

**Name of work: Providing & laying 150mm dia MS Pipe for Fire Fighting line at south side of SLC**

**Schedule of Quantities**

Sl. No.	Description of work	Unit	Qty	Rate	Amount
				<b>in Figures &amp; Words</b>	
1	Cutting of RCC road of 100mm to 150 mm thick with diamond cutting machine and necessary accessories etc; complete all as per specifications.	Sqm	75.00		
2	Demolishing cement concrete 1:3:6 or richer mix including disposal of materials within 50m lead.	Cum	9.00		
3	Earthwork in excavation by mechanical means (hydraulic excavator) / manual means for FOUNDATION TRENCHES in ORDINARY ROCKS (other than hard rocks) either by manual labour or by muffled blasting up to a depth not exceeding 1.50m including stacking or disposing the excavated materials, lead up to 50m and lift up to 1.50m etc., complete all as per specifications and directions of engineer-in-charge.	Cum	81.00		
4	Supplying, fabricating, assembling, hoisting / erecting and fixing in position at all heights and with all leads, structural steel works of welded built-up sections, all as per structural drawings and as per detailed specifications (for materials and workmanship) in the situations described hereinafter including a) cutting of components to required lengths / widths and shapes/profiles, b) smooth machining of edges / faces, c) welding (electric arc welding) at joints of built-up sections/ single sections for required weld lengths and sizes and d) painting all over with two coats of Synthetic enamel paint of approved quality, make and colour/shade over one coat of red oxide zinc chromate primer with surfaces duly prepared to receive painting etc., complete all as directed by the engineer-in-charge.				
4a	Providing and laying M.S pipe C-class of Jindal, or TATA or approved equivalent make... IS: 1239 marked including all accessories such as screwed/welded flanges, tees, reducers etc.Comforming to IS standards complete including , welding, jointing, wrapping and neoprene gasket, nuts, bolts etc , as required.	Rmt	80.00		

Signature of the Contractor

Sl. No.	Description of work	Unit	Qty	Rate	Amount
5	Filling available excavated approved earth (excluding rock) in trenches, sides of foundations, plinth, etc; in layers not exceeding 15cm depth breaking clods, consolidating each deposited layer by ramming, watering and dressing, etc; complete for lead up to 50m and all lifts etc., complete as per specifications.	Cum	81.00		
6	Providing and laying cement concrete using 40mm nominal size graded hard granite stone aggregate obtained from approved quarry including compaction, finishing top surface to level, curing, cost of formwork, etc; complete as per specifications. Mix ratio specified is for cement : coarse river sand : graded stone aggregate. IN FOUNDATION AND PLINTH/SUB-BASE TO FLOORS.				
	PCC 1:4:8	Cum	7.00		
7	Providing and laying in position REINFORCED CEMENT CONCRETE using graded hard granite stone aggregate of 20mm nominal size obtained from approved quarry including mechanical mixing, vibrating, compaction, finishing, curing, etc; complete all as per specifications but excluding the cost of form works and steel reinforcement. (Rate to include labour for keeping embedment if any, wherever required while casting). Mix ratio is specified is for cement : coarse river sand : graded stone aggregate. ALL WORKS UPTO PLINTH LEVEL with				
7a	RCC 1:2:4	Cum	9.00		
8	Construction of valve chamber of size 900X900mm, 1200mm deep comprising of 230mm thick brick walls using first class country brick walls in CM 1:5 over a bed of 200mm thick PCC 1:4:8 concrete with 75mm projections all-round beyond the masonry faces, plastered with CM 1:3, mixed with waterproofing compound as per manufacturer's specifications 12mm thick on internal, external, top surfaces and internal and top exposed surfaces finished smooth with a floating coat of neat cement, providing and fixing painted CI frame and cover of size 600X600mm weighing not less than 75kg with locking arrangements fixing the frame in CC1:2:4 including cost of necessary steel reinforcement, fabricating the necessary steel reinforcement, form work, curing, etc, complete all as specified and directed.	Each	2.00		

Signature of the Contractor

<b>Sl. No.</b>	<b>Description of work</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
9	Removing & re-fixing of existing kerb stone of size (600mm X450mm X 100mm) with cement mortar 1:5 etc.,complete all as per specification and as directed by E-In-C.	Rmt	70.00		
10	Disposal of debris away from the campus at a suitable location approved /not objected by the local authority/owner of the land by mechanical means including loading ,unloading,spreading ect. complete all as per specification and as directed by E-In-C.	Cum	9.00		
11	Steel reinforcement for all RCC items including decoiling, cutting, hooking, bending, cranking, fabricating to required shape, placing in position and tying the system with soft drawn annealed GI binding wire of diameter not less than 1.00mm with 2 strands etc; complete all as per specifications at all heights (binding wire will not be measured for payment).				
11a	Thermo-Mechanically Treated (TMT) bars - Fe415	MT	0.48		
<b>Total Amount Rs.</b>					
<b>Note:-</b> The contractor shall quote his rates in this schedule of quantities. Submission of tender in any tother format is liable for rejection.					

**Total amount in words:-**

**Signature of the contractor:**

**Date:**

**Address:**

**Seal:**

Signature of the Contractor