEDULE-B**

**Name of work:- "Providing RCC cable trench for electric cables inside cargo jetty area"**

I no	Description	Quantity	Rate	Unit	Amount
1	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains, including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
a)	All kinds of soil / GSB filled area / Bituminous surface	18343.00		m3	
2	Demolishing C C / R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in-charge. (steel bars to be deposited in main store)	2704.00		m3	
3	Drilling of horizontal bore holes for crossing under the roads / railway line / RCC concreted road in all streta in any type of soil / road crust material / GSB / WMM with required length. This including of fixing of HDPE pipe of 150 mm dia in bored hole with pushing method, complete with all labours, cost of horizontal boring, cost of HDPE pipe & fitting, cost of excavation or demolition of concrete on both side, making ground in original position etc complete as directed by Engineer-in-charge.	5000.00		mtr	
4	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	2529.08		m3	
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
a	1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	2529.08		m3	
b	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	1389.60		m3	
6	Providing and laying in position machine batched and machine mixed design mix M-30 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering,shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge				
(i)	RAFT including Shuttering	2959.90		m3	
(ii)	RCC WALL including Shuttering	6086.60		m3	

7	Providing, laying and fixing in position upto 1 km lead design mix reinforced cement controlled concrete for RCC Precast slab of design mix M-30 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including <b>pumping / placing</b> of concrete to site of laying including the cost of centering, shuttering, finishing, admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. (Rate is exclusive of cost of reinforcement)	2959.90		m3	
8	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
a	Thermo-Mechanically Treated bars of grade Fe- 500D or more.	1638119.00		kg	
9	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.	5262.00		m3	
a	Extra rate for conveying the excavated stuff by motor - truck				
	a) Lead upto 2.00 BEYOND 1.50 KM	15785.00		m3	
10	Plastering with cement mortar 1 : 4 including racking out joints, scrubbing & cleaning, finishing smooth curing including racking out joints etc. complete for interior plastering upto floor two level.				
a	8 mm cement plaster of mix :				
i	1:4 (1 cement: 4 fine sand)	45021.60		m2	
11	Providing & fixing HDPE pipe in RCC road surface by dismantling the concrete surface upto 250 mm deep and upto 300 mm wide. After fixing HDPE pipe in concreted surface the surface should be concreted with M-40 grade of concrete etc complete including cost of all labour, material as directed by Engineer-in-charge.				
i	110 mm dia HDPE pipe.	1500.00		m3	
ii	150 mm dia HDPE pipe	500.00		m3	
12	Finishing walls with Acrylic Smooth exterior paint of required shade				
a	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	12506.00		m2	
13	Providing and fixing unplasticised 110 mm dia uPVC pipes (Working pressure 6 kg/cm2 to drain out rain water) confirming to relevant IS and as directed by Engineer-in-charge.	2500.80		mtr	

**Total Rs.**

CONTRACTOR

Executive Engineer (H)