

							Job No. 1
<b>Schedule of Quantity</b>					<b>Estimated cost Rs:-</b>	<b>987,950</b>	<b>/-only</b>
<b>Name of work:-C/o FIS Rimbut Kishori in GP Triloknath Distt. L&amp;S (HP). (SH:- C/o Head weir, C/o Patra cutting, C/o R/wall = 13m mtr, C/o Breast wall at RD 175 to 185 &amp; RD 525 to 530 Ht.= 1.20 mtr, C/o Edge wall RD 375 to 400, RD 1305 to 1320, RD 1335 to 1345 H= 0.60 mtr, C/o out</b>					<b>Earnest Money Rs:-</b>	<b>19,759</b>	<b>/-only</b>
					<b>Time:-</b>	<b>Two working season</b>	
S.No	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 i/c all leads and lifts complete as per direction of Engineer-in-charge.	753.23	Cubic metre			Per cubic metre	
	Chiselling/ wedging out of rock where blasting is prohibited soft/ hard rock with in all leads and lift as per direction of Engineer-in-Charge	30.00	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.	46.88	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. <b>(Labour Rate)</b>	187.50	Square metre			Per square metre	
4	Excavation in drains and channels etc. in earth work including dressing of sides and beds and disposing of excavated earth upto 20 mtr and lift up 1.5 mtr disposed earth to be levelled and neatly dressed with in all leads and lifts as per direction of Engineer-in-charge.	204.90	Cubic metre			Per cubic metre	
	Chiselling/ wedging out of rock where blasting is prohibited soft/ hard rock with in all leads and lift as per direction of Engineer-in-Charge	6.00	Cubic metre			Per cubic metre	
5	Providing Cement Concrete lining of the 15 cm thick or less for the Irrigation channel using cement concrete 1:3:6 (1 cement : 3 Sand :6 graded stone aggregate ) within all lead and lift as per the direction of Engineer in charge.						
a)	Hand mixed concrete lining in the bed.	40.00	Cubic metre			Per cubic metre	
b)	Hand mixed concrete lining on side slope.	48.00	Cubic metre			Per cubic metre	
6	Extra allowances for form work in concrete linning on side slopes all leads and lifts complete as per direction of Engineer-in-Charge.	48.00	Cubic metre			Per cubic metre	
7	C/O Dry rubble masonry in breast wall and retaining wall revetment walls and parapets etc. with in all leads and lifts as per satisfaction and direction of Engineer-in-charge.	47.44	Cubic metre			Per cubic metre	

8	Providing and laying cement concrete flooring 50mm thick (Topping over R/R masonry 1:2:4 ( 1cement : 2sand :4 graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work in foundation and plinth in all leads and lifts as per satisfaction and direction of Engineer-in-charge.	34.00	Cubic metre			Per cubic metre	
9	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.	7.84	Cubic metre			Per cubic metre	
10	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 topping in E/wall within all leads and lifts as per satisfaction and direction of Engineer-in-charge.	0.38	Cubic metre			Per cubic metre	
11	Providing Mild/TOR steel reinforcement for RCC work i/c bending, binding & placing in position complete up to floor two level (TOR/Mild steel ) in all leads and lifts as per direction of Engineer-in charge.	116.10	Kilogram			Per kilogram	
12	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, 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:-Veritcal surface such as wall ( any thickness) partion and the like including attached pilaster, butresses, plinth and string courses and the like with in all leads and lifts as per the direction of Engineer-in-Charge.	14.58	Square metre			Per square metre	
13	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:-						
(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.	0.25	Cubic metre			Per cubic metre	
(b)	Walls (any thickness but not exceeding 0.1 metre thickness) including attached pilasters, butresses, plinth and string concrete etc. from top of foundation level upto floor two level with in all leads and lifts as per the direction of Engineer-in-Charge.	1.04	Cubic metre			Per cubic metre	
14	Providing & fixing of V-notch of MS Plate 3mm thick	1.00	Number			Each	
15	Providing & Laying cement concrete 1:6:12 ( 1 cement : 6 sand : 12 graded stone aggregate 40mm nominal size) and curing complete excluding cost of form work in topping in E/wall within all leads and lifts as per satisfaction and direction of Engineer-in-charge.	4.13	Cubic metre			Per cubic metre	

16	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.	15.17	Cubic metre			Per cubic metre	
<b>TERMS AND CONDITIONS.</b>						<b>Total:-</b>	
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 othe deductions such as income tax,						
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 No.2
<b>Schedule of Quantity</b>					<b>Estimated cost Rs:-</b>	<b>2,52,109</b>	<b>/-only</b>
<b>Name of work:- A/R &amp; M/O WSS Nagasi in GP Tindi Distt. L&amp;S (HP). (SH:-Fixing of MS Tank 270 Lit., C/o Stand Post = 2 Nos.&amp; laying, jointing, testing &amp; carriage of HDPE pipe 32m mdia = 500 Rmt, 20mm dia =1100Rmt).</b>					<b>Earnest Money Rs:-</b>	<b>5,100</b>	<b>/-only</b>
					<b>Time:-</b>	<b>Six months</b>	
S.No	Description of item	Quantity	Unit	Rate		Unit	Amount
				In Fig	In words		
1	Fixing of M.S. Sheet Storage tank welded around in double layer in each side complete with 40mm nominal bore GI scour pipe with fitting and mosquito proofing coupling of approved municipal design 15mm nominal bore ball valve and mosquito proof cover within all leads and lifts as per satisfaction and direction of Engineer-in-charge.	1.00	Number			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.	600.92	Cubic metre			Per cubic metre	
3	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 topping in E/wall within all leads and lifts as per satisfaction and direction of Engineer-in-charge.	0.57	Cubic metre			Per cubic metre	
4	Providing & Laying cement concrete 1:2:4 ( 1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work in foundation and plinth within all leads and lifts as per satisfaction and direction of Engineer-in-charge.	0.32	Cubic metre			Per cubic metre	
5	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.	1.14	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 cubic metre		
7	Laying, Jointing & Testing of HDPE pipe of following dia in trenches 10.00Kg PN-6Kgf/cm <sup>2</sup> working pressure PE-63 garde 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).							
	<b>HDPE pipe 32 mm OD PN-10 as (IS: 4984-1998) PE-63</b>	500.00	Running metre			Per running metre		
	<b>HDPE pipe 20 mm OD PN-10 as (IS: 4984-1998) PE-63</b>	1100.00	Running metre			Per running metre		
						<b>Total:-</b>		
<b>TERMS AND CONDITIONS.</b>								
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,							
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 No. 3
<b>Schedule of Quantity</b>					<b>Estimated cost Rs:-</b>	<b>2,41,764</b>	<b>/-only</b>
<b>Name of work:- A/R &amp; M/O WSS Chimret in GP Chimret Distt. L&amp;S (HP). (SH:-C/o intake chamber= 1No. C/o Stand Post = 2 Nos., C/o wire crate at head &amp; laying, jointing, testing &amp; carriage of HDPE pipe 32m mdia = 300 Rmt, 20mm dia =500Rmt).</b>					<b>Earnest Money Rs:-</b>	<b>4,850</b>	<b>/-only</b>
					<b>Time:-</b>	<b>Six months</b>	
S.No	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 i/c all leads and lifts complete as per direction of Engineer-in-charge.	12.50	Cubic metre			Per cubic metre	
2	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.	5.72	Cubic metre			Per cubic metre	
3	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 mateial 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.	453.75	Cubic metre			Per cubic metre	
4	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 topping in E/wall within all leads and lifts as per satisfaction and direction of Engineer-in-charge.	1.37	Cubic metre			Per cubic metre	
5	Providing & Laying cement concrete 1:2:4 ( 1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work in foundation and plinth within all leads and lifts as per satisfaction and direction of Engineer-in-charge.	0.61	Cubic metre			Per cubic metre	
6	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.	1.43	Cubic metre			Per cubic metre	

7	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.	9.53	Square metre			Per cubic metre	
8	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 in:-						
a)	Suspended floor roofs, landing and shelves and their support balconies, beams, girders, bressumers and cantilevers up to floor tow levels with in all leads and lifts as per direction of Engineer-in-Charge.	0.26	Cubic metre			Per cubic metre	
9	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, 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:-						
a)	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 as per direction of Engineer-in-Charge.	0.54	Square metre			Per square metre	
10	Providing Mild/TOR steel reinforcement for RCC work i/c bending, binding & placing in position complete up to floor two level (TOR/Mild steel ) in all leads and lifts as per direction of Engineer-in charge.	49.50	Kilogram			Per kilogram	
11	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.	23.43	Cubic metre			Per cubic metre	
12	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. <b>(Labour Rate)</b>	112.50	Square metre			Per square metre	
13	Laying, Jointing & Testing of HDPE pipe of following dia in trenches 10.00Kg PN-6Kgf/cm <sup>2</sup> working pressure PE-63 garde 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).						
	<b>HDPE pipe 50 mm OD PN-10 as (IS: 4984-1998) PE-63</b>	700.00	Running metre			Per running metre	
	<b>HDPE pipe 25 mm OD PN-10 as (IS: 4984-1998) PE-63</b>	400.00	Running metre			Per running metre	
<b>TERMS AND CONDITIONS.</b>						<b>Total:-</b>	

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 I/Tax and sales tax.			
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 @ 4450/- Qtl. and HDPE pipes free of cost on proper indents & Challan.	Executive Engineer, IPH Division Keylong.		
8	Only mech. Crushed stone aggregate & approved quarry sand will be used for above work.			



Schedule of Quantity				Estimated cost Rs:-		1,42,831	/-only
Name of work:- A/R & M/O WSS Khanjar in GP Tingret Distt. L&S (HP). (SH:-Fixing of MS Tank 270 Lit., C/o Stand Post = 3 Nos.& laying, jointing, testing & carriage of HDPE pipe 32m mdia = 300 Rmt, 20mm dia =500Rmt).				Earnest Money Rs:-		2,900	/-only
				Time:-		Six months	
S.No	Description of item	Quantity	Unit	Rate		Unit	Amount
				In Fig	In words		
1	Fixing of M.S. Sheet Storage tank welded around in double layer in each side complete with 40mm nominal bore GI scour pipe with fitting and mosquito proofing coupling of approved municipal design 15mm nominal bore ball valve and mosquito proof cover within all leads and lifts as per satisfaction and direction of Engineer-in-charge.	1.00	Number			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.	301.38	Cubic metre			Per cubic metre	
3	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 topping in E/wall within all leads and lifts as per satisfaction and direction of Engineer-in-charge.	0.86	Cubic metre			Per cubic metre	
4	Providing & Laying cement concrete 1:2:4 ( 1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work in foundation and plinth within all leads and lifts as per satisfaction and direction of Engineer-in-charge.	0.49	Cubic metre			Per cubic metre	
5	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.	1.74	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.	11.49	Square metre			Per cubic metre	

7	Laying, Jointing & Testing of HDPE pipe of following dia in trenches 10.00Kg PN-6Kgf/cm <sup>2</sup> 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).					
	<b>HDPE pipe 32 mm OD PN-10 as (IS: 4984-1998) PE-63</b>	300.00	Running metre			Per running metre
	<b>HDPE pipe 20 mm OD PN-10 as (IS: 4984-1998) PE-63</b>	500.00	Running metre			Per running metre
<b>TERMS AND CONDITIONS.</b>						<b>Total:-</b>
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 on I/Tax and sales tax.					
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 @ 4450/- Qtl. and HDPE pipes free of cost on proper indents & Challan.				Executive Engineer, IPH Division Keylong.	
8	Only mech. Crushed stone aggregate & approved quarry sand will be used for above work.					

							Job No.5	
<b>Draft Schedule of Quantity</b>					<b>Estimated cost Rs:-</b>	<b>1,48,548</b>	<b>/-only</b>	
<b>Name of work:- A/R &amp; M/O WSS Dhahausi in GP Triloknath Distt. L&amp;S (HP). (SH:- laying, jointing, testing &amp; carriage of HDPE pipe 40m mdia = 500 Rmt, 25mm dia =400Rmt).</b>					<b>Earnest Money Rs:-</b>	<b>3,000</b>	<b>/-only</b>	
					<b>Time:-</b>	<b>Six months</b>		
S.No	Description of item	Quantity	Unit	Rate		Unit	Amount	
				In Fig	In words			
1	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 mateial 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.	371.25	Cubic metre			Per cubic metre		
2	Laying, Jointing & Testing of HDPE pipe of following dia in trenches 10.00Kg PN-6Kgf/cm <sup>2</sup> working pressure PE-63 garde 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).							
	<b>HDPE pipe 40 mm OD PN-10 as (IS: 4984-1998) PE-63</b>	500.00	Running metre			Per running metre		
	<b>HDPE pipe 25 mm OD PN-10 as (IS: 4984-1998) PE-63</b>	400.00	Running metre			Per running metre		
<b>TERMS AND CONDITIONS.</b>						<b>Total:-</b>		
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,							
6	Final payment will be made to contractor after sucessful testing of the work done.				Executive Engineer,			
7	HDPE pipe will be issued by the Department at IPH Divisional Store Gondhla in Distt. L&S free of cost on proper				IPH Division Keylong.			

							Job No. 6
<b>Schedule of Quantity</b>					<b>Estimated cost Rs:-</b>	<b>3,88,263</b>	<b>/-only</b>
<b>Name of work:- Repair &amp; maintenacnce of WSS Tokaring Muchling in GP Warpa Distt. L&amp;S (HP). (SH:- Fixing of MS tank, Laying, jointing &amp; testing of HDPE pipe, storage tank and C/O public stand post).</b>					<b>Earnest Money Rs:-</b>	<b>7,800</b>	<b>/-only</b>
					<b>Time:-</b>	<b>Three Month</b>	
S.No	Description of item	Quantity	Unit	Rate		Unit	Amount
				In Fig	In words		
1	Placing and fixing of already fabricated mild steel tank having clare capacity of 270 litre in position near source complete in all respect with in all leads and lifts as per direction of Engineer-in-Charge.	1.00	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 mateial 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.	1128.32	Cubic metre			Per cubic metre	
3	Providing & Laying cement concrete 1:3:6 ( 1 cement : 3 sand : 6 graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work in topping in E/wall within all leads and lifts as per satisfaction and direction of Engineer-in-charge.	1.16	Cubic metre			Per cubic metre	
4	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:-						
(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.	1.05	Cubic metre			Per cubic metre	
(b)	Walls (any thickness but not exceeding 0.1 metre thickness) including attached pilasters, buttresses, plinth and string concrete etc. from top of foundation level upto floor two level with in all leads and lifts as per the direction of Engineer-in-Charge.	3.02	Cubic metre			Per cubic metre	
c)	Suspended floor roofs, landing and shelves and their support balconies, beams, girders, bressumers and cantilevers up to floor tow levels with in all leads and lifts as per direction of Engineer-in-Charge.	0.53	Cubic metre			Per cubic metre	

5	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, 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:- (A) Veritcal surface such as wall ( any thickness) partion and the like including attached pilaster, butresses, plinth and string courses and the like with in all leads and lifts as per the direction of Engineer-in-Charge.	40.79	Square metre			Per square metre	
(B)	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 as per direction of Engineer-in-Charge.	3.61	Square metre			Per square metre	
6	Providing Mild/TOR steel reinforcement for RCC work i/c bending, binding & placing in position complete up to floor two level (TOR/Mild steel ) in all leads and lifts as per direction of Engineer-in charge.	403.40	Kilogram			Per kilogram	
7	Laying, Jointing & Testing of HDPE pipe of following dia in trenches 10.00Kgf/cm <sup>2</sup> working pressure having grade (PE-80) as per IS :4984-1998 complete with in all lead and lift as per direction of Engineer-in-Charge (earth work in trenches to be meausred and paid for separately).						
	<b>HDPE pipe 32 mm OD PN-10 as (IS: 4984-1998) PE-80</b>	2600.00	Running metre			Per running metre	
	<b>HDPE pipe 20 mm OD PN-10 as (IS: 4984-1998) PE-80</b>	900.00	Running metre			Per running metre	
8	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.	0.40	Cubic metre			Per cubic metre	
9	Random rubble masonry /polygonal rubble masonary ( 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.	1.14	Cubic metre			Per cubic metre	
10	Providing & Laying cement concrete 1:2:4 ( 1 cement : 2 sand : 4 graded 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.	0.26	Cubic metre			Per cubic metre	
11	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.	7.48	Square metre			Per cubic metre	
<b>TERMS AND CONDITIONS.</b>						<b>Total:-</b>	

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 othe deductions such as income tax, surcharges on I/Tax and GST.			
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 @ 4450/- Qtl. and HDPE pipes free of cost on proper indents & Challan.	<b>Executive Engineer, IPH Division Keylong.</b>		
8	Only mech. Crushed stone aggregate & approved quarry sand will be used for above work.			

							Job No. 7
<b>Schedule of Quantity</b>					<b>Estimated cost Rs:-</b>	<b>3,54,425</b>	<b>/-only</b>
<b>Name of work:- Restoration of S/D of WSS Tholang in GP Tandri Distt. L&amp;S (HP). (SH:-C/o intake chamber=1 Nos. , C/O storage tank 12,000 lit. capacity &amp; laying, jointing, testing &amp; carriage of HDPE pipe 40mm dia= 950Rmt., 32mm dia= 100Rmt &amp; 25mm dia =700Rmt).</b>					<b>Earnest Money Rs:-</b>	<b>7,100</b>	<b>/-only</b>
					<b>Time:-</b>	<b>Six months</b>	
S.No	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 i/c all leads and lifts complete as per direction of Engineer in charge.	4.50	Cubic metre			Per cubic metre	
2	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.	13.27	Cubic metre			Per cubic metre	
3	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	721.88	Cubic metre			Per cubic metre	
4	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 topping in E/wall within all leads and lifts as per satisfaction and direction of Engineer-in-charge	2.11	Cubic metre			Per cubic metre	
5	Providing & Laying cement concrete 1:3:6 ( 1 cement : 3 sand : 6 graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work in foundation and plinth within all leads and lifts as per satisfaction and direction of Engineer-in-charge.	0.34	Cubic metre			Per cubic metre	
6	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:-						
(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.	2.25	Cubic metre			Per cubic metre	

(b)	Walls (any thickness but not exceeding 0.1 metre thickness) including attached pilasters, buttresses, plinth and string concrete etc. from top of foundation level upto floor two level with in all leads and lifts as per the direction of Engineer-in-Charge.	4.59	Cubic metre			Per cubic metre		
c)	Suspended floor roofs, landing and shelves and their support balconies, beams, girders, bressumers and cantilevers up to floor tow levels with in all leads and lifts as per direction of Engineer-in-Charge.	0.77	Cubic metre			Per cubic metre		
7	Providing Mild/TOR steel reinforcement for RCC work i/c bending, binding & placing in position complete up to floor two level (TOR/Mild steel ) in all leads and lifts as per direction of Engineer-in charge.	805.40	Kilogram			Per kilogram		
8	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, 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:-							
a)	Veritcal surface such as wall ( any thickness) partion and the like including attached pilaster, buttresses, plinth and string courses and the like with in all leads and lifts as per the direction of Engineer-in-Charge.	61.73	Square metre			Per square metre		
b)	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 as per direction of Engineer-in-Charge.	4.99	Square metre			Per square metre		
9	Laying, Jointing & Testing of HDPE pipe of following dia in trenches 10.00Kg PN-6Kgf/cm <sup>2</sup> working pressure PE-63 garde 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).							
	<b>HDPE pipe 40 mm OD PN-10 as (IS: 4984-1998) PE-63</b>	950.00	Running metre			Per running metre		
	<b>HDPE pipe 32 mm OD PN-10 as (IS: 4984-1998) PE-63</b>	100.00	Running metre			Per running metre		
	<b>HDPE pipe 25 mm OD PN-10 as (IS: 4984-1998) PE-63</b>	700.00	Running metre			Per running metre		
<b>TERMS AND CONDITIONS.</b>						<b>Total:-</b>		
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 othe deductions such as income tax, surcharges on I/Tax and GST.							
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 @ 4450/- Qtl. and HDPE pipes free of cost on proper indents & Challan.						Executive Engineer, IPH Division Keylong.	
8	Only mech. Crushed stone aggregate & approved quarry sand will be used for above work.							



Schedule of Quantity							Estimated cost Rs:-	2,00,767/-	/-only
Name of work:- Restoration of WSS Shugto in GP Tingret Distt. L&S (HP). (SH:-Fixing of MS Tank 270 Lit. , C/O storage tank 5000 lit. capacity, C/o Stand Post = 2 Nos.& laying, jointing, testing & carriage of HDPE pipe 20mm dia =700Rmt).							Earnest Money Rs:-	4050/-	/-only
							Time:-	Six months	
S.No	Description of item	Quantity	Unit	Rate		Unit	Amount		
				In Fig	In words				
1	Fixing of M.S. Sheet Storage tank welded around in double layer in each side complete with 40mm nominal bore GI scour pipe with fitting and mosquito proofing coupling of approved municipal design 15mm nominal bore ball valve and mosquito proof cover within all leads and lifts as per satisfaction and direction of Engineer-in-charge	1.00	Number			Per cubic metre			
2	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.	11.59	Cubic metre			Per cubic metre			
3	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	288.75	Cubic metre			Per cubic metre			
4	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 topping in E/wall within all leads and lifts as per satisfaction and direction of	1.39	Cubic metre			Per cubic metre			
5	Providing & Laying cement concrete 1:3:6 ( 1 cement : 3 sand : 6 graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work in foundation and plinth within all leads and lifts as per satisfaction and direction of	0.82	Cubic metre			Per cubic metre			
6	Providing & Laying cement concrete 1:2:4 ( 1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work in foundation and plinth within all leads and lifts as per satisfaction and direction of	0.32	Cubic metre			Per cubic metre			

7	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.	1.14	Cubic metre				Per cubic metre	
8	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	4.66	Square metre				Per cubic metre	
9	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:-							
(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.	0.88	Cubic metre				Per cubic metre	
(b)	Walls (any thickness but not exceeding 0.1 metre thickness) including attached pilasters, buttresses, plinth and string concrete etc. from top of foundation level upto floor two level with in all leads and lifts as per the direction of Engineer-in-Charge	2.00	Cubic metre				Per cubic metre	
10	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 in:-							
a)	Suspended floor roofs, landing and shelves and their support balconies, beams, girders, bressumers and cantilevers up to floor tow levels with in all leads and lifts as per direction of Engineer-in-Charge.	0.31	Cubic metre				Per cubic metre	
11	Providing Mild/TOR steel reinforcement for RCC work i/c bending, binding & placing in position complete up to floor two level (TOR/Mild steel ) in all leads and lifts as per direction of Engineer-in charge.	287.00	Kilogram				Per kilogram	
12	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, 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:-							
a)	Veritcal surface such as wall ( any thickness) partion and the like including attached pilaster, buttresses, plinth and string courses and the like with in all leads and lifts as per the direction of Engineer-in-Charge.	27.36	Square metre				Per square metre	
b)	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 as per direction of Engineer-in-Charge.	2.38	Square metre				Per square metre	
13	Providing and fixing precast concrete man hole cover 560mm dia with frame conforming to IS 12593-part-I 1998 and IS-12592 Part-II 560mm diameter with in all lead and lifts (Medium duty)	1.00	Numbers				Each	

14	Laying , jointing and testing of GI pipe 50mm dia for Scour pipe with in all leads and lifts as per direction of Engineer-in-Charge	16.00	Running metre			Per running metre		
15	Providing and fixing brass sluice valve ( with hand wheel) as per specification with in all lead and lifts (Medium duty)	1.00	Numbers			Each		
16	1.80 metre high fencing with 2.50 metres MS angle iron post with 300mm girth (mimumum) 2.50metre centre to centre with nine horizontal lines and two diagonals of galvanized steel abre bed wire (IS:278-1962 Type-I) weighting 9.38kg/ 100metre (mimumum) strained and fixed to posts with GI staples including coal tarring of including coal tarring of ballies complete cost of post, strut and staining bolts etc. complete within all leads and lifts as per satisfaction and direction of Engineer-in-charge. <b>(Labour Rate)</b>	20.00	Running Metre			Per running metre		
17	Steel work welded in built up sections trusses and framed work including cutting ,hoisting fixing in position and applying a priming coat of red lead paint complete with in all leads and lifts as per direction of Engineer-in-Charge.	21.83	Kigogram			Per kilogram		
18	Laying, Jointing & Testing of HDPE pipe of following dia in trenches 10.00Kg PN-6Kgf/cm <sup>2</sup> working pressure PE-63 garde 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).							
	<b>HDPE pipe 20 mm OD PN-10 as (IS: 4984-1998) PE-63</b>	700.00	Running metre			Per running metre		
<b>TERMS AND CONDITIONS.</b>						<b>Total:-</b>		
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 I/Tax and sales tax.							
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 @ 4450/- Qtl. and HDPE pipes free of cost on proper indents & Challan.						<b>Executive Engineer, IPH Division Keylong.</b>	
8	Only mech. Crushed stone aggregate & approved quarry sand will be used for above work.							

Schedule of Quantity					Estimated cost Rs:-	1,76,646	/-only
Name of work:- A/R & M/O WSS Rubling in GP Tingret Distt. Lahaul Spiti (HP). (SH:- Fixing of MS Tank 270 Lit, c/O Crate work, Laying, jointing & testing of HDPE pipe 25mm dia= 800Rmt & C/o stand post=2 Nos.).					Earnest Money Rs:-	3,550	/-only
					Time:-	Three Month	
S.No	Description of item	Quantity	Unit	Rate		Unit	Amount
				In Fig	In words		
1	Placing and fixing of already fabricated mild steel tank having clare capacity of 270 litre in position near source complete in all respect with in all leads and lifts as per direction of Engineer-in-Charge.	1.00	Number			Each	
2	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 i/c all leads and lifts complete as per direction of Engineer-in-charge.	12.50	Cubic metre			Per cubic metre	
3	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	330.92	Cubic metre			Per cubic metre	
4	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 topping in E/wall within all leads and lifts as per satisfaction and direction of Engineer-in-charge.	0.57	Cubic metre			Per cubic metre	
5	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-	1.14	Cubic metre			Per cubic metre	
6	Providing & Laying cement concrete 1:2:4 ( 1 cement : 2 sand : 4 graded 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.	0.32	Cubic metre			Per cubic metre	
7	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 cubic metre	
8	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.	23.43	Cubic metre			Per cubic metre	
9	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. <b>(Labour Rate)</b>	112.50	Square metre			Per square metre	

10	Laying, Jointing & Testing of HDPE pipe of following dia in trenches 10.00Kgf/cm <sup>2</sup> working pressure having grade (PE-80) as per IS :4984-1998 complete with					
	<b>HDPE pipe 25 mm OD PN-10 as (IS: 4984-1998) PE-80</b>	800.00	Running metre			Per cubic metre
<b>TERMS AND CONDITIONS.</b>						<b>Total:-</b>
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 othe deductions such as income tax, surcharges on I/Tax and GST.					
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 @ 4450/- Otl. and HDPE pipes free of cost on proper indents & Challan.					Executive Engineer,
8	Only mech. Crushed stone aggregate & approved quarry sand will be used for above work.					IPH Division Keylong.