

SCHEDULE OF QUANTITY

Name of work:- Providing C.A.D. to LIS Binu Tehsil Kandaghat District Solan

Estimated 5,77,335
cost Rs.
Earnest 11,550
money Rs.

(SH:- C/O of RCC outlets and laying & jointing of HDPE pipe of various dia. in distribution system).

Time: Three months

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Excavation in foundation and trenches in all type of soil such as pickwork jumper work Kankar, moorum, shingles including decomposed soft and hard rock etc. upto all heights stacking the excavated earth not more than 3mtrs clear from the edge of excavation and then returning the stacked soil in 15cm layers when required into plinths sides of foundations etc. consolidating each deposited layers by ramming and watering and then disposing of all surplus excavated earth in all leads and lifts & as per directed of the Engineer in-charge.	24.60			P/Cum	
2	Excavation in drains and channels etc. in earth work for pipes upto all depths in all classification of earth work such as pick work, jumper work, saturated soil including balling or pumping out water, blasting soft/hard rock of chiseling soft/hard rock where blasting is prohibited in all lifts including jungle clearance wherever required, trimming and dressing of sides, levelling of bends to correct grade including shoring/strutting, planking, timbering & dewatering wherever required stacking the useable/unuseable material/soil seperately and after laying, jointing & testing of pipes, returning the useable soil in trenches in 15cm layers including consolidating of such deposited layer by ramming and watering and then disposing of all surplus excavated soil/unuseable material as directed with in all leads and lifts including restoration of un-metalled surfaces to its original condition & including cost of diversion for traffic, night signals, fixing caution boards crossing over trenches for access to houses, fencing etc. complete in all respects with in all leads and lifts as per directions of the Engineer-in-charge.	1073.28			P/Cum	
3	Providing and laying cement concrete 1:4:8(1cement:4sand:8graded stone aggregate 40mm nominal size and curing complete excluding cost of centering and shuttering in foundation and plinth including entire carriage of material upto all leads and lifts.	4.05			P/Cum	
4	Providing and laying cement concrete 1:1.5:3(1cement:1.5approved sand:3approved graded stone aggregate 20mm nominal size)and curing complete excluding cost of form work and reinforcement for reinforced concrete work in:-					
a)	Wall (any thickness but not less than 0.1m thickness) attached pillasters,buttresses plinth and string courses etc. from top to foundation level upto floor two level and as per the direction of Engineer-in-charge including entire carriage of material upto all leads and lifts.	9.90			P/Cum	
b)	Foundation and plinth including entire carriage of material upto all leads and lifts.	3.30			P/Cum	
5	Providing tor steel reinforcement for RCC work including bending binding and placing in position complete upto floor two leve including entire carriage of material upto all leads and lifts.	792			P/Kg	

6	Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm so as to give a fair finish including centring,shuttering, strutting and propping etc. with wooden battens and ballies height of propping and centring below supporting floor to ceiling not exceeding 4mtrs and removal of the same for insitu reinforced concrete and plain concrete work in:-		
a)	Vertical surface such as wall of (any thickness) partition and the like including attached pillaster buttresses plinth and string courses and like.including entire carriage of material upto all leads and lifts.	143.10	P/Sqm
7	Laying, jointing & testing in trenches high density polythelene pipe for use for buried water main and services jointing of pipe shall be done by butt welding which shall conform to clause 2.4.21 of BIS-7634 (Part-II) 1975. Each pipe shall be BIS marked (BIS-4984-1995 or latest with upto date amendments) of PE-80 of following nominal dia & pressure rating complete in all respect. (Earth work to be measured and paid separately in all leads and lifts as directed by Engineer-in-charge.		
	75mm outer dia PE-80 PN 6.00	1260	P/Rmt
	90mm outer dia PE-80 PN 6.00	990	P/Rmt
	100mm outer dia PE-80 PN 6.00	930	P/Rmt
			Total:

TERMS AND CONDITIONS:-

- 1 The undersigned reserves the right to accept or reject any or all the tenders without assigning any reason thereof.
- 2 The work will be got executed as per IPH specification.
- 3 Security, GST and other statutory deductions will be made as applicable.
- 4 Nothing will be paid for sub-standard work/material.
- 5 Work shall be started within 15 days after the date of award and completed in stipulated period.
- 6 Stone aggregate/sand shall be used of approved quarry.
- 7 Cement @ 275/-per bag & steel @ 4700/-per qtl. will be issued from the IPH Store Solan.
- 8 Empty cement bags required to be handed over to the department otherwise the recovery @ Rs. 5/-per bag will be made.
- 9 The contractor shall be responsible for all leakage in the jointing of pipes, which shall be set right by the contractor at his own cost.
- 10 HDPE pipes will be issued to the contractor free of cost on proper indent from IPH Store Solan. Further carriage and watch and ward be the responsibility of the contractor. Shortage of HDPE pipe will be recovered on double rate as per store issue rate. Executive Engineer
IPH Division Solan