

**SCHEDULE OF QUANTITY**

<b>Name of Work:- Providing LWSS Suresh Pal in Tehsil Suni Distt Shimla (HP)</b>							
<b>Sub Head :- L/J of G.I.pipe of various dia Node No 1 to 3 and making connection &amp;C/O RCC Storage tank 10000 ltrs capacity Node No-3 )</b>					<b>Estimated Cost Rs. 287381 /-</b>		
					<b>Earnest Money Rs 5750/--</b>		
					<b>Time Limit:- 3 Months</b>		
S.No	Description of items.	Quantity.		Rates.		Unit.	Amount.
				In fig.	In Words.		
1	Excavation in foundation trenches etc.in earth work upto all depths in all kinds of soil such as pick work,jumper work,blasting and chiselling soft/hard rocks where blasting is prohibited in all leads and lifts including trimming and dressing of side levelling of bed to correct grade and returning the stacked soil in trenches in 15cm.layers by ramming and watering and then disposing of all surplus excavated soil as directed in all leads and lifts and soring strutting/timbering and dewatering where ever required including restoration of un metalled/metalled paved surfaces to its original conditions including caution boards in all respect and to the entire satisfaction of the Engineer-in-Charge.	259.76	Cum			Per Cubic metre.	
2	Laying ,jointing and testing in trenches GMS tubes(light duty)tube fittings such as bends ,tees,union etc.as per direction and to the entire satisfaction of the engineer-in-charge.(Earth work in trenches to be measured and paid for separately) in all leads and lifts.						
	15 mm dia	180.00	Rmt			Per running metre	
	25mm dia	700.00	Rmt			Per running metre	
	32mm dia	6.00	Rmt			Per running metre	
	50mm dia	12.00	Rmt			Per running metre	
3	P/ F Brass fullway valve with hand wheel of superior quality.						
	15mm dia	6	Nos			each	
	20 mm dia	2.00	Nos			each	
	32mm dia	1.00	Nos			each	
	50mm dia	1.00	Nos			each	
4	Making connection of galvanised steel distribution branches with galvanised mild steel main 15 mm to 40 mm nominal bore by providing & fixing tee including cutting and threading the pipe complete.	8.00	Nos			each	
5	P/ F Brass bib Tap of superior quality ISI mark Heavy Type.						
	15 mm dia	6.00	Nos			each	
6	Providing & Fixing of steel Chamber 600x600x450 mm with locking arrsgments make by 1 mm thick MS Sheet 40x40x5 mm thick Angle welded fitting complete including applying a primering coat of red leas paint with CC 1:2:4 20 mm nominal size..	3.00	Nos			each	

7	Providing and laying cement concrete 1:3:6(1cement:3 sand:6 graded stone agg,20mm nominal size)and curing complete excluding cost of form work in foundation and plinth in all leads and lifts.	1.99	Cum			Per Cubic Metre.	
8	Providing and laying cement concrete 1:11/2 :3 (M 20) ( 1cement: 1 1/2 sand: 3graded stone aggregate 20 mm nominal size ) and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in :-						
i)	Foundation and footings etc. in all leads & lifts.	1.58	Cum			Per Cubic Metre	
ii)	Walls(any thickness but not less than 0.1 mtr thickness) attached pilasters, buttresses, plinth and string courses etc. from top of foundation level up to floor two level in all leads & lifts.	2.78	Cum			Per Cubic Metre	
9	Providing and laying cement concrete 1:2:4(1cement:2 sand:4 graded stone agg,20mm nominal size)and curing complete excluding cost of form work and reinforcement for reinforced concrete workin:-						
i	Suspended floors,roofs,landing and shelves and their support balconies,beams,girders,bressumers,and cantilivers upto floor two level in all leads and lifts.	0.67	Cum.			Per Cubic Metre.	
10	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 in all heights and removal of the same for insitu reinforced concrete and plain concrete workin:-						
i	Flat surfaces such as soffits of suspended floors, roofs landings and the like: floors etc. up to 200 mm in thickness in all leads & lifts.	5.56	Sqm			Per Square Metre	
ii	Vertical surfaces such as walls(any thickness)partitons and the like including attached pillasters,buttresses plinth and string courses and the like in all leads and lifts	39.79	Sqm.			Per Square Metre.	
11	Providing tor steel reinforcement for RCC work including bending,binding and placing in position compete upto floor two level in all leads and lifts.	452.70	kg.			Per Kilogram.	
12	White washing with lime on un-decorated wall surfaces (2 coats) to give and even shade including throughly bromming the surface to remove all dirt, dust mortar, dirt and other foreign matter in all leads & lifts.	43.59	Sqm.			Per Square Metre	
13	Manufacturing MS Manhole Cover 600x450mm with frame of MS Angle 50x50x6mm and cover of black sheet 2.00mm thick complete with angle frames,flates etc. including welding with locking arrangements(Locks)(excluding Cement Concrete).	1	No			Each	
14	Providing in RCC work smooth finishing of the exposed surfaces with cement mortar 1:3 (1 cement : 3 sand)complete in all leads and lifts.	43.59	Sqm.			Per Square Metre	
15	Steel work welded in built up sections, trusses and framed work including cutting, hoisting, fixing in position complete in grating, framed guards & ladders etc. ( V.M 50x50x6mm & H. M 25X25X4MM.)	0.32	Qtl			per Qtl	
(Rs. ) Only						Total:-	

#### TERMS AND CONDITIONS

- 1 Use of vibrator in mendatory for RCC/CC work
- 2 5% payment shall be with held for testing of line & civil structures
- 3 Pipes will be issued to the contractors from IPH Store Suni free of cost by the IPH Department.
- 4 The pipe fitting such as Tee,Bend ,Union etc shall be arranged by the contractor at his own level.
- 5 Cement will be issued to the contractors from IPH Store Suni @ Rs 300- per bag PPC .
- 6 Steel will be issued to the contractors from IPH Store Suni @ Rs 52.00 per/Kg.
- 7 The work will be executed as per PWD/IPH specification and as per the direction of the Engineer-in-Charge.
- 8 The sale tax, Labour cess & Income tax will be deducted from every bill.

Executive Engineer  
Jal Shakti Division Suni  
Distt Shimla H.P.