

Name of work : Construction of proposed R.U.B. at level crossing near Lajpat Nagar I,
S.H. : C/o Ducts for water supply line of D.J.B. at RUB at level crossing Lajpat Nagar

Sl. No.	Description of Item	Qty.	Unit	Rate	Amount (Rs.)
1.	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50m and lift up to 1.5m, disposed earth to be levelled and neatly dressed.	2153.00			
	a) All kinds of soil.	Cum	Cum		
2.	Extra for every additional lift of 1.5m or part thereof in.	6593.00			
	a) All kinds of soil.	Cum	Cum.		
3.	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering lead upto 50m and lift upto 1.5m.	718.00	cum	Cum	
4.	Disposal of material by mechanical transport including loading and unloading for a lead of 10km complete as per direction of Engineer-in-charge. (a) Earth	1435.00	Cum		
		Cum			

Sl. No.	Description of Item	Qty.	Unit	Rate	Amount (Rs.)
5.	Providing and laying in position cement concrete of specified grade excluding the cost of centering & shuttering. All work upto plinth level. a) 1:4: 8 (1 cement :4 coarse sand: 8 graded stone aggregate 40mm nominal size.	44.00	Cum	Cum.	
6.	Centering and shuttering including strutting, propping etc. and removal of form for. a) Foundations, footings, bases of columns etc. for mass concrete. b) Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc. c) Suspended floors, roofs, landing, balconies and access platform.	56.00 609.00 200.00	Sqm. Sqm. Sqm.	Sqm. Sqm. Sqm.	
7.	Providing and laying in position Ready mixed concrete manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 Kilometre having continues agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C from transit mixer to site of laying, excluding the cost of centering shuttering, finishing and reinforcement including cost of admixtures in recommended proportion as per IS: 9103 to accelerate, retard setting of concrete,				

Sl. No.	Description of Item	Qty.	Unit	Rate	Amount (Rs.)
	improve workability without impairing strength and durability as per direction of the Engineer-in-charge M-25 grade reinforced cement concrete by using 410kg of cement per cum of concrete.	322.00			
	a) All work up to floor v level.	Cum.	Cum		
8.	Add or deduct for providing richer or leaner mixes respectively at all floors levels.				
	a) Providing M-30 grade concrete by using 420kg of cement per cum of concrete instead of M-25 grade B.M.C./R.M.C.	322.00	Cum	Cum.	
	a) Providing M-35 grade concrete by using 428kg of cement per cum of concrete instead of M-25 grade B.M.C./R.M.C.	322.00	Cum	Cum	
9.	Reinforcement for RCC work including straightening, cutting, bending, placing in position and binding all complete.	21500.00	Kgs.	Kgs.	
	a) Thermo mechanically treated bars.				
10.	Providing and painting of the barricading structures as per specifications and direction of Engineering in-charge (item to include all cleaning primers, painting & lettering on the barricading as per approved drawing.	225.00	Sqm.	Sqm.	

Sl. No.	Description of Item	Qty.	Unit	Rate	Amount (Rs.)
11.	Brick work with F.P.S. bricks of class designation 75 in foundation and plinth in a) Cement mortar 1:6 (1 cement : 6 coarse sand)	16.00	Cum		
12.	Providing and fixing in position pre cast RCC man hole cover and frame of required shape and approved quality. a) HD-20 circular shape 560mm internal diameter.			6 No.	Each
13.	Providing orange colour safety foot rest of minimum 6mm thick plastic encapsulated as per IS : 10910 on 12mm dia steel bar confirming to IS :1786 having minimum cross section as 23mm x 25mm and over all minimum length 263 mm & width as 165mm with minimum 112mm space between or protruded legs having 2mm tread on top surface by ribbing or chequering besides necessary & adequate anchoring projections as on tail length on 138mm as per standard drawing & suitable to with stand the bend test and chemical resistance test as per specifications and having manufacture's permanent identification mark to be visible even after fixing, including fixing in manholes with 30x20x15 cm cement concrete block 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size) complete as per design.	60 Nos.	Each		

Sl. No.	Description of Item	Qty.	Unit	Rate	Amount (Rs.)
14.	6mm cement plaster of mix 1:3 (1 cement : 3 fine sand)	870.00	Sqm.		
15.	15mm cement plaster on rough side of single or half brick wall of mix: 1:6 (1 cement : 6 coarse sand)	90.00	Sqm.		
16.	12mm cement plaster of mix 1:6 (1 cement : 6 coarse sand)	53.00	Sqm.		

Material to be issued:-

1. Cement 12.50MT @Rs.4600/-PMT From any DDA store at Delhi/New Delhi.
2. Steel (T.M.T.) 1) 10MMØ 7.25MT @Rs.35,498/-PMT. -do-
ii) 12MMØ 5.90 MT @Rs.35,283/-PMT -do-
iii) 16MMØ 8.35MT @Rs.35,283/-PMT -do-

Total

Checked

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02/02/2008

[Signature]

(ई. ए. के. चोपड़ा)
अध्यापक अभियन्ता
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