

SCHEDULE OF QUANTITY						
Name of Work:-Improvement of GWSS Ulli in GP Basantpur Tehsil Sunni Distt Shimla (HP)				Estimated Amount Rs. 140084/-		
(Sub Head :-Laying & Jointing of GI Pipe line). Under SCCP.				Earnest Money Rs 2800/-		
				Time Limit:-3 Months		
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 of its original conditions including caution boards in all respect and to the entire satisfaction of the Engineer-in-Charge.	752	Cum		Per Cubic Mere.	
2	Laying ,jointing and testing in trenches GMS tubes (Light grade) tube fittings such as bends,tees unions 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.					
	20mm dia	1270	Rmt.		Per R/ Metre.	
	25mm dia	1370	Rmt.		Per R/ Metre.	
3	P/ F Brass fullway valve with hand wheel of superior quality. 20 mm dia.	1	No.		each	
	25mm dia	1	No.		each	
4	Making connection of galvanised steel distribution branches with galvanised mild steel main 20 mm to 40 mm nominal bore by providing & fixing tee including cutting and threading the pipe complete.	16	Nos		each	
					Total:-	

**TERMS AND CONDITIONS**

- 1 5% payment shall be with held for testing of line & civil structures
- 2 The work will be executed as per PWD/IPH specification and as per the direction of the Engineer-in-Charge.
- 3 The contractor is fully responsible for watch and ward of material as issued to him
- 4 Pipe will be issued by the Deptt to the contractor from IPH Store Suni free of cost.
- 5 The pipe fitting such as Tee,Bend ,Union etc shall be arranged by the contractor at his own cost.
- 6 The sale tax, Labour cess & Income tax will be deducted from every bill.

Executive Engineer,  
I&PH Division,Suni,  
Distt Shimla H.P.

SCHEDULE OF QUANTITY						
Name of Work:- Improvement of WSS Bhajol ( Bashol ) in GP Kotla Tehsil Sunni Distt Shimla H.P.					Estimated Amount Rs.140170/--	
Sub Head :- Laying & jointing GI Pipe IN Distribution system ) Under SCSP.					Earnest Money Rs 3000/-	
					Time Limit:- 6 Months	
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 watrering 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 metallled/metalled paved surfaces of its original conditions including caution boards in all respect and to the entire satisfaction of the Engineer-in-Charge.	753	Cum			Per Cubic Mere.
2	Laying ,jointing and testing in trenches GMS tubes (Light grade) tube fittings such as bends,tees unions 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 .	1600	Rmtr			/ Rmtr
	20 mm dia .	900	Rmtr			/ Rmtr
3	P/ F Brass full way wheel valve of superior quality. 20 mm dia.	1	No			Each
4	Making connection of galvanised steel distribution branches with galvanised mild steel main 20 mm nominal bore by providing & fixing tee including cutting and threading the pipe complete.	10	Nos			each
					<b>Total:-</b>	

#### 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 The work will be executed as per PWD/IPH specification and as per the direction of the Engineer-in-Charge.
- 4 The contractor is fully responsible for watch and ward of material as issued to him
- 5 The sale tax, Labour cess & Income tax will be deducted from every bill.
- 6 Pipe will be issued by the Deptt to the contractor from IPH Store Suni free of cost.
- 7 The pipe fitting such as Tee,Bend ,Union etc shall be arranged by the contractor at his own cost.

Executive Engineer,  
I&PH Division,Suni,  
Distt Shimla H.P.

SCHEDULE OF QUANTITY						
Name of Work:- Improvement of WSS Khaneor extension from LWSS Gallah Saryah in GP Dharogra Tehsil Sunni Distt Shir					Estimated Amount Rs. 139458/-	
Sub Head :- Laying & jointing GI Pipe of Various dia in distribution system ) Under BASP.					Earnest Money Rs 3000/-	
					Time Limit:-Six Months	
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 of its original conditions including caution boards in all respect and to the entire satisfaction of the Engineer-in-Charge.	750	Cum		Per Cubic Mere.	
2	Laying ,jointing and testing in trenches GMS tubes (Light grade) tube fittings such as bends,tees unions 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.					
	20 mm dia .	2500	Rmtr		/ Rmtr	
3	P/ F Brass full way wheel valve of superior quality.					
	20 mm dia .	2	Nos		Each	
4	Making connection of galvanised steel distribution branches with galvanised mild steel main 20 mm nominal bore by providing & fixing tee including cutting and threading the pipe complete.	8	Nos		each	
					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 The work will be executed as per PWD/IPH specification and as per the direction of the Engineer-in-Charge.
- 4 The contractor is fully responsible for watch and ward of material as issued to him
- 5 The sale tax, Labour cess & Income tax will be deducted from every bill.
- 6 Pipe will be issued by the Deptt to the contractor from IPH Store Suni free of cost.
- 7 The pipe fitting such as Tee,Bend ,Union etc shall be arranged by the contractor at his own cost.

Executive Engineer,  
I&PH Division,Suni,  
Distt Shimla H.P.

SCHEDULE OF QUANTITY						
Name of Work:- Improvement of existing WSS Manad ( Tharu Mand ) Jalog in GP Ogli Tehsil Sunni Distt Shimla (HP)						Estimated Amount Rs. 158030/-
Sub Head :- Laying & jointing GI Pipe of Various dia in distribution system ) Under BASP.						Earnest Money Rs 3200/-
						Time Limit:-Six Months
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 watrering 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 metallted/metalled paved surfaces of its original conditions including caution boards in all respect and to the entire satisfaction of the Engineer-in-Charge.	840	Cum			Per Cubic Mere.
2	Laying ,jointing and testing in trenches GMS tubes (Light grade) tube fittings such as bends,tees unions 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.					
	25 mm dia .	2500	Rmtr			/ Rmtr
3	Making connection of galvanised steel distribution branches with galvanised mild steel main 20 mm nominal bore by providing & fixing tee including cutting and threading the pipe complete.	5	Nos			each
						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 The work will be executed as per PWD/IPH specification and as per the direction of the Engineer-in-Charge.
- 4 The contractor is fully responsible for watch and ward of material as issued to him
- 5 The sale tax, Labour cess & Income tax will be deducted from every bill.
- 6 Pipe will be issued by the Deptt to the contractor from IPH Store Suni free of cost.
- 7 The pipe fitting such as Tee,Bend ,Union etc shall be arranged by the contractor at his own cost.

Executive Engineer,  
I&PH Division,Suni,  
Distt Shimla H.P.

SCHEDULE OF QUANTITY						
Name of Work:-Energization of Hand Pump at Sainj in GP Chanaog Tehsil Sunni Distt. Shimla HP.				Estimated Amount Rs. 164113/-		
(Sub Head :- P/Laying & Jointing of Rising Main & fencing of Bore well/ Pannel BoardSupply & Errection of Submer				Earnest Money Rs 3300/-		
				Time Limit:-3 Months		
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 of its original conditions including caution boards in all respect and to the entire satisfaction of the Engineer-in-Charge.	26.87	Cum		Per Cubic Mere.	
2	Providing and laying in trenches, SEAMLESS pipe tube fitting (earth work in trenches to be measured and paid for separatly) 32 mm dia.	190	Rmt.		Per R/ Metre	
3	Providing and laying cement concrete 1:2:4 ( 1cement:2 sand: 4graded stone aggregate 20 mm nominal size )and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in :- Foundation & plinth.	1.37	Cum		Per Cubic Metre	
4	Providing and fixing stand post of angle iron 50x50x6 mm	9	Rmtr		Per R/ Metre	
5	Providing and fixing 1.8 mtr high barbed wire fencing with angle iron posts 2.50 heigh 50x50x5mm 2.50m C/C with horizontal rows and 2 diagonal rows of barbed wire embedded in CC 1:4:8 (Barbed wire and C.C to be measured and paid for seperately )	10	Rmtr		Per/Rmtr	
6	Providing and fixing 1 No. gate.	35	Kg.		Per/Kg.	
7	Prov. & errection of submersible pump set of reputed and approved make i.e. KSB/ Crompton / Clama / Jyoti . The pump set shall be fixed with free flow impellers of suitable allow as per BIS -8631-1976 with upto date amendmentsfor lifting clear water lubricated bush bearings of suitable alloy and shaft protection sleeves the pump shall be fixed directly coupled to submersible squirrel cage motor com-pump to BIS 9283-1995 with upto date amendments corresponding to pump, fitted with water lubricated bush bearing alloys and shaft protection sleeve arrangement to counter balance the thrust caused due to water column in rising main and having cooling arrangement. The pump set should include the water level guard, cable clips and capable of following performances.	1	No.		Each	
8	Static head = 110 mtrs					

	Discharge = 1.50 LPS						
	Dia of Rising main = 32 mm						
9	Providing & fixing copper cable 6mm 3Core.	150	Rmt.			Per/Rmtr	
10	providing and fixing of starter 3 Phase including pannel Board complete.	1	No.			Each	
						Total:-	

**TERMS AND CONDITIONS**

- 1 The work should be done as per relevant specification and entire satisfaction of Engineer-in-Charge.
- 2 The material shall be supplied / use as per IS specification.
- 3 After repair of Pump / Motor shall give required discharge / statisfaction.
- 4 The work shall be guaranted for a period of one year.
- 5 Nothing shall be paid for rejected work/ material .
- 6 Prices should be FOR site of work.
- 7 The contractor should have give the credit of dismantalled materials or dismantalled more shall be handed over to the Department.
- 8 The sale tax & Income tax will be deducted from every bill & 10% security will be deducted.
- 9 The contractor is fully responsible for watch and ward of material as issued to him
- 10 The contractor shall be a own workshop for the same and having sufficient infrastructure
- 11 5% paying shall be with held for testing of line & civil structures
- 12 The work will be executed as per PWD/IPH specification and as per the direction of the Engineer-in-Charge.
- 13 The contractor is fully responsible for watch and ward of material as issued to him
- 14 Cement will be issued to the contractors from IPH Store Suni @ Rs 260/- per bag PPC .

Executive Engineer  
I&PH Division Suni  
Distt Shimla H.P.

SCHEDULE OF QUANTITY				JOB 5			
Name of Work:- Repair / Improvement of WTP GWSS Sunni Tehsil Sunni Distt Shimla (HP)						Estimated Amount Rs. 998014/-	
(Sub Head :- Providing of CGI roof and steel mesh to WTP)						Earnest Money Rs 20000/-	
S.No	Description of items.	Quantity.		Rates.	Time Limit:	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.	23.53	Cum			Per Cubic metre.	
2	Providing and laying cement concrete 1:2:4 ( 1cement:2 sand: 4graded stone aggregate 20 mm nominal size )and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in :- Foundation & plinth.	23.53	Cum			Per Cubic Metre	
3	Steel work welded in built up sections, trusses and framed work including cutting, hoisting, fixing in position and applying a priming coat of read lead paint in beams joists, channels, angles, tees, flats with connection plates or angle cleats as in main and cross beams hip and jack rafters purlins connected to common rafters and the like for 35 mtrs. length	103.56	Qtl			per Qtl	
4	Prov & fixing Corrugated GI Sheet roofing fixed with galvanised iron Jor L hooks bolts & nuts 8mm diametre with bitumen & GI limpet washers filled with white lead complete excluding the cost of purlins rafters & trusses 0.63 mm thick sheet.	498	Sqm.			Per Square Metre	
5	P/F Wire mesh 25mm x25mm welded to MS Flat 32mm x 5 mm i/c cutting, welding, painting with red oxide paint complete in all respect.	84	Sqm.			Per Square Metre	
						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 Cement will be issued to the contractors from IPH Store Suni @ Rs 240/- per bag PPC .
- 4 Steel will be issued to the contractors from IPH Store Suni @ Rs 52.00 per/Kg.
- 5 The work will be executed as per PWD/IPH specification and as per the direction of the Engineer-in-Charge.
- 6 The contractor is fully responsible for watch and ward of material as issued to him
- 7 The sale tax, Labour cess & Income tax will be deducted from every bill.

Executive Engineer,  
I&PH Division,Suni,  
Distt Shimla H.P.