

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 765 to 820 m) Job-IV		Estimated Cost:-Rs. 9,50,220.00 /-only			
		Earnest Money:-Rs. 19,000/-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.	11.25	Cum		
2	Excavation in foundation 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.	68.65	Cum		
3	Dressing of beds & preparation of sub grade for lining in bed.	131.25	Cum		
4	Dressing of beds & preparation of sub grade for lining in side slope.	114.25	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.	-	-	-	-
	(i) concrete lining in bed	11.88	Cum		
	(ii) concrete lining in side slope	11.43	Cum		
6	Extra allowances for form work in side slope	11.43	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.	12.38	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:-	-	-	-	-
	(a) Vertical surfaces such as walls (any thickness) partitions and the like including attached pillars,buttersses,plinth and string courses and the like with in all leads and lifts as per the direction of Engineer-in -Charge.	319.06	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	152.83	Cum		
				Total :-	

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.

Executive Engineer,
I&PH Division Pooh,
Distt. Kinnaur (H.P.)

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 540 to 615 m) Job-II		Estimated Cost:-Rs. 9,27,191.00 /-only			
		Earnest Money:-Rs. 19,000/-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.	11.25	Cum		
2	Excavation in foundation 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.	59.27	Cum		
3	Dressing of beds & preparation of sub grade for lining in bed.	131.25	Cum		
4	Dressing of beds & preparation of sub grade for lining in side slope.	114.25	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.				
	(i) concrete lining in bed	11.87	Cum		
	(ii) concrete lining in side slope	11.42	Cum		
6	Extra allowances for form work in side slope	11.42	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.	13.50	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:-				
	(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	356.38	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	145.41	Cum		
				Total :-	

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.

Executive Engineer,
I&PH Division Pooh,
Distt. Kinnaur (H.P.)

SCHEDULE OF QUANTITY

Name of work :- Providing Sewerage system to village Namgia in GP Namgia Tehsil Pooh, Distt. Kinnaur (Survey and Investigation for preparation of detailed project report to provide sewerage system)		Estimated Cost:-Rs. 2,49,350/-only			
		Earnest Money:-Rs. 5, 000/-only			
		Time:- Six Month			
Sr. No.	Description of Item	Qty	Unit	Rate	Amount
1	Providing consultancy survey for population of detailed project report of sewerage scheme to village Ribba and carrying out detail survey with (Total station/ Electronic Theodolite / GPS including layout of sewerage system component wise hydraulic design and study as per CPHEEO manual on sewerage and storage treatment (latest version) estimation and cost analysis tracing plotting and prepration of drawings as Auto CAD at the suitable scale for plan L- Section and X section with approval from competent authority complete as per direction of Engineer-in-charge at site.	1.10	P/Sq. Km		
i)	Collection of necessary field data population floated and related.				
ii)	Plan & contour interval 1.00 m with of natural surface level steel plan and important features.				
iii)	L section of all proposed lines including main tank latest.				
iv)	L section of every 30 mtrs interval with set up 5.0 M on both side of contour line.				
v)	Estimation of sewerage flow in MLD its safe disposal effecting any existing drinking water source.				
				Total	

TERM AND CONDITIONS

- 1 If the infeasibility report submitted , the payment for the rest of for points 2 to 5 of terms of payment will not be made /allowed. Only the payment for infeasibility report will be made.
- 2 The work shall be executed strictly in accordance with CPHEEO manual I& PH , HPPWD , BIS specifications .
- 3 The quantity shall be increased / decreased as per site condition instant tender, covering rural the area.
- 4 Comolete seven copies and soft copy of DPR shall be supplied to the department.
- 5 Nothing shall be paid for rejected work.
- 6 BM/Mean sea level shall be used for survey work.
- 7 Lead chart , Top sheets any NOC & WTP site shall be approved by department.
- 8 GST/ Any deduction will be recovered as per Govt. norms.
- 9 Tender shall be issued to any such contractor having experience in same work.
- 10 Preferance will be given to only those contractor who have having previous experience of similar nature of work.

Terms of payment :-

- 1 On submission of survey plan with prospective layout two copies and detailed feasibility report.
- 2 On submission of DPR in seven copies , soft copy.
- 3 On approval from Chief Engineer office Shimla.
- 4 On approval from Engineer -in- chief office Shimla.
- 5 On approval from funding agencies .

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

SCHEDULE OF QUANTITY

Name of Work:- A/R & M/O of Various WSS Scheme under I&PH Section Spillover (SH:- Providing Barbed Wire fencing around water storage Tanks in Section Spillover under I&PH Sub Division Pooh for 11 Nos. Tanks)		Estimated Cost:-Rs. 5, 47, 659 /-only			
		Earnest Money:-Rs. 11,000 /-only			
		Time:- Three Month			
Sr. No.	Description	Qty.	unit	Rate	Amount
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 metalled/metalled paved surfaces of its original conditions including caution boards in all respect and to the entire satisfaction of the Engineer-in-Charge.	12.65	Cum		
2	Providing and laying cement concrte 1:4:8 (1 Cement : 4 Sand : 8 Graded stone aggregate 40 mm nominal size) excluding the cost of centring & shuttring in foundation & Plinth.	12.32	Cum		
3	P/L cement concrete 1:3:6 (1 Cement : 3 Sand : 6 Graded stone aggregate 40 mm nominal size) & curing complete.	6.82	Cum		
4	Providing from Work steel plate shuttring so as to give an fair finish complete in all respect - Vertical Surface	59.18	Sqm		
5	1.80 m high fencing with 2.50 m M.S. angle iron post of size 40x40x6mm (Min.) 2.50 m cneter to center with 9 Nos. horizontal lines and two diagonals of galvanised steel barbed wire (IS : 278-1961) Type 1) weighing 9.38 Kg. prt 100 mtr. (minimum) strained and fixed to posts with 61 stples including with painting of M.S. angle iron complete.	1108.80	Kg		
6	Providing and fixing L-iron gate i/c locking arrangement not less than 90 kg double leaf complete in all respect (1.80x120) mtrs.	990.00	Kg		
				Total :-	

TERM AND CONDITIONS

- 1 Work shall be carried out in accordance to the HPWD/IPH specification.
- 2 The cement shall be issued to the contractor @Rs.359/- per bag,Steel @ Rs. 4900/-per Qtl at Sub.Division Store Akpa including storage Charges.
- 3 Nothing shall be paid for the rejected work/substandard works.
- 4 GST and other deduction will be recovered as per Govt. norms.
- 5 Any loss of Govt.material will be recovered at pannel rate from the contractors.
- 6 1% Cess charges under the building and other contractor work (R.E.&C.S.)act,1996.
- 7 2%age T.C.S. on royalty and 3%age education cess on T.C.S. will be deducted form each bill.

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

SCHEDULE OF QUANTITY

Name of Work:- C/O WSS Sangthang in GP Ropa tehsil Pooh Distt. Kinnaur (HP) (S.H:- Laying and jointing GI pipe 15 mm dia from RD 0 to 2500 & C/O Intake chamber)		Estimated Cost:-Rs.175410/-only			
		Earnest Money:-Rs.3600/-only			
		Time:- 3 months.			
Sr. No.	Description	Qty.	unit	Rate	Amount
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 metalled/metalled paved surfaces of its original conditions including caution boards in all respect and to <u>the entire satisfaction of the Engineer-in-Charge.</u>	826.79	Cum		
2	Laying & jointing galvanised mild steel tube (medium grade) with fitting (earth work in trenches to be measured & paid for seperately.) as per the direction of <u>Engineer in charge.</u> 15 mm dia	2500.00	Rmtr		
3	P/F Wheel valve of superior quality of following dia. 15 mm dia.	1.00	No		
4	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 <u>shuttering in foundation and plinth with in all leads and lifts.as per the direction of Engineer-in -Charge.</u>	0.24	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 <u>for insitu-reinforced concrete and plain concrete work in:-</u> (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 <u>leads and lifts.</u> (b)Flat surfaces such as soffits of suspended floors,roofs landings and the like floors etc. up to 200mm in thickness.	11.52	Sqmtr		
6	Providing in RCC work smooth finishing of the exposed surface with cement mortar 1:3 (1Cement:3 sand).	6.12	Sqmtr		
7	Providing & laying cement concrete work 1:1.5:3 (1 cement:1.5 Sand: 3 graded crushed 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 0.10 mt. thickness) attached pillasters, buttresses,plinth and string courses etc. from top of foundation level upto floor two level within all leads & lifts as per the direction of Engineer-in-charge at site.	0.97	cum		
8	Providing 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 <u>direction of Engineer-in -Charge..</u>	88.00	Kg		
				Total :-	

TERM AND CONDITIONS

- 1 Work shall be carried out in accordance to the HPWD/IPH specification.
- 2 GI Pipe will be issued to the contractor from IPH Store Pooh free of cost.
- 3 Nothing shall be paid for the rejected work/substandard works.
- 4 GST / any deduction will be recovered as per Govt. norms.
- 5 Any loss of Govt.material will be recovered at pannel rate from the contractors.
- 6 1% Cess charges under the building and other contractor work (R.E.&C.S.)act,1996.
- 7 2%age T.C.S. on royalty and 3%age education cess on T.C.S. will be deducted form each bill.
- 8 The pipe fitting such as Tee,Bend,Union etc shall be arranged by the contractor at his own level.
- 9 The cement and Steel shall be issued to the contractor @Rs.359/- per bag and steel @ 4760/Qt. at Division Store Pooh including storage Charges.

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

SCHEDULE OF QUANTITY

Name of Work:- A/R & M/o WSS Senior Secondary School Kanam in GP Kanam Tehsil Pooh,Distt. Kinnaur (HP).(SH:-C/O Intake Chamber & Distribution System.)		Estimated cost:-Rs. 1,81,877-only			
		Earnest money:- Rs. 4,000/-only			
		Time:-Six Month.			
Sr. No.	Description	Qty.	Unit	Rate	Amount
1	Excavation in foundation trenches etc. in earth work in all classification of soil such as pick work,jumper work saturated soil including balling out of water,blasting soft/hard rock or chiselling, soft/hard rock where blasting is prohibited in all lifts including trimming and dressing of sides levelling of beds to correct grades including shoring,strutting, planking,timbering and dewatering where ever required, stacking the useable/serviceable materials/soil separately and returning the useable soil in trenches in 15cm layer including consoildating of each deposited layer by ramming and watering and then disposing of all surplus excavated soil useable material as directed with in all leads and lifts including restoration of unmentalled surfaces to its original condition and including cost of diversion for traffic night signals,fixing caution boards,crossing over trenches for access to houses fencing etc. complete in all respect with in all leads and lifts as per direction of Engineer-in-Charge at site.	900.43	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.as per the direction of Engineer-in -Charge.	0.14	Per Cum		
3	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 as per the direction of Engineer-in -Charge. 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.	6.80	Per Sqm		
4	Prov. and laying cement concrerte 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 with in all leads and lifts as per the direction of Enginee-in-Charge:- a) Foundation and Plinth (b) wall (any thickness but not less then 0.10mtr thickness.) attached pilasters, buttresses,plinth and string courses etc from top of foundation level up to floor two level . c) Flate surface such as soffits of 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.	0.07	Per Cum		
		0.51	Per Cum		
		0.10	Per Cum		
5	Providing/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.	54.40	Per Kg.		
6	Laying and Jointing Galvanised mild steel tube(Medium Grade) with fitting(earth work to be measured and paid saperatly)as per the direction of Engineer-in -Charge. 20mm dia	2500.00	Per Rmt		
7	Providing and fixing Gate Valve of Superior Quality With all leads and lifts . 20mm Dia	1.00	Each		
	Union	10.00	Each		
	Nipple	10.00	Each		
	Elbows	10.00	Each		
	Tee	5.00	Each		
				Total:-	

TERMS AND CONDITIONS

- Executive Engineer reserves the right to accept or reject any or all tenders without assigning any reason.
- Work shall be carried out in accordance to the HPWD/IPH specification and to the entire satisfaction of Enginee-in Charge.
- Security, Income Tax,Sale Tax and surcharge as applicable under various clauses of form PWD 6 & 8 will be deducted from each running bill of the contractor.
- Any loss of Govt.materials will be recovered at pannel rate from the contractors.
- No cement work shall be done when embient temprature falls below 5 degree Centigrate.
- The cement shall be issued to the contractor @Rs.359/- per bag,Steel @ Rs. 4900/-per Qtl at Sub.Division Store Pooh including storage Charges.
- GI pipe, wire/ interlink chain will be issued to contractor free of cost at IPH Store Pooh.
- 2%age T.C.S. on royalty and 3%age education cess on T.C.S. will be deducted form each bill.
- 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).