

**SCHEDULE OF QUANTITY**

**Name of work**:- Providing sewerage system to Solan Town (SH:- Laying & jointing of CI/DI sewer pipe of 150mm and C/O Manhole at various location in zone- B

Estimated Cost Rs:- 1,76,871/-

Earnest Money Rs:- 3,500/-

Time Period:- 3 months

<u>S.No</u>	<u>Description of item</u>	<u>Qty</u>	<u>Rate</u>		<u>Unit</u>	<u>Amount</u>
			<u>In Fig.</u>	<u>In Words</u>		
1	Excavation in foundation and trenches etc. in earth work in all kinds of soil such as pickwork jumper work blasting soft and hard rock and through conglomeraterock upto all leads and lifts stacking the excavated soil 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 as directed by the Engineer in-charge. (Pick Work 50% ,Jumper Work 50%)	454.56			Cum	
2	Laying in trenches centrifugly cast ductile iron (Spun) pressure pipes conforming to IS 8329/1994 class K-7 inside cement mortar lined suitable for tyton (push on joints) for sewer lines including cutting of pipes, chamfering where required (earth work in trenches and jointing of p[ipes to be measured and paid for separately) including carriage upto the site of work, testing etc. complete as per instructions of the Engineer-in-Charge.					
(a)	150mm dia	500			Rmt	
3	P/Laying and fixing in tenches centrifugal cast iron fitting confirming to BSEN 545/9994 Class-A Series K-12 with in side cement mortar lines suitable for tyton (push on ) joints with sewers, such as socketed bends of all degrees, socketed tees, collars and all other required fittings, including carriage upto the site of lwork, testing etc. complete as per instructions of the Engineer-in-Charge (earth work in trenches and jointing of fittings to be measured and paid for separately)					
	150mm dia Double socket DI bends of degree					
a)	22.5 of 150mm dia._	1			Each	
b)	45 -d0-	1			Each	
c)	90 -do-	1			Each	
4	Provding and laying cement concrete 1:4:8 (1 cement:4:sand :8graded stone agg. 40 mm nominal size ) and curing complete excludng the cost of form work in foundation and plinths. including entire carriage of material upto all leads and lifts.	0.52			Cum	
5	2nd class brick work using common burnt clay building bricks in foundation and plinth in cement motar 1:3 (1 cement: 3 sand ) 2nd class bricks. including entire carriage of material upto all leads and lifts.	2.09			Cum	

6	Providing and laying cement concrete 1:2:4: (1 cement:2:sand :4 graded stone agg. 20 mm nominal size ) and curing complete excluding the cost of form work in foundation and plinths. including entire carriage of material upto all leads and lifts.	0.22	Cum
7	15mm cement plaster in single coat on rough size of brick/stone masonry for interior plaster upto floor two level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth with cement mortar 1:3 (1 cement: 3 sand ) including entire carriage of material upto all leads and lifts.	6.6	Sqm
8	Providing fixing of RCC circular main hole cover with frame having internal dia 450mm and cover outer dia 560mm. including entire carriage of material upto all leads and lifts.	3	Nos

**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/PWD specification.
- 3 GST security will be deducted from the contractor bill as applicable.
- 4 Nothing will be paid for sub-standard work/material.
- 5 The work shall be started within 15 days after the date of award and completed in stipulated period.
- 6 The quoted rates should include all taxes and carriage charges etc. and nothing extra will be paid on this
- 7 Useable material found at site while execution will be stacked properly and the same will be the property of the department.
- 8 The Contractor is reasponsibale to watch and ward the matrieal at site of work.
- 9 D.I. pipes will be issued to the contractor free of cost on proper indent at IPH Store Solan. Further carriage and watch and ward will be the
- 10 Cement @ 275/-per bag & steel @ 4700/- per qtl will be issued from the IPH Store Solan.

**Executive Engineer  
IPH Division Solan**