

SCHEDULE OF QUANTITY

Name of Work:- Sustainability of Tapping New Source of WSS Kanam in GP Kanam Tehsil Pooh, Distt. Kinnaur (HP) (SH: - C/O Intake Chamber, P/L and Jointing GI Pipe/HDPE Pipe 50 mm and C/O Wire Crate wall at Source)		Estimated Cost:-Rs. 1, 51, 189/-only			
		Earnest Money:-Rs. 3, 100/-only			
		Time:- Three Months			
Sr. No.	Description	Qty.	Unit	Rate	Amount
1	Excavation in earth work and disposal of all excavated earth upto a lead of 20 mtrs and left upto 1.50 mtrs disposal earth to be levelled and neatly dressed pick work & jumper work 50% each.	1.35	Cum		
2	Providing & Laying cement concrete 1:4:8 (1 Cement : 4 Sand : 8 graded stone agg. 40 mm Nominal size) and curing complete excluding the cost of form work in foundation and plinth within all leads and lifts and the entire satisfaction of the Engineer-In-Charge.	0.17	Per Cum		
3	Providing form work with steel plates 3.15 mm thick welded with angle iron in frame 30x30x5 mm. so as to give a fair finish including centering, shuttering, strutting and propping etc. with wooden batens and ballies, height of propping and centering below supporting floor to ceiling not exceeding 4 mtrs and removal of the same for insitu-reinforced concrete & plain concrete work in;-	-	-	-	-
3.01	Vertical surfaces such as walls (any thickness) partitions and the like including attached pillars buttresses, plinth and string courses and the like within all leads and lifts.	9.20	Per Sqm		
3.02	Flat surfaces such as soffits of suspended floors, roofs, landings and the like floors etc. upto 200 mm in thickness with in all leads and lifts.	1.44	Per Sqm		
4	Providing & laying cement concrete 1:1.5:3 (1 cement :1.5 sand : 3 graded stone aggregate 20 mm nominal size) & curing complete excluding the cost of form work & reinforcement for reinforced concrete work in	-	-	-	-
4.01	(i) Base floor	0.24	Cum		
4.02	(ii) Vertical wall	0.69	Cum		
5	Laying tor steel reinforcement for RCC work including bending, binding and placing in position complete upto floor two level within all leads and lifts complete.	75.00	Kg		
6	Excavation in foundation, trenches etc in all kind of soil such as pick work, jumper work blasting hard of soft rock chiseling where blasting is prohibited, slushy daldal or saturated soil with in all leads and lifts, stacking the excavated soil not more than 300 mtr and then returning the stacked soil in 15 cm layers, when required in to plinths sides of foundation etc. consolidating earth deposited layer by ramming and watering and then disposing of all surplus excavated earth as directed by the Engineer-In-Charge with in all leads and lifts.	540.00	Per Cum		
7	Laying and jointing in trenches GMS tube medium grade including tube (earth work in trenches to be measured and paid for separately) complete with in all leads and lifts. 50 mm dia	50.00	Rmt		
8	Laying & Jointing trenches working pressure polythene pipe, high density (confirming to IS:4984-1972 complete in respect earth work to be measured and paid separately) - 50 mm OD	1450.00	Rmt		
9	Providing and Fixing GI Union 50 mm dia	25.00	Nos.		
10	Cutting in earth work in all classification of soil and disposal of all excavated earth up to all leads and lift as per direction of Engineer-in-Charge at site pick work and jumper work 50% each.	11.72	Per Cum		
11	Wire crate of GI wire filled with boulder square cut faces against the wire (boulder filling to be measured and paid for separately) SWG-6, 5 mm thick 15x15 cm mesh with in all leads and lifts to the entire satisfaction of Engineer-In-Charge	93.75	Per Sqm		
12	Wire crate of GI wire filled with boulder with square cut faces against the wire (wire crate to be measured and paid for separately) with in all leads and lifts.	23.43	Per Cum		

TERM AND CONDITIONS

- 1 Work shall be carried out in accordance to the HPPWD/IPH specification and to the entire satisfaction of Engineer-in Charge.
- 2 Income Tax, GST, Royalty charges as admissible and other deduction will be recovered as per Govt. norms.
- 3 1% Cess charges under the building and other contractor work (R.E.&C.S.)act,1996.
- 4 In Case of any damage to the private properties i.e. orchards, houses, fields etc. while execution of work, responsibilities will rest with the contractor.
- 5 Nothing shall be paid for the rejected work/substandard works.
- 6 The contractor will be responsible for the removal of defects if any with in a period of six month after the completion of the work at his own cost and risk.
- 7 The rate shall be quoted by the contractor/Firm after site visit.
- 8 Any loss of Govt.material will be recovered at pannel rate from the contractors.
- 9 The cement shall be issued to the contractor @Rs.391/- Per bag at Division Store Pooh including storage Charges.
- 10 G.I. Pipe, HDPE Pipe, GI Wire & Tor Steel will be issued to contractor from IPH Store Pooh at free of cost.

**Executive Engineer,
I&PH Division Pooh,
Distt. Kinnaur (HP).**

SCHEDULE OF QUANTITY					
Name of Work:- R/R Damages to FIS Mayur in GP Kanam, Tehsil Pooh, Distt. Kinnaur (HP) (SH: - C/O PCC R/wall and C/O of CC Lining 1:3:6 at various RS's)			Estimated Cost:-Rs. 1, 29, 241/-only		
			Earnest Money:-Rs. 2, 600/-only		
			Time:- Six Months		
Sr. No.	Description	Qty.	Unit	Rate	Amount
1	Cutting in earth work in all kind of soil such as pick work, jumper work, blasting hard or soft rock chiseling where blasting is prohibited and disposal of excavated earth within all leads and lifts.	13.13	Per Cum		
2	Demolition below GL upto 1.50 meter depth and disposal of unserviceable materials with in 20 meters lead. Un-reinforced cement concrete upto 15 cm thickness.	24.24	Per Cum		
3	Providing form work with steel plates 3.15 mm thick welded with angle iron in frame 30x30x5 mm. so as to give a fair finish including centering, shuttering, strutting and propping etc. with wooden batens and ballies, height of propping and centering below supporting floor to ceiling not exceeding 4 mtrs and removal of the same for insitu-reinforced concrete & plain concrete work in;-	-	-	-	-
	(a) Vertical surfaces such as walls (any thickness) partitions and the like including attached pillasters buttresses, plinth and string courses and the like within all leads and lifts.	50.37	Per Sqm		
4	Providing and laying cement concrete 1:5:10 (1 Cement : 5 Sand : 10 graded stone aggregate 40 mm nominal size) with 15% plum and curing complete excluding cost of form work in retaining walls / Breast walls, the Size of plums shall usually be 150 mm to 300 mm as per HPPWD specification with in all leads and lifts.	21.85	Per Cum		
5	Providing & Laying in 15 cm thick or less for irrigation channel using cement concrete 1:3:6 (1 Cement : 3 Sang : 6 graded stone agg. 20 mm nominal size and curing complete.	-	-	-	-
	(a) Hand Mixed concrete in Bed.	8.08	Per Cum		
	(b) Hand Mixed Concrete in Side Slope.	16.16	Per Cum		
6	Extra allowance for form work in Concrete lining in side slope.	16.16	Per Cum		

TERM AND CONDITIONS

- 1 Work shall be carried out in accordance to the HPPWD/IPH specification and to the entire satisfaction of Engineer-in Charge.
- 2 Income Tax, GST, Royalty charges as admissible and other deduction will be recovered as per Govt. norms.
- 3 1% Cess charges under the building and other contractor work (R.E.&C.S.)act,1996.
- 4 The cement shall be issued to the contractor @Rs.391/- Per bag, Steel @ Rs. 4930/-Per Qtl at Division Store Pooh including storage Charges.
- 5 In Case of any damage to the private properties i.e. orchards, houses, fields etc. while execution of work, responsibilities will rest with the contractor.
- 6 Nothing shall be paid for the rejected work/substandard works.
- 7 The contractor will be responsible for the removal of defects if any with in a period of six month after the completion of the work at his own cost and risk.
- 8 The rate shall be quoted by the contractor/Firm after site visit.
- 9 Any loss of Govt.material will be recovered at pannel rate from the contractors.
- 10 No Cement work shall be done when embient temprature falls below 5 degree Centigrade.

**Executive Engineer,
I&PH Division Pooh,
Distt. Kinnaur (HP).**

SCHEDULE OF QUANTITY

Name of Work:- C/O FIS Rizing Gongma (Upper) In GP Pooh Tehsil Pooh Distt. Kinnaur (H.P.) (SH:- C/O CC Lining, C/O R/Wall at RD 675 to 750 m, 900 to 915 m and C/O Wire crate RD 0 to 25 & RD 30 to 60) Job-III		Estimated Cost:-Rs. 10,92,398/-only			
		Earnest Money:-Rs. 22,000/-only			
		Time:- Six Month			
Sr. No.	Description	Qty.	unit	Rate	Amount
1	Demolition above G.L Up to floor to level i/c disposing of unserviceable material with in 20 mtrs un -reinforcement dismantling of cement concrete up to 15 cm thick.	32.50	Cum		
2	Excavation in drain & channel trenches etc.in earth work up to all depths in all kinds of soil such as pick work,jumperwork,blasting and chiselling soft/hard rocks where blasting is prohibited in all leads and lifts including trimming and dressing of side leveling 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 metaled/un metaled paved surfaces of its original conditions including caution boards in all respect and to the entire satisfaction of the Engineer-in-Charge.	131.78	Cum		
3	Dressing of beds & preparation of sub grade for lining in bed.	262.50	Cum		
4	Dressing of beds & preparation of sub grade for lining in side slope.	228.50	Cum		
5	Providing cement concrete lining 15cm thick or less for Irrigation Channel using cement concrete 1:3:6 (1 Cement:3 sand :6 graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work with in all leads and lifts as per the direction of Engineer-in-charge.				
5.01	concrete lining in bed	23.75	Cum		
5.02	concrete lining in side slope	22.85	Cum		
6	Extra allowances for form work in side slope	22.85	Cum		
7	Providing and laying Cement Concrete 1:6:12 (1cement:6 sand:12 graded stone aggregate 40 mm nominal size) and curing complete excluding the cost of centring and shuttering in foundation and plinth with in all leads and lifts as per direction of Engineer-in-Charge.	15.19	Cum		
8	Providing form work with steel plates 3.15 mm thick welded with angle iron in frame 30x30x5mm .so as to give a fair finish including centering ,shuttering and propping etc.with wooden battens and ballies,height of propping and centering below supporting floor to ceiling not exceeding 4 mtrs. and removal of the same for insitu-reinforced concrete and plain concrete work in:-				
8.01	Vertical surfaces such as walls (any thickness) partitions and the like including attached pillasters,buttersses,plinth and string courses and the like with in all leads and lifts as per the direction of Engineer-in -Charge.	301.15	Sqm		
9	Providing and Laying Cement Conc.1:5:10 (1Cement:5sand: 10 aggregate 20mm nominal size) with 15% Plum and curing complete excluding cost of form work in retaining walls/breast wall the size of plums shall be 150mm to 300mm as per HPPWD specification with in all leads and lifts as per direction of Engineer-in-Charge.	117.62	Cum		
10	Wire crate made of G.I.wire filled with boulders with square cut faces angaist the wire (boulder filling to be measured and paid for saperatly) mesh 15cmx 15cm made of G.I.wire 4mm thickwire/ interlink chain corresponding to SWG-8, with in all leads and lifts as per direction of Engineer-in-Charge.(Labour Rate only)	343.75	Sqm		
11	Wire crate made of G.I.wire filled with boulders with square cut faces against the wire (wire crate to be measured and paid for separately.) with in all leads and lifts as per direction of Engineer-in-Charge.	85.94	Cum		

TERM AND CONDITIONS

- 1 Work shall be carried out in accordance to the HPWD/IPH specification.
- 2 Nothing shall be paid for the rejected work/substandard works.
- 3 GST and other deduction will be recovered as per Govt. norms.
- 4 Any loss of Govt.material will be recovered at pannel rate from the contractors.
- 5 1% Cess charges under the building and other contractor work (R.E.&C.S.)act,1996.
- 6 2%age T.C.S. on royalty and 3%age education cess on T.C.S. will be deducted form each bill.
- 7 The cement shall be issued to the contractor @Rs.379/- per bag, Steel @ Rs. 4900/-per Qtl at Division Store Pooh including storage Charges.
- 8 Interlink chain issued from IPH Store Pooh at store issue rate.

**Executive Engineer,
I&PH Division Pooh,
Distt. Kinnaur (HP).**

SCHEDULE OF QUANTITY					
Name of Work:- Remodelling of WSS Tashigang in Village Tashigang GP Namgia Tehsil Pooh.Distt. Kinnaur (HP).(SH:-C/O RCC Storage Tank 10000 ltr. Cap.,C/O Intake Chamber,L/Joining GI Pipe at various dia,s,Providing barbed wire fencing around the storage tank .)			Estimated Cost:-Rs. 6, 93, 394/-only		
			Earnest Money:-Rs. 1, 4000/-only		
			Time:- Nine Months		
Sr. No.	Description	Qty.	Unit	Rate	Amount
1	Excavation in foundations, trenches etc. in earth work,lift upto 1.50 Metres stacking the excavated soil not more than 3 metres clear from the edge of the excavation and then returning the stacked soil in 15cm layer, when required in to plinths sides of foundation etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth as directed with in a lead of 20 metres with in all leads and lifts	1741.57	Per Cum		
2	Providing and laying Cement Concrete 1:4:8 (1cement:4 sand:8 graded stone aggregate 40 mm nominal size) and curing complete excluding the cost of centring and shuttering in foundation and plinth with in all leads and lifts.	1.39	Per Cum		
3	Providing and laying cement concrete 1:3:6 (1Cement:3Sand:6 Graded stone agg. 20mm Nominal size) excluding cost of centring and shuttering in foundation & plinth with in all lead and lifts.	1.19	Per Cum		
4	Providing and laying cement concrete work 1:2:4 (1cement :2sand:4 graded stone aggregate. 20mm nominal size.) and curing complete excluding cost of form work in :- (a) Suspended floor,roofs,landing shelves and their support balconies, beams,girder,bressumer and cantilever up to floor two level etyc. with in all leads and lifts as per direction of Engineer-in-Charge.	0.81	Per Cum		
5	Providing form work with steel plates 3.15 mm 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 4 mtrs. and removal of the same for insitu-reinforced concrete and plain concrete work in:-(a) Vertical surfaces such as walls (any thickness) partitions and the like including attached pillasters,buttersses,plinth and string courses and the like with in all leads and lifts.	63.55	Per Sqm		
	(b) Flat surface such as soffits of suspended floors,landings and the like floors etc,upto 200mm in thickness with in all leads and lifts.	1.30	Per Sqm		

6	Prov. and laying cement concrete 1:1 1/2 :3 (1cement:1:1 1/2 sand :3 graded stone aggregate 20mm Nominal size) and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in:- (a) Foundation and plinth	1.13	Per Cum		
	(b) wall (any thickness but not less than 0.10mtr thickness.)attached pilasters, buttresses,plinth and string courses etc from top of foundation level up to floor two level with in all leads and lifts.	4.33	Per Cum		
7	Laying Tor steel reinforced for R.C.C. work including bending binding and placing in position complete up to floor two level with in all leads and lifts as per the direction of Engineer-in -Charge.	566.22	Per Kg		
8	Fixing 1.80 metre high fencing with 2.50 metre angle iron posts 300mm girth (minimum) 2.50 metre centre to centre with nine horizontal lines and two diagonals of galvanised steel barbed wire weighting 9.38 Kg/per 100 mtrs.complete to the entire satisfaction of Engineer-in-Charge with in all leads and lifts.	110.8	Per Rmt		
9	Supply and fixing galavanised steel bar-bed wire (IS:278-1962 Type-10 weighing 9.38 Kg per 100 metres(minimum) straining and fixing to any type of standard rails, straining bolts including securing with and provision of galavanised mild steel wire, staples or steel pins etc. as directed (posts and structs of wood concrete, steel etc. and straining bolts shall be paid for separately)	346.98	Per Rmt		
10	Providing and fixing CI Sluice Valve (with hand wheel)as per IS: 780-1984 class-1 upto 300mm dia including brass spindle & as per 2906-1984 class-ii for dia.> 300mm) Complete with bolts nuts, rubber insertion etc.(the tail piece if required shall be measured & paid for separately.) 50mm Dia	4.00	Each		
11	Providing and fixing Cast Iron Manhole cover and frame(medium duty) 500mm internal dia metre total weight of frame and cover is not less than 58kg with in all leads and lifts as per direction of Engineer-in-Charge at site.	1.00	Each		
12	Providing and fixing L-iron gate i/c locking arrangement not less than 70 kg double leaf complete in all respect size (1.35*1.00)mts.	1.00	Each		
13	Providing and laying in trenches galvanised mild steel tubes [L/M] tube fitting.[Earth work in trenches to be measured and paid for seperately.]	-	-	-	-
	50mm	21	Per Rmt		
	40mm	405	Per Rmt		
	32mm	885	Per Rmt		
	25mm	330	Per Rmt		
	20mm	630	Per Rmt		
	15mm	1530	Per Rmt		
14	Fixing of GMS Peet valve with hand wheel complete of following dia.	-	-	-	-
	15mm dia	8.00	Each		
	20mm dia.	4.00	Each		
	25mm dia.	6.00	Each		
	32mm dia.	5.00	Each		
	40mm dia	1.00	Each		

TERM AND CONDITIONS

- 1 Executive Engineer reserves the right to accept or reject any or all tenders without assigning any reason.
- 2 Work shall be carried out in accordance to the HPWD/IPH specification and to the entire satisfaction of Enginee-in Charge.
- 3 Income Tax,GST Royalty charges as admissible and and other deduction will be recovered as per Govt. Norms.
- 4 Any loss of Govt.materials will be recovered at pannel rate from the contractors.
- 5 Wire/ interlink chain will be issued to contractor free of cost at IPH Store Pooh.
- 6 No cement work shall be done when embient temprature falls below 5 degree Centigrate.
- 7 The cement shall be issued to the contractor @Rs.391/- per bag,Steel @ Rs. 4930/-per Qtl at Division Store Pooh including storage Charges.
- 8 The contractor will be responsible for watch & ward of materials at site of work issued to him.

**Executive Engineer,
I&PH Division Pooh,
Distt. Kinnaur (HP).**