

Schedule of Quantity							Job-I	
Name of work:- Resotration of FIS Jhooling -II in GP Thirost Distt. Lahaul Spiti (HP). (SH:- C/o wrie crate work & Laying, jointing & testing of HDPE pipe 90mm dia = 200Rmt).					Estimated cost Rs:-		2,42,573	/-only
					Earnest Money Rs:-		4,900	/-only
					Time:-		Six months	
S.N o.	Description of item	Quantit y	Unit	Rate		Unit	Amount	
				In Fig	In words			
1	Cutting in earth work and disposal of excavated earth in all kind of soil such as pick work, jumper work, blasting work in soft/ hard rock or chiseling wedging, out soft/ hard rock where blasting is prohbibited including all leads and lifts complete as per direction of Engineer-in-charge.	22.50	Cubic metre			Per cubic metre		
2	Excavation in foundation and trenches (For pipes and pits) up to all depths and in all classification of each work such as pick work, jumper work, saturated soil including bailing or pumping out of water, blasting soft or hard rock or chiselling or wedging out of soft/ hard rock, where blasting is prohibited, in all lifts including trimming and dressing of sides, levelling of beds to correct grade including shoring, strutting, planking, timbering and dewatering where ever required. Stacking usable and unusable material/ soil separately and after laying, jointing and testing of pipes, returning the usable soil in 15cm layers by ramming and watering and then disposing of all surplus excavated soil/ unusable material as directed within all leads/ lifts including restoration of unmetalled surfaces to its original condition and including cost of diversion for traffic, night signal boards, 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.	45.00	Cubic metre			Per cubic meter		
3	Wire crate of G.I. wire filled with boulder with square cut faces against the wire (wire crates to be measured and paid separately) in all leads and lifts as per the direction of Engineer-in-Charge.	93.75	Cubic metre			Per cubic metre		
4	Wire crate made of G.I. wire filled with boulder with square cut faces against the wire (Boulder filling to be measured and paid separately) G.I. Wire 5mm thick corresponding to SWG. 6 15cmX 15cm mesh as per the direction of Engineer-in-Charge.	375.00	Square metre			Per square metre		
5	Laying, Jointing & Testing of HDPE pipe of following dia in trenches 10.00Kg PN-6Kgf/cm^2 working pressure PE-63 grade conforming to IS :4984-1998 complete including fitting with in all lead and lift as per direction of Engineer-in-Charge (earth work in trenches to be meausred and paid for separately).							
	HDPE pipe 90 mm OD PN-10 as (IS: 4984-1998) PE-63	200.00	Running metre			Per running metre		
TERMS AND CONDITIONS.						Total:-		
1	The work should be executed as per PWD/ HPIPH specification and to the entire satisfaction of Engineer-in-Charge.							
2	The contractor shall be responsible for watch and ward of material at site of work.							
3	Nothing shall be paid to the contractor for the rejected work.							
4	Security, Income Tax, GST will be deducted from the contractor as per relevant clause.							
5	1% Labour cess will be deducted on gross amount from each bill besides other deductions such as income tax, surcharges							
6	Final payment will be made to contractor after sucessful testing of the work done.							
7	HDPE pipes will be issued by the Department at IPH Divisional Store Gondhla in Distt. L&S free of cost on proper indents &						Executive Engineer,	
8	Only mech. Crushed stone aggregate & approved quarry sand will be used for above work.						IPH Division Keylong.	

							Job-2
Schedule of Quantity					Estimated cost Rs:-	9,84,181	/-only
Name of work:- Providing Flood Protection work to Udgosh (Mhangut) in GP Tingret Distt. Lahaul Spiti (HP). (SH:- C/o wire crate 0 to 75).					Earnest Money Rs:-	19,700	/-only
					Time:-	Six months	
S.N o.	Description of item	Quantit y	Unit	Rate		Unit	Amount
				In Fig	In words		
1	Cutting in earth work and disposal of excavated earth in all kind of soil such as pick work, jumper work, blasting work in soft/ hard rock or chiseling wedging, out soft/ hard rock where blasting is prohbibited including all leads and lifts complete as per direction of Engineer-in-charge.	138.40	Cubic metre			Per cubic metre	
2	Wire crate of G.I. wire filled with boulder with square cut faces against the wire (wire crates to be measured and paid separately) in all leads and lifts as per the direction of Engineer-in-Charge.	585.95	Cubic metre			Per cubic metre	
3	Wire crate made of G.I. wire filled with boulder with square cut faces against the wire (Boulder filling to be measured and paid separately) G.I. Wire 5mm thick corresponding to SWG. 6 15cmX 15cm mesh as per the direction of Engineer-in-Charge. (Labour Rate)	2437.50	Square metre			Per square metre	
TERMS AND CONDITIONS.						Total:-	
1	The work should be executed as per PWD/ HPIPH specification and to the entire satisfaction of Engineer-in-Charge.						
2	The contractor shall be responsible for watch and ward of material at site of work.						
3	Nothing shall be paid to the contractor for the rejected work.						
4	Security, Income Tax, Sale Tax will be deducted from the contractor as per relevant clause.						
5	1% Labour cess will be deducted on gross amount from each bill besides other deductions such as income tax, surcharges						
6	Final payment will be made to contractor after sucessful testing of the work done.				Executive Engineer,		
7	G.I. wire will be issued by the Department at IPH Divisional Store Gondhla free of cost on proper indents & Challan.				IPH Division Keylong.		

								Job-3
Schedule of Quantity						Estimated cost Rs:-	1,75,367	/-only
Name of work:-Restoration of snow damages to FIS Baror in GP Tindi Distt. Lahaul Spiti (HP). (SH:-						Earnest Money Rs:-	3,600	/-only
Protection work with wire crate embankment at RD 1125 to 1140 &C/o RCC channel at RD 1122 to						Time:-	Six months	
S.N o.	Description of item	Quantity	Unit	Rate		Unit	Amount	
				In Fig	In words			
1	Cutting in earth work and disposal of excavated earth in all kind of soil such as pick work, jumper work, blasting work in soft/ hard rock or chiseling wedging, out soft/ hard rock where blasting is prohibited including all leads and lifts complete as per direction of Engineer-in-charge.	18.75	Cubic metre			Per cubic metre		
2	Wire crate of interlink chain filled with boulder with square cut faces against the chain(interlink chanin to be measured and paid separately) in all leads and lifts as per the direction of Engineer-in-Charge.	93.75	Cubic metre			Per cubic metre		
3	Wire crate made of interlink chain filled with boulder with square cut faces against the wire (Boulder filling to be measured and paid separately) interlinked chain 5mm thick corresponding to SWG. 6 (15cmX 15cm) mesh as per the direction of Engineer-in-Charge. (Labour Rate)	412.50	Square metre			Per square metre		
4	Providing and laying cement concrete 1:2:4 (1cement: 2sand: 4graded stone aggregate 20 mm nominal size) and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in:-							
a)	Foundation, footings, bases of columns and the like and mass concrete with in all leads and lifts as per the direction of Engineer-in-Charge.	1.30	Cubic metre			Per cubic metre		
b)	Walls (any thickness but not exceeding 0.1 metre thickness) including attached pilasters, buttresses, plinth and string courses etc. from top of foundation level upto floor two level with in all leads and lifts as per the direction of Engineer-in-Charge.	1.80	Cubic metre			Per cubic metre		
5	Providing tor steel reinforcement for RCC work i/c bending, binding & placing in position complete up to floor two level in all leads and lifts as per direction of Engineer-in charge.	161.20	Kilogram			Per kilogram		
6	Extra allowances for form work in concrete lining on side slopes all leads and lifts complete as per direction of Engineer-in-Charge.	1.80	Cubic metre			Per cubic metre		
TERMS AND CONDITIONS.							Total:-	
1	The work should be executed as per PWD/ HPIPH specification and to the entire satisfaction of Engineer-in-Charge.							
2	The contractor shall be responsible for watch and ward of material at site of work.							
3	Nothing shall be paid to the contractor for the rejected work.							
4	Security, Income Tax, Sale Tax will be deducted from the contractor as per relevant clause.							
5	1% Labour cess will be deducted on gross amount from each bill besides other deductions such as income tax, surcharges							
6	Final payment will be made to contractor after sucessful testing of the work done.							
7	Cement & Steel will be issued by the Department at IPH Divisional Store Gondhla in Distt. L&S @ Rs. 380/-bag, steel @						Executive Engineer,	
8	Only mech. Crushed stone aggregate & approved quarry sand will be used for above work.						IPH Division Keylong.	

								Job-4
Schedule of Quantity						Estimated cost Rs:-	1,25,028	/-only
Name of work:-Lump Sum provision for Old WSS in Lahaul area (providing Water supply Scheme to new habitation Sharna (Udgosh) in GP Tingret Distt. Lahaul Spiti (HP). (SH:- Fixing of MS Tank 270						Earnest Money Rs:-	2,600	/-only
						Time:-	Six months	
S.N o.	Description of item	Quantit y	Unit	Rate		Unit	Amount	
				In Fig	In words			
1	Placing and Fixing of already fabricated mild steel tank having clear capacity of 270 liter in position near source complete in all respects within all leads and lifts as per direction of the Engineer-in-charge.	1	Number			Each		
2	Excavation in foundation and trenches (For pipes and pits) up to all depths and in all classification of each work such as pick work, jumper work, saturated soil including bailing or pumping out of water, blasting soft or hard rock or chiselling or wedging out of soft/ hard rock, where blasting is prohibited, in all lifts including trimming and dressing of sides, levelling of beds to correct grade including shoring, strutting, planking, timbering and dewatering where ever required. Stacking usable and unusable material/ soil separately and after laying, jointing and testing of pipes, returning the usable soil in 15cm layers by ramming and watering and then disposing of all surplus excavated soil/ unusable material as directed within all leads/ lifts including restoration of unmetalled surfaces to its original condition and including cost of diversion for traffic, night signal boards, 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.	338.42	Cubic metre			Per cubic meter		
3	Providing & Laying cement concrete 1:4:8 (1 cement : 4 sand : 8graded stone aggregate 40mm nominal size) and curing complete excluding cost of form work in foundation & plinth within all leads and lifts as per satisfaction and direction of Engineer-in-charge.	0.57	Cubic metre			Per cubic metre		
4	Random rubble masonry /polygonal rubble masonry (Uncoursed/ brought to courses) with hard stone of approved quality in foundation and plinth including levelling up with CC 1 : 6 : 12 (1 cement: 6 sand: 12 graded stone aggregate 20mm nominal size) in C.M. 1: 6 (1cement : 6sand) in Breast walls & retaining walls within all leads and lifts as per satisfaction and direction of Engineer-in-charge.	2.29	Cubic metre			Per cubic metre		
5	Providing & Laying cement concrete 1:2:4 (1 cement : 2 sand : 4graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work in foundation & plinth within all leads and lifts as per satisfaction and direction of Engineer-in-charge.	0.13	Cubic metre			Per cubic metre		
6	20 mm cement plaster in single coat on rough side of brick/ stone masonry for interior plastering upto floor two level including arises, internal rounded angles chamfers and/ or rounded angles not exceeding 80mm in girth and finished even and smooth in CM 1:3 (1cement : 3sand) in all leads and lifts as per the direction of Engineer-in-Charge.	7.66	Square metre			Per square metre		
7	Cement concrete flooring 1:2:4 (1cement :2sand 4graded stone aggregate 20mm nominal size) laid in one layer finished with a floating coat of neat cement 40mm thick with in all leads and lifts as per the direction of Engineer-in-Charge.	2.42	Square metre			Per square metre		

8	Laying, Jointing & Testing of HDPE pipe of following dia in trenches 10.00Kg PN-6Kgf/cm ² working pressure PE-63 grade conforming to IS :4984-1998 complete including fitting with in all lead and lift as per direction of Engineer-in-Charge (earth work in trenches to be measured and paid for separately).					
	(i) HDPE pipe 25mm OD PN-10 as (IS: 4984-1998) PE-63	900.00	Running metre			Per running metre
	(ii)HDPE pipe 20mm OD PN-10 as (IS: 4984-1998) PE-63	200.00	Running metre			Per running metre
TERMS AND CONDITIONS.						Total:-
1	The work should be executed as per PWD/ HPIPH specification and to the entire satisfaction of Engineer-in-Charge.					
2	The contractor shall be responsible for watch and ward of material at site of work.					
3	Nothing shall be paid to the contractor for the rejected work.					
4	Security, Income Tax, Sale Tax will be deducted from the contractor as per relevant clause.					
5	1% Labour cess will be deducted on gross amount from each bill besides other deductions such as income tax, surcharges					
6	Final payment will be made to contractor after successful testing of the work done.					
7	Cement & Steel will be issued by the Department at IPH Divisional Store Gondhla in Distt. L&S @ Rs. 380/-bag, steel @					Executive Engineer,
8	Only mech. Crushed stone aggregate & approved quarry sand will be used for above work.					IPH Division Keylong.

							Job-5
Schedule of Quantity					Estimated cost Rs:-	6,30,079	/-only
Name of work:- R/M of various FIS under IPH Sub-Division Udaipur Distt. Lahaul Spiti (HP). (SH:- C/o Verandha (Covered) wooden panel for two rooms).					Earnest Money Rs:-	12,700	/-only
					Time:-	Six months	
S.N o.	Description of item	Quantity	Unit	Rate		Unit	Amount
				In Fig	In words		
1	Excavation in foundation and and trenches etc. in earth work lift up to 1.5 meters, stacking the excavated soil not more than 3m clear from the edge of the excavation and then returning the stacked soil in 15cm layers when required into plinth sides of foundation etc. then consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth as directed within all leads and lifts as per satisfaction and direction of Engineer-in-charge.	10.81	Cubic metre			Per cubic meter	
2	Providing & Laying cement concrete 1:4:8 (1 cement : 4 sand : 8 graded stone aggregate 40mm nominal size) and curing complete excluding cost of form work in foundation & plinth within all leads and lifts as per satisfaction and direction of Engineer-in-charge.	2.16	Cubic metre			Per cubic metre	
3	Random rubble masonry /polygonal rubble masonry (Uncoursed/ brought to courses) with hard stone of approved quality in foundation and plinth including levelling up with CC 1 : 6 : 12 (1 cement: 6 sand: 12 graded stone aggregate 20mm nominal size) in C.M. 1: 6 (1cement : 6sand) in Breast walls & retaining walls within all leads and lifts as per satisfaction and direction of Engineer-in-charge.	6.33	Cubic metre			Per cubic metre	
4	Brick work using common burnt clay building brick in super structure above plinth level upto floor two level in CM 1:6 (1cement : 6sand) including all leads and lift as per direction of Engineer-in-Charge.(1st class bricks)	6.27	Cubic metre			Per cubic metre	
5	15 mm cement plaster in single coat on rough side of brick/ stone masonry for interior plastering upto floor two level including arises, internal rounded angles chamfers and/ or rounded angles not exceeding 80mm in girth and finished even and smooth in CM 1:6 (1cement : 6 sand) in all leads and lifts as per the direction of Engineer-in-Charge.	113.40	Square metre			Per square metre	
6	Providing form work with steel plates of 3.15 mm thick welded with angle iron in frames 30x30x5 mm so as to give a fair finish including centring , shuttering, strutting & propping etc. with wooden battens and ballies, height of propping and centering below supporting floor to ceiling not exceeding 4 meters and removal of the same for-in-situ reinforced concrete and plain concrete work in foundation, footings, bases of columns and the like and mass concrete with in all leads and lifts as per the direction of Engineer-in-Charge.	47.223	Square metre			Per square metre	
7	Providing and laying cement concrete 1:1.5:3 (1cement: 1.5 sand: 3graded stone aggregate 20 mm nominal size) and curing complete excluding the cost of form work and reinforcement in Lintels,beams, girders bressumers and cantilevers upto floor two level with in all leads and lifts as per direction of Engineer-in-Charge.	3.37	Cubic metre			Per cubic metre	

b).	Suspended floor roofs, landing and shelves and their support balconies, beams, girders, bressumers and cantilevers up to floor two levels with in all leads and lifts as per direction of Engineer-in-Charge.	1.47	Cubic metre			Per cubic metre	
8	Providing tor steel reinforcement for RCC work i/c bending, binding & placing in position complete up to floor two level in all leads and lifts as per direction of Engineer-in charge.	496.00	Kilogram			Per kilogram	
9	Stone/ boulder filling behind the retaining wall also under flooring etc. including within all leads and lifts as per satisfaction and direction of Engineer-in-charge.	6.73	Cubic metre			Per cubic metre	
10	20mm cement concrete topping 1:2:3 (1cement : 2 to 3 stone aggregate of size 4.75mm and below, by volume) laid over and finished monolithic with base concrete with in all leads and lifts as per direction of Engineer-in-Charge.	46.00	Square metre			Per square metre	
11	Providing and fixing panelled shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws with in all leads and lifts as per satisfaction of Engineer-in-Charge. 40mm thick	23.49	Square metre			Per square metre	
12	Providing wood work in frames of door,window , clerestory windows and other frames wrought, framed and fixed in position 1st class deodar wood with in all leads and lifts as per satisfaction of Engineer-in-Charge.	1.41	Cubic metre			Per cubic metre	
13	Providing 40x3mm flat iron hold fast 40mm long including fixing to frame with 10mm daimeter bolts nuts and wooden plugs and embedding in cement concrete block 30x10x15cm 1:3:6 (1cement : 3sand : 6graded stone aggregate 20mm nominal size with in all leads and lifts as per satisfaction of Engineer-in-Charge.	44.00	Number			Each	
14	Providing and fixing M.S sliding door bolts with bolts and nuts screws etc. complete with in all leads and lifts as per satisfaction of Engineer-in-Charge. 250x16mm	4.00	Number			Each	
15	Providing and fixing bright finished brass tower bolts (barrel type) with screws etc. complete with in all leads and lifts as per satisfaction of Engineer-in-Charge. 200x10mm	44.00	Number			Each	
16	Providing and fixing aluminium handles anodized transparent or dyed to required colour and shade with necessary screws etc. complete with in all leads and lifts as per satisfaction of Engineer-in-Charge. 125 mm	22.00	Number			Each	
17	Providing and fixing 100mm bright finished brass floor door stopper with rubber cushion screws etc. complete with in all leads and lifts as per satisfaction of Engineer-in-Charge. 125 mm	8.00	Number			Each	
18	Providing and fixing finishing bright finished or/ and black enamelled iron (Helical door spring complete with in all leads and lifts as per satisfaction of Engineer-in-Charge. 150 mm	4.00	Number			Each	
19	Providing and fixing MS grills or require pattern in wooden frames fo windows etc. with MS flat, square or round bars with round headed botls and nuts complete with in all leads and lifts as per satisfaction of Engineer-in-Charge. Plain Grill.	399.96	Kilogram			Per kilogram	
20	Supplying and fixing glass panes with putty and nails including removal of broken glass panes whenever necessary Plain glass 3mm thick with in all leads and lifts as per direction of Engineer-in-Charge.	19.08	Square metre			Per square metre	
21	Providing and fixing 12mm thick prelaminated (MDF) board/ wooden lining (frame work and cover fillets to be measured and paid for separately) with in all leads and lifts as per direction of Engineer-in-Charge.	120.309	Square metre			Per square metre	

22	Demolition above ground level up to floor two level including disposal of unserviceable with in 20 mtr. (unreinforced cement concrete 15mm thickness) with in all leads and lifts as per the direction of Engineer-in-Charge.	0.945	Cubic metre			per cubic metre	
23	Square rubble masonry coursed with hand stone of approved quality in foundation and plinth in retaining wall/ Breast wall in CM 1:6 (1cement : 6sand) in all leads and lifts as per direction of Engineer-in- charge.	0.90	Cubic metre			Per cubic metre	
TERMS AND CONDITIONS.						Total:-	
1	The work should be executed as per PWD/ HPIPH specification and to the entire satisfaction of Engineer-in-Charge.						
2	The contractor shall be responsible for watch and ward of material at site of work.						
3	Nothing shall be paid to the contractor for the rejected work.						
4	Security, Income Tax, Sale Tax will be deducted from the contractor as per relevant clause.						
5	1% Labour cess will be deducted on gross amount from each bill besides othe deductions such as income tax, surcharges on						
6	Final payment will be made to contractor after sucessful testing of the work done.						
7	Cement & Steel will be issued by the Department at IPH Divisional Store Gondhla in Distt. L&S @ Rs. 380/-bag, steel @					Executive Engineer,	
8	Only mech. Crushed stone aggregate & approved quarry sand will be used for above work.					IPH Division Keylong.	