

" REVISED SCHEDULE OF QUANTITY "

Estimated Cost:- Rs. 281880/-.

Name of work:- (1)

Augmentaton of water supply scheme Darang Dhoran
Ghanetta in Tehsil Palampur Distt. Kangra.

Earnest Money:- Rs. 7000/-.

Time:- Six Months.

(SH)Construction overhead tank of 64800 litre capacity
having 15.00 metre staging at Node number 172)

Sr. No.	Description of items	Qty.	Rate	Unit	Amount.
1	Construction of reinforcement cement concrete circular over head water storage reservoir having capacity as indicated below with 10.00 metre staging height from ground level including site development,supply of design and structural drawings subject to approval of the same from competent authorities before starting the work and including carriage of material required thereof within all leads and lifts also including making the surrounding good after its completion.				
a)	Construction of reinforcement cement concrete over head storage tank 64800 litres capacity having 15.00 metre staging height at node No. 172.	64800.00		P/Ltr.	
		litre			
	<u>The water reservoir should comprise of followings:-</u>				
1	Inlet pipe shall be provided by the department,however the Contractor/Firm shall have to make arrangements for connection the same with the tank.				
2	Providing and fixing of atleast 2 number manholes with C.I covers 500 milimetre internal dia metre total weight of cover and frame to be not less than 116 Killogramme (Medium duty). The weight of cover and frame to be 58 Killogramme each.				
3	Cast iron ventilating pipe 150 milimetre dia with cowl and mosquito proof cover of sufficient length and lightening conductor as per site shall be provided by the contractor/firm				
4	R.C.C sprial stairs of 75 centimetre width including railing of G.I pipe 40 milimetre dia (Medium class) supported on mild steel angle iron 40x40x5 milimetre of height 90 centimetre from the ground level of the reservoir to the top of the bottom ring beam and steel stairs from top of bottom ring beams to manhole to base of reservoir.				

- 5 All inspection gallery of minimum width 75 centimetre shall be provided around the tank at the bottom ring beam level along with railing of G.I pipe, of suitable dia supported on mild steel angle iron of 40x40x5 millimetre and also at ground level of the tank G.I. railing including mild steel gate of suitable size. The pipe will be supplied by the contractor.
- 6 All other required accessories such as bell mouth, control valves of cast iron class PN-I one for each out let and scour system shall be supplied and fixed by the Firm.
- 7 All the fitting shall be embeded in the structure while the work is in progress. All connections shall be left out side the structures with sluice valves of appropriate class and speification in position ready for connection with incomming and outgoing pipes. Direction of the scour shall be made towards natural drainage as per direction of Engineer in charge.
- 8 The bearing capacity of the soil be got tested before submitting the design for approval and authenticated copy of report attached with design. However for tendering purpose B.C. be taken as 10 tonne per square metre.
- 9 The work shall be carried out as per technical specification attached in the NIT and direction of Engineer in charge. All the surrouning shall be levelled and make good and brought in proper shape as per direction of Engineer in chage.
- 10 All the pipe fittings, valves and other specials shall be ISI marked and confirm to relevent BIS codes and also shall be subject to the approval of Engineer in charge.
- 11 The scope of work shall included provision of puddle collars and housing chambers for sluice valves etc. as required at site as per direction of Engineer in charge.
- 12 Nothing shall be paid for the rejectred materials and/or for the work executed below specifications.
- 13 The contractor shall be responsible for the watch and ward of the materials at site of work.
- 14 The contractor shall dispose off all the surplus materials after the construction with in all leads of 200 metres to make the site level/good.
- 15 Only steel and/or plywood and/or timber shuttering lined with ply or iron sheets and/or plastic shuttering shall be used for concrete surfaces subjected to safety of structure and smooth surface as per NIT requirement.
- 16 Following mateials shall be issued to the contractor on the rates as shown against each item at IPH store Palampur. All other material shall be arranged by the contractor himself within all leads and lifts.

Note:-

- a) Cement:- P.P.C Rs.234/- per bag (Rs.Two hundred thirty four) only per bag at IPH
- b) Steel will be issued @ Rs 4700/-per quantal (Rs.Four thousand seven hundred only) at IPH
- c) Crushed aggregate of good quality should be used.
- d) Concrete mixing shall be done with mehanical mixture
- e) Vibrator shall be used at the time of concreting
- f) Minimum 3 Nos test tubes of concrete 1:1 :3 from site shall be made available to the Deptt. For random testinof their compressie strength
- g) Steel shuttering shall be used at site of work.

SCHEDULE OF QUANTITY "

Estimated Cost:- Rs. 370418/-.

Earnest Money:- Rs. 7400/-.

Time:- Three Months.

Name of work:- (2) Improvement of Flow Irrigation Scheme Dai di kuhl in Tehsil Palampur (SH)Construction of kuhl ffrom RD 6910 to 7200)

Sr. No.	Description of items.	Qty.	Rate	Unit	Amount.
1	Excavation in drain and channels etc. in all kinds of soil such as pick work jumper work blasting work soft and hard rock and saturated soil including dressing of sides and beds	487.20		P/Cum	
		Cum			
2	Providing and laying cement concrete 1:4:8(One cement is to four sand is to eight graded stone aggregate 40 milimetre nominal size and) curing complete excluding the	60.90		P/Cum	
		Cum			
3	Providing and laying cement concrete 1:3:6 (One cement is to three sand is to six graded stone aggregate 20 milimetre nominal size and) curing complete excluding the	156.60		P/Cum	
		Cum			
4	Providing form work with steel plates 3.15 milimetre thick welded with angle iron in frame 30x30x5 milimetre so as to give a fair finish including centring,shuttering,strutting and propping etc.with wooden battens ballies,height of propping and centring below				
a)	Vertical surfaces such as walls (any thickness) partitions walls and the like including attached pillasters, buttreses plinth string courses ad the like within all leads and lifts	522.00		P/Sqmt	
		Sqmt			
	Terms and condition				
a)	Cement will be issued @ Rs.234/-per bag from Divisional store Differpat.				
b)	The work should be carried out as per specifications.				
c)	Nothing shall be paid for the rejected work.				
d)	Crushed stone aggregate shall be used.				
e)	Concrete mixing shall be done with mehanical mixture				
f)	Vibrator shall be used at the time of concreting				
g)	Steel shuttering shall be used at site of work.				

SCHEDULE OF QUANTITY "

Estimated Cost:- Rs. 357646/-.

Earnest Money:- Rs. 7200/-.

Time:- Three Months.

Name of work:- (3) Improvement of Flow Irrigation Scheme Dai di kuhl in Tehsil Palampur (SH)Construction of kuhl from RD 7200 to 7480)

Sr. No.	Description of items.	Qty.	Rate	Unit	Amount.
1	Excavation in drain and channels etc. in all kinds of soil such as pick work jumper work blasting work soft and hard rock and saturated soil including dressing of sides and beds	470.40		P/Cum	
		Cum			
2	Providing and laying cement concrete 1:4:8(One cement is to four sand is to eight graded stone aggregate 40 milimetre nominal size and) curing complete excluding the	58.80		P/Cum	
		Cum			
3	Providing and laying cement concrete 1:3:6 (One cement is to three sand is to six graded stone aggregate 20 milimetre nominal size and) curing complete excluding the	151.20		P/Cum	
		Cum			
4	Providing form work with steel plates 3.15 milimetre thick welded with angle iron in frame 30x30x5 milimetre so as to give a fair finish including centring,shuttering,strutting and propping etc.with wooden battens ballies,height of propping and centring below				
a)	Vertical surfaces such as walls (any thickness) partitions walls and the like including attached pillars, buttresses plinth string courses ad the like within all leads and lifts	504.00		P/Sqmt	
		Sqmt			
	Terms and condition				
a)	Cement will be issued @ Rs.234/-per bag from Divisional store Differpat.				
b)	The work should be carried out as per specifications.				
c)	Nothing shall be paid for the rejected work.				
d)	Crushed stone aggregate shall be used.				
e)	Concrete mixing shall be done with mehanical mixture				
f)	Vibrator shall be used at the time of concreting				
g)	Steel shuttering shall be used at site of work.				

SCHEDULE OF QUANTITY "

Estimated Cost:- Rs. 344872/-.

Earnest Money:- Rs. 6900/-.

Time:- Three Months.

Name of work:- (4) Improvement of Flow Irrigation Scheme Dai di kuhl in Tehsil Palampur (SH)Construction of kuhl from RD 7480 to 7750)

Sr. No.	Description of items.	Qty.	Rate	Unit	Amount.
1	Excavation in drain and channels etc. in all kinds of soil such as pick work jumper work blasting work soft and hard rock and saturated soil including dressing of sides and beds	453.60		P/Cum	
		Cum			
2	Providing and laying cement concrete 1:4:8(One cement is to four sand is to eight graded stone aggregate 40 milimetre nominal size and) curing complete excluding the	56.70		P/Cum	
		Cum			
3	Providing and laying cement concrete 1:3:6 (One cement is to three sand is to six graded stone aggregate 20 milimetre nominal size and) curing complete excluding the	145.80		P/Cum	
		Cum			
4	Providing form work with steel plates 3.15 milimetre thick welded with angle iron in frame 30x30x5 milimetre so as to give a fair finish including centring,shuttering,strutting and propping etc.with wooden battens ballies,height of propping and centring below				
a)	Vertical surfaces such as walls (any thickness) partitions walls and the like including attached pillars, buttresses plinth string courses ad the like within all leads and lifts	486.00		P/Sqmt	
		Sqmt			
	Terms and condition				
a)	Cement will be issued @ Rs.234/-per bag from Divisional store Differpat.				
b)	The work should be carried out as per specifications.				
c)	Nothing shall be paid for the rejected work.				
d)	Crushed stone aggregate shall be used.				
e)	Concrete mixing shall be done with mehanical mixture				
f)	Vibrator shall be used at the time of concreting				
g)	Steel shuttering shall be used at site of work.				

SCHEDULE OF QUANTITY "

Estimated Cost:- Rs. 395965/-.
Earnest Money:- Rs. 7900/-.
Time:- Three Months.

Name of work:- (5) Improvement of Flow Irrigation Scheme Dai di kuhl in Tehsil Palampur (SH)Construction of kuhl from RD 7750 to 8060)

Sr. No.	Description of items.	Qty.	Rate	Unit	Amount.
1	Excavation in drain and channels etc. in all kinds of soil such as pick work jumper work blasting work soft and hard rock and saturated soil including dressing of sides and beds	520.80		P/Cum	
		Cum			
2	Providing and laying cement concrete 1:4:8(One cement is to four sand is to eight graded stone aggregate 40 millimetre nominal size and) curing complete excluding the	65.10		P/Cum	
		Cum			
3	Providing and laying cement concrete 1:3:6 (One cement is to three sand is to six graded stone aggregate 20 millimetre nominal size and) curing complete excluding the	167.40		P/Cum	
		Cum			
4	Providing form work with steel plates 3.15 millimetre thick welded with angle iron in frame 30x30x5 millimetre so as to give a fair finish including centring,shuttering,strutting and propping etc.with wooden battens ballies,height of propping and centring below				
a)	Vertical surfaces such as walls (any thickness) partitions walls and the like including attached pilasters, buttresses plinth string courses ad the like within all leads and lifts	558.00		P/Sqmt	
		Sqmt			
Terms and condition					
a)	Cement will be issued @ Rs.234/-per bag from Divisional store Differpat.				
b)	The work should be carried out as per specifications.				
c)	Nothing shall be paid for the rejected work.				
d)	Crushed stone aggregate shall be used.				
e)	Concrete mixing shall be done with mehanical mixture				
f)	Vibrator shall be used at the time of concreting				
g)	Steel shuttering shall be used at site of work.				

SCHEDULE OF QUANTITY "

Estimated Cost:- Rs. 978625/-
 Earnest Money:- Rs. 19600/-
 Time:- Six Months.

Name of work:- (6) Augmentation of Water Supply Scheme Darang Dhoran Ghanetta in Tehsil Palampur (SH)Construction of reinforcement cement concrete underground reservoir 58500 ltrs capacity at node Number 3, 40800 litres capacity at node No.4, 36600 litres capacity at node No. 5, 28200 litres capacity at node No. 6, 64800 litres capacity at node number 7, 15700 litres capacity at node No. 8, 11000 litres capacity at node No. 9, 5000 lites capacity atnode number 10)

Sr. No.	Description of items.	Qty.	Rate	Unit	Amount.
1	Construction of reinforcement cement concrete circular/rectangular under ground /partially under ground water storasge of following capacities including side development, supply of design and structural drawings, subject to approval of the same from competent authorities before starting the work and including carriage of material				
a)	Construction of reinforcement cement concrete underground reservoir 58500 litres capacity at node No. 3.	58500.00		P/Ltr. litre	
b)	Construction of reinforcement cement concrete underground reservoir 40800 litres capacity at node No. 4.	40800.00		P/Ltr. litre	
c)	Construction of reinforcement cement concrete underground reservoir 36600 litres capacity at node No. 5	36600.00		P/Ltr. litre	
d)	Construction of reinforcement cement concrete underground reservoir 28200 litres capacity at node No. 6.	28200.00		P/Ltr. litre	
e)	Construction of reinforcement cement concrete underground reservoir 64800 litres capacity at node No. 7.	64800.00		P/Ltr. litre	
f)	Construction of reinforcement cement concrete underground reservoir 15700 litres capacity at node No. 8	15700.00		P/Ltr. litre	
g)	Construction of reinforcement cement concrete underground reservoir 11000 litres capacity at node No. 9.	11000.00		P/Ltr. litre	
h)	Construction of reinforcement cement concrete underground reservoir 5000 litres capacity at node No. 10	5000.00		P/Ltr. litre	
	<u>The water reservoir should comprise of followings:-</u>				
1	Inlet pipe shall be provided by the department,however the Contractor/Firm shall have to make arrangements for connection the same with the tank.				
2	Providing and fixing of atleast 2 number manholes with C.I covers 500 milimetre internal dia metre total weight of cover and frame to be not less than 116 Killogramme (Medium duty). The weight of cover and frame to be 58 Killogramme each.				
3	Cast iron ventilating pipe 150 milimetre dia with cowl and mosquito proof cover of				
4	R.C.C sprial stairs of 75 centimetre width including railing of G.I pipe 40 milimetre dia				
5	All inspection gallery of minimum width 75 centimetre shall be provided around the tank				
6	All other required accessories such as bell mouth,control valves of cast iron class PN-I				
7	All the fitting shall be embeded in the structure while the work is in progress. All				
8	The bearing capacity of the soil be got tested before submitting the design for approval				
9	The work shall be carried out as per technical specification attached in the NIT and				
10	All the pipe fittings, valves and other specials shall be ISI marked and confirm to				
11	The scope of work shall included provision of puddle collars and housing chambers for				
12	Nothing shall be paid for the rejectred materials and/or for the work executed below				
13	The contractor shall be responsible for the watch and ward of the materials at site of				
14	The contractor shall dispose off all the surplus materials after the construction with in all				
15	Only steel and/or plywood and/or timber shuttering lined with ply or iron sheets and/or				
16	Following mateials shall be issued to the contractor on the rates as shown against each				

Note:-

- a) Cement:- P.P.C Rs.234/- per bag (Rs.Two hundred thirty four) only per bag at IPH
- b) Steel will be issued @ Rs 4700/-per quantal (Rs.Four thousand seven hundred only) at
- c) Crushed aggregate of good quality should be used.
- d) The work shall be executed according to the approved design, drawing of the reservoir
- e) The excavataion shall coveer all type of soil and rocks involved at site including cutting
- f) The crushed stone aggregate of specified grading conforming to rerlevant IS-code shall
- g) The RCC work shall be carried out with echanical mixer and the com,paction shall be
- h) The outlet pipe shall be placed 15cm above the floor level to provide a space for
- i) GI ppe for inlet, outlet over floor and scour shall be issued by deptt from Divisional store
- j) Concrete mixing shall be done with mehanical mixture
- k) Vibrator shall be used at the time of concreting
- l) Minimum 3 Nos test cues of concrete 1: 1/2:3 from site shall be made available to the
- m) Steel shuttering shall be used at site of work.

SCHEDULE OF QUANTITY "

Estimated Cost:- Rs. 546340/-
 Earnest Money:- Rs. 10900/-
 Time:- Three Months.

Name of work:- (7) Construction of Flow Irrigation Scheme Simblu Samrial Tikka
 Dohal kuhl in Tehsil Palampur
 (SH)Construction of reinforcement cement concrete lining
 from RD 5410/10/420 to 960= 532 Rmt)

Sr. No.	Description of items.	Qty.	Rate	Unit	Amount.
1	Excavation in drain and channels etc. in all kinds of soil such as pick work jumper work blasting work soft and hard rock and saturated soil including dressing of sides and beds	141.78		P/Cum	
		Cum			
2	Providing and laying cement concrete 1:4:8(One cement is to four sand is to eight graded stone aggregate 40 milimetre nominal size and) curing complete excluding the	35.910		P/Cum	
		Cum			
3	Providing form work with steel plates 3.15 milimetre thick welded with angle iron in frame 30x30x5 milimetre so as to give a fair finish including centring,shuttering,strutting and propping etc.with wooden battens ballies,height of propping and centring below				
a)	Vertical surfaces such as walls (any thickness) partitions walls and the like including attached pillasters, buttreses plinth string courses ad the like within all leads and lifts	1010.80		P/Sqmt	
		Sqmt			
4	Providing and layg ement concrete 1:1/2:3 (One cement is to one and half sand is to three graded stone aggregate 20mm nominal size) and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in :-				
a)	Walls (any thick ness) paritions wals and the like including atrtahed pillasters, buttreses plinth string courses and the like within all leads and lifts as per the direction of	63.840		P/Sqmt	
		Sqmt			
b)	Foundation footings and basis of columns etc. and mass concrete within all leads and lifts as per the direction of Engineer-in-charge.	71.82		P/Cum	
		Cum			
5	Providing & laying mild steel/tor steel reinforcement for reinforced cement concrete work including bending binding and placing in position complete upto floor two level within all leads and lifts as per the direction of Engineer-in-charge.	6104.70		Per	
		Killo-		gramme.	
6	Providing & laying P.V.C. water stop seal as per required size etc. within all leads and lifts as per the direction of Engineer-in-charge.	43.73		Per	
		Rmt.		Rmt.	

Terms and condition

- Cement will be issued @ Rs.234/-per bag from Divisional store Differpat.
- Steel will be issued @ Rs. 4700/- per Qtl. To the contractor from Divisional Store
- The work should be carried out as per specifications.
- Nothing shall be paid for the rejected work.
- Crushed stone aggregate shall be used.
- Concrete mixing shall be done with mehanical mixture
- Vibrator shall be used at the time of concreting
- Minimum 3 Nos test cues of concrete 1: 1/2:3 from site shall be made available to the
- Steel shuttering shall be used at site of work.

SCHEDULE OF QUANTITY "

Estimated Cost:- Rs. 552506/-.
 Earnest Money:- Rs. 11000/-.
 Time:- Three Months.

Name of work:- (8) Construction of Flow Irrigation Scheme Simblu Samrial Tikka
 Dohal kuhl in Tehsil Palampur
 (SH)Construction of reinforcement cement concrete lining
 from RD 5410/960 to 1520= 538 Rmt)

Sr. No.	Description of items.	Qty.	Rate	Unit	Amount.
1	Excavation in drain and channels etc. in all kinds of soil such as pick work jumper work blasting work soft and hard rock and saturated soil including dressing of sides and beds	143.38		P/Cum	
		Cum			
2	Providing and laying cement concrete 1:4:8(One cement is to four sand is to eight graded stone aggregate 40 milimetre nominal size and) curing complete excluding the	36.315		P/Cum	
		Cum			
3	Providing form work with steel plates 3.15 milimetre thick welded with angle iron in frame 30x30x5 milimetre so as to give a fair finish including centring,shuttering,strutting and propping etc.with wooden battens ballies,height of propping and centring below				
a)	Vertical surfaces such as walls (any thickness) partitions walls and the like including attached pillasters, buttreses plinth string courses ad the like within all leads and lifts	1022.20		P/Sqmt	
		Sqmt			
4	Providing and layg ement concrete 1:1/2:3 (One cement is to one and half sand is to three graded stone aggregate 20mm nominal size) and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in :-				
a)	Walls (any thick ness) paritions wals and the like including atrtahed pillasters, buttreses plinth string courses and the like within all leads and lifts as per the direction of	64.560		P/Sqmt	
		Sqmt			
b)	Foundation footings and basis of columns etc. and mass concrete within all leads and lifts as per the direction of Engineer-in-charge.	72.63		P/Cum	
		Cum			
5	Providing & laying mild steel/tor steel reinforcement for reinforced cement concrete work including bending binding and placing in position complete upto floor two level within all leads and lifts as per the direction of Engineer-in-charge.	6173.55		Per	
		Killo-		Killo-	
		gramme.		gramme	
6	Providing & laying P.V.C. water stop seal as per required size etc. within all leads and lifts as per the direction of Engineer-in-charge.	44.23		Per	
		Rmt.		Rmt.	

Terms and condition

- Cement will be issued @ Rs.234/-per bag from Divisional store Differpat.
- Steel will be issued @ Rs. 4700/- per Qtl. To the contractor from Divisional Store
- The work should be carried out as per specifications.
- Nothing shall be paid for the rejected work.
- Crushed stone aggregate shall be used.
- Concrete mixing shall be done with mehanical mixture
- Vibrator shall be used at the time of concreting
- Minimum 3 Nos test cues of concrete 1: 1/2:3 from site shall be made available to the
- Steel shuttering shall be used at site of work.

" SCHEDULE OF QUANTITY "

Estimated Cost:- Rs. 580181/-

Earnest Money:- Rs. 11600/-

Time:- Three Months.

Name of work:- (9) Construction of Flow Irrigation Scheme Simblu Samrial Tikka Dohal kuhl in Tehsil Palampur (SH)Construction of reinforcement cement concrete lining from RD 5410/1520 to 2110= 562 Rmt. C/O 1 number footpath X-ing at RD 2040)

Sr. No.	Description of items.	Qty.	Rate	Unit	Amount.
1	Excavation in drain and channels etc. in all kinds of soil such as pick work jumper work blasting work soft and hard rock and saturated soil including dressing of sides and beds	149.78		P/Cum	
		Cum			
2	Excavation in foundation trenches etc.in earth work in all kinds of soil such as pick work,jumper work,blasting in soft and hard rock and chiselling work including saturated soil slushy soil and under floor upto all depth and stacking the excavated soil and then returning the stacked soil in 15 centimetre (Fifteen centimetre)layer when required into plinth sides of foundation etc.consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth as directed by the Engineer-	1.140		Per cubic metre	
		cubic metre			
3	Providing and laying cement concrete 1:6:12 (One cement is to six sand is to twelve graded stone aggregate 40 milimetre nominal size and) curing complete excluding the cost of form work in foundation and plinth within all leads and lifts as per the direction of	0.12		Per cubic metre	
		cubic metre			
4	Providing and laying cement concrete 1:4:8 (One cement is to four sand is to eight graded stone aggregate 40 milimetre nominal size and) curing complete excluding the cost of form work in foundation and plinth within all leads and lifts as per the direction of	37.94		Per cubic metre	
		cubic metre			
5	Square rubble masonary coursed with hard stone of approved quality in foundation and plinth including racking out joints in cement mortar 1:4 (One cement is to four sand) within all leads and lifts as per the direction of Engineer-in-charge.	0.96		Per cubic metre	
		cubic metre			
6	Providing form work with steel plates 3.15 milimetre thick welded with angle iron in frame 30x30x5 milimetre so as to give a fair finish including centring,shuttering,strutting and propping etc.with wooden battens ballies,height of propping and centring below				
a)	Vertical surface such as walls (any thickness)partitions walls and the like including attached pillaster,buttrses plinth string courses and the like Square, rectangular or polygonal in planwithin all leads and lifts as per the direction of Engineer-in-charge.	1067.80		Per Square metre	
		metre			
b)	Flate surface such as soffits of suspended floor, roofs landings and the like floors etc. upto 200 in thickness within all leads and lifts as per the direction of Engineer-in-	3.04		Per Square	
		Square			
7	Providing and laying cement concrete 1:2:4(One cement is to two sand is to four graded stone aggregate 20 milimetre nominal size and curing complete excluding the cost of form work and reinforcement for reinforced cement concrete in suspended floors,roofs landing shelves and their supports balconies beams,girders and cantilevers upto floor two level within all leads and lifts as per the direction of Engineer-in-charge.	0.24		Per Cubic metre	
		cubic metre			
8	Providing and laying cement concrete 1:1½:3(One cement is to one and half sand is to three graded stone aggregate 20 milimetre nominal size and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in walls(any thickness)but not less than 0.10 metre thickness)attached pillasters,buttrseses plinth and string courses from top of foundation upto floor two level within all leads and lifts as				
a)	Walls(any thickness)but not less than 0.10 metre thickness)attached pillasters,buttrseses plinth and string courses from top of foundation upto floor two level within all leads and lifts as per the direction of Engineer-in-charge.	67.440		Per Cubic metre	
		cubic metre			
b)	Foundaton footing and basis of columns etc. and mass concrete within all leads and lifts as per the direction of Engineer-in-charge.	75.87		Per Cum metre	
		Cum metre			
9	Providing & laying mild steel/tor steel reinforcement for reinforced cement concrete work including bending binding and placing in position complete upto floor two level within all leads and lifts as per the direction of Engineer-in-charge.	6470.95		Per Killo-gramme.	
		Killo-gramme.			
10	Providing & laying P.V.C. water stop seal as per required size etc. within all leads and lifts as per the direction of Engineer-in-charge.	46.20		Per Rmt.	
		Rmt.			

Terms and condition

- a) Cement will be issued @ Rs.234/-per bag from Divisional store Differpat.
- b) Steel will be issued @ Rs. 4700/- per Qtl. To the contractor from Divisional Store
- c) The work should be carried out as per specifications.
- d) Nothing shall be paid for the rejected work.
- e) Crushed stone aggregate shall be used.
- f) Concrete mixing shall be done with mehanical mixture
- g) Vibrator shall be used at the time of concreting
- h) Minimum 3 Nos test cues of concrete 1: 1/2:3 from site shall be made available to the
- i) Steel shuttering shall be used at site of work.

" SCHEDULE OF QUANTITY "

Estimated Cost:- Rs. 426322/-.
Earnest Money:- Rs. 8500/-.
Time:- Three Months.

Name of work:- (10) Construction of Flow Irrigation Scheme Simblu Samrial Tikka Dohal kuhl in Tehsil Palampur (SH)Construction of reinforcement cement concrete lining from RD 5410/0 to 420= 412 Rmt. C/O 1 number footpath X-ing at RD 5400)

Sr. No.	Description of items.	Qty.	Rate	Unit	Amount.
1	Excavation in drain and channels etc. in all kinds of soil such as pick work jumper work blasting work soft and hard rock and saturated soil including dressing of sides and beds	109.79		P/Cum	
2	Excavation in foundation trenches etc.in earth work in all kinds of soil such as pick work,jumper work,blasting in soft and hard rock and chiselling work including saturated soil slushy soil and under floor upto all depth and stacking the excavated soil and then returning the stacked soil in 15 centimetre (Fifteen centimetre)layer when required into plinth sides of foundation etc.consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth as directed by the Engineer-Providing and laying cement concrete 1:4:8 (One cement is to four sand is to eight graded stone aggregate 40 milimetre nominal size and) curing complete excluding the cost of form work in foundation and plinth within all leads and lifts as per the direction of	2.160		Per cubic metre	
3	Providing and laying cement concrete 1:2:4 (One cement is to two sand is to four graded stone aggregate 20 milimetre nominal size and) curing complete excluding the cost of form work in foundation and plinth within all leads and lifts as per the direction of	27.990		Per cubic metre	
4	Providing and laying cement concrete 1:2:4 (One cement is to two sand is to four graded stone aggregate 20 milimetre nominal size and) curing complete excluding the cost of form work in foundation and plinth within all leads and lifts as per the direction of	0.05		Per cubic metre	
5	Square rubble masonry coursed with hard stone of approved quality in foundation and plinth including racking out joints in cement mortar 1:4 (One cement is to four sand) within all leads and lifts as per the direction of Engineer-in-charge.	1.02		Per cubic metre	
6	Providing form work with steel plates 3.15 milimetre thick welded with angle iron in frame 30x30x5 milimetre so as to give a fair finish including centring,shuttering,strutting and propping etc.with wooden battens ballies,height of propping and centring below				
a)	Vertical surface such as walls (any thickness)partitions walls and the like including attached pillaster,buttreses plinth string courses and the like Square, rectangular or polygonal in planwithin all leads and lifts as per the direction of Engineer-in-charge.	782.80		Per Square metre	
7	Providing and laying cement concrete 1:1:2:3(One cement is to one and half sand is to three graded stone aggregate 20 milimetre nominal size and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in				
a)	Walls(any thickness)but not less than 0.10 metre thickness)attached pillasters,buttresses plinth and string courses from top of foundation upto floor two level within all leads and lifts as per the direction of Engineer-in-charge.	49.440		Per Cubic metre	
b)	Foundaton footing and basis of columns etc. and mass concrete within all leads and lifts as per the direction of Engineer-in-charge.	55.62		Per Cum metre	
8	Providing & laying mild steel/tor steel reinforcement for reinforced cement concrete work including bending binding and placing in position complete upto floor two level within all leads and lifts as per the direction of Engineer-in-charge.	4727.70		Per Killo-gramme	
9	20milimeter (Twenty milimeter) thick concrete topping 1:2:3 (one cement is to two three graded stone aggregate of size 4.75 mm below by volume) laid over and finished monolithic with base concrete within all leads and lifts as per direction of Engineer-in	0.90		P/Sqmt	
10	15 milimetre(Fifteen milimetre)thick cement plaster in single coat on rough side of brick/stone masonry for interior plastering upto floor two level including arrises internal rounded angles chamfers and/or rounded angles not exceeding 80 milimetre in girth	3.30		P/Sqmt.	
11	Providing & fixing mild steel plate 10 milimetre thick 200 milimetre wide (15.7 Kg/m) within all leads and lifts as per the direction of Engineer-in-charge.	41.00		Per Kg.	

12	Providing & laying P.V.C. water stop seal as per required size etc. within all leads and lifts as per the direction of Engineer-in-charge.	33.87 Rmt.	P/Rmt.
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Terms and condition

- a) Cement will be issued @ Rs.234/-per bag from Divisional store Differpat.
- b) Steel will be issued @ Rs. 4700/- per Qtl. To the contractor from Divisional Store
- c) The work should be carried out as per specifications.
- d) Nothing shall be paid for the rejected work.
- e) Crushed stone aggregate shall be used.
- f) Concrete mixing shall be done with mehanical mixture
- g) Vibrator shall be used at the time of concreting
- h) Minimum 3 Nos test cues of concrete 1: 1/2:3 from site shall be made available to the
- i) Steel shuttering shall be used at site of work.

" SCHEDULE OF QUANTITY "

Estimated Cost:- Rs. 297973/-.

Earnest Money:- Rs. 6000/-.

Time:- Three Months.

Name of work:- (11) Construction of Flow Irrigation Scheme Baijnath kuhl
(Ustehar and Nagehar Branch)in Tehsil Baijnath
(SH Construction 1 number Bus stand X-ing)

Sr. No.	Description of items.	Qty.	Rate	Unit	Amount.
1	Excavation in drain and channels etc. in all kinds of soil such as pick work jumper work blasting work soft and hard rock and saturated soil including dressing of sides and beds	140.63		P/Cum	
2	Dismantalling/Demolition below ground level pto floor two level including disposal of unserviceable materials with in 20 metres and including cutting the necessary reinforcement and separating out from reinforcement cement concrete work within all	Cum 18.00		Per cubic metre	
3	Providing and laying cement concrete 1:4:8 (One cement is to four sand is to eight graded stone aggregate 40 milimetre nominal size and) curing complete excluding the cost of form work in foundation and plinth within all leads and lifts as per the direction of	11.250		Per cubic metre	
4	Providing and laying cement concrete 1:11/2:3(One cement is to one and half sand is to three graded stone aggregate 20 millimetre nominal size and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in walls(any thickness)but not less than 0.10 metre thickness)attached pillasters,buttresses plinth and string courses from top of foundation upto floor two level within all leads and lifts as	92.680		cubic metre	
5	Providing form work with steel plates 3.15 milimetre thick welded with angle iron in frame 30x30x5 milimetre so as to give a fair finish including centring,shuttering,strutting and propping etc.with wooden battens ballies,height of propping and centring below				
a)	Vertical surface such as walls (any thickness)partitions walls and the like including attached pillaster,buttreses plinth string courses and the like Square, rectangular or polygonal in planwithin all leads and lifts as per the direction of Engineer-in-charge.	324.00		Per Square metre	
b)	Flat surfaces such as walls (any thickness) partitions walls and the like including attached pillaster,buttreses plinth string courses and the like Square, rectangular or polygonal in planwithin all leads and lifts as per the direction of Engineer-in-charge.	81.00		Per Square metre	
6	Providing & laying mild steel/tor steel reinforcement for reinforced cement concrete work including bending binding and placing in position complete upto floor two level within all leads and lifts as per the direction of Engineer-in-charge.	1121.60		Per Killo- gramme.	
7	Providing & fixing cast iron main hole cover and frame 500mm internal dia conforming to IS-12593-Part-I 1888 and IS 12592-Part-II (Heavy duty). The weight of cover and framed should not less than 116 Kg within all leads and lifts as per the direction of	5.00 Nos		Each	

Terms and condition

- Cement will be issued @ Rs.234/-per bag from Divisional store Differpat.
- Steel will be issued @ Rs. 4700/- per Qtl. To the contractor from Divisional Store
- The work should be carried out as per specifications.
- Nothing shall be paid for the rejected work.
- Crushed stone aggregate shall be used.
- Concrete mixing shall be done with mehanical mixture
- Vibrator shall be used at the time of concreting
- Minimum 3 Nos test cues of concrete 1: 1/2:3 from site shall be made available to the
- Steel shuttering shall be used at site of work.

" SCHEDULE OF QUANTITY "

Estimated Cost:- Rs. 427390/-.
Earnest Money:- Rs. 9500/-.
Time:- Three Months.

Name of work:- (12) Construction of Flow Irrigation Scheme Dhanag kuhl in Tehsil Baijnath
(SH Construction breast wall/pusta wall from RD 360 to 390= 30 Rmt, RD 510 to 540= 30 Rmt. RD 750 to 790= 40 Rmt= 100 Rmt & C/O R.C.C. lining from RD 360 to 390= 30 Rmt RD 510 to 540= 30 Rmt. RD 750 to 790= 40 Rmt. = 100 Rmt.

Sr. No.	Description of items.	Qty.	Rate	Unit	Amount.
1	Excavation in drain and channels etc. in all kinds of soil such as pick work jumper work blasting work soft and hard rock and saturated soil including dressing of sides and beds	30.00		P/Cum	
2	Excavation in foundation trenches etc.in earth work in all kinds of soil such as pick work,jumper work,blasting in soft and hard rock and chiselling work including saturated soil slushy soil and under floor upto all depth and stacking the excavated soil and then returning the stacked soil in 15 centimetre (Fifteen centimetre)layer when required into plinth sides of foundation etc.consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth as directed by the Engineer-	197.300		Per cubic metre	
3	Providing and laying cement concrete 1:4:8 (One cement is to four sand is to eight graded stone aggregate 40 milimetre nominal size and) curing complete excluding the cost of form work in foundation and plinth within all leads and lifts as per the direction of	9.00		Per cubic metre	
4	Providing form work with steel plates 3.15 milimetre thick welded with angle iron in frame 30x30x5 milimetre so as to give a fair finish including centring,shuttering,strutting and propping etc.with wooden battens ballies,height of propping and centring below				
a)	Vertical surface such as walls (any thickness)partitions walls and the like including attached pillaster,buttreses plinth string courses and the like Square, rectangular or polygonal in planwithin all leads and lifts as per the direction of Engineer-in-charge.	808.12		Per Square metre	
5	Providing and laying cement concrete 1:1½:3(One cement is to one and half sand is to three graded stone aggregate 20 milimetre nominal size and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in walls(any thickness)but not less than 0.10 metre thickness)attached pillasters,buttreses plinth and string courses from top of foundation upto floor two level within all leads and lifts as	33.00		cubic metre	
6	Providing and laying cement concrete 1:5:10 (One cement is to five sand is to ten graded stone aggregate 40 milimetre nominal size and) with 15% plum and complete excluding the cost of form work in retaining walls/breat walls, the size of plums shall	263.780		Per cubic metre	
7	Providing & laying mild steel/tor steel reinforcement for reinforced cement concrete work including bending binding and placing in position complete upto floor two level within all leads and lifts as per the direction of Engineer-in-charge.	1891.00		Per Killo-gramme.	
8	Providing & fixing P.V.C. water seal 20 metre center to center of expansion cum sonstruction joints within all leads and lifts as per the direction of Engineer-in-charge.	9.75		Each	
		Nos			

Terms and condition

- Cement will be issued @ Rs.234/-per bag from Divisional store Differpat.
- Steel will be issued @ Rs. 4700/- per Qtl. To the contractor from Divisional Store
- The work should be carried out as per specifications.
- Nothing shall be paid for the rejected work.
- Crushed stone aggregate shall be used.
- Concrete mixing shall be done with mehanical mixture
- Vibrator shall be used at the time of concreting
- Minimum 3 Nos test cues of concrete 1: 1/2:3 from site shall be made available to the
- Steel shuttering shall be used at site of work.

***SCHEDULE OF QUANTITY ***

Estimated Cost:- Rs. 356527/-.
Earnest Money:- Rs. 7200/-.
Time :- Three months

Name of work 13 Construction of Flow Irrigation Scheme Rainki kuhl in Tehsil Bajjnath (SH)Construction over weir 18 metre long and wire

Sr. No.	Description of items.	Qty.	Rate	Unit	Amount.
1	Excavation in foundation trenches etc.in earth work in all kinds of soil such as pick work,jumper work,blasting in soft and hard rock and chiselling work including saturated soil slushy soil and under floor upto all depth and stacking the excavated soil not more than 3 metre clear from the edge of excavation and then returning the stacked soil in 15 centimetre (Fifteen centimetre)layer when required into plinth sides of foundation	173.09		Per cubic metre	
2	Providing and laying cement concrete 1:4:8(One cement is to four sand is to eight graded stone aggregate 40 milimetre nominal size) and curing complete excluding the cost of form work in foundation and plinth with in all leads and lifts as per the direction of Engineer-in-charge.	9.72		Per cubic metre	
3	Providing and laying cement concrete 1:1 1/2:3(One cement is to one and half sand is to three graded stone aggregate 20 millimetre nominal size and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in walls(any thickness)but not less than 0.10 metre thickness)attached pillasters,buttresses plinth and string courses from top of foundation upto floor two level within all leads and lifts as	88.22		cubic metre	
4	Providing & laying mild steel/tor steel reinforcement for reinforced cement concrete work including bending binding and placing in position complete upto floor two level within all leads and lifts as per the direction of Engineer-in-charge.	495.00		Per Killo-gramme.	
5	Wire crates made of galvanised iron wire filled with boulders with square cut facaes against the wire (Wire crates to be measaured andnn paid for separately) within all leads and lifts as per the direction of Engineer-in-charge.	148.43		Per Killo gramme	
6	Wire crates made of galvanised iron wire filled with boulders with square cut faces against the wire (boulder filling to be measaured andnn paid for separately) Galvanised iron wire 5mm thick corresponding to SWG-6 (15 centimetrex15 centimetre mesh)	890.62		Per Killo gramme	

Terms and conditions:-

- Cement will be issued @ Rs.234/-per bag from Divisional store Differpat.
- Steel will be issued @ Rs. 4700/- per Qtl. To the contractor from Divisional Store
- The work should be carried out as per specifications.
- Nothing shall be paid for the rejected work.
- Crushed stone aggregate shall be used.
- Concrete mixing shall be done with mehanical mixture
- Vibrator shall be used at the time of concreting
- Minimum 3 Nos test cues of concrete 1: 1/2:3 from site shall be made available to the
- Steel shuttering shall be used at site of work.

***SCHEDULE OF QUANTITY ***

Estimated Cost:- Rs. 730701/-.
Earnest Money:- Rs. 14600/-.
Time :- Three months

Name of work 14 Construction of Flow Irrigation Scheme Rainki kuhl in Tehsil Baijnath (SH Construction of RCC through or kuhl section)

Sr. No.	Description of items.	Qty.	Rate	Unit	Amount.
1	Excavation in drain and channels etc. in all kinds of soil such as pick work jumper work blasting work soft and hard rock and saturated soil including dressing of sides and beds	156.00		P/Cum	
2	Excavation in foundation trenches etc.in earth work in all kinds of soil such as pick work,jumper work,blasting in soft and hard rock and chiselling work including saturated soil slushy soil and under floor upto all depth and stacking the excavated soil not more than 3 metre clear from the edge of excavation and then returning the stacked soil in 15 centimetre (Fifteen centimetre)layer when required into plinth sides of foundation	51.61		Per cubic metre	
3	Providing and laying cement concrete 1:4:8(One cement is to four sand is to eight graded stone aggregate 40 milimetre nominal size) and curing complete excluding the cost of form work in foundation and plinth with in all leads and lifts as per the direction of Engineer-in-charge.	74.448		Per cubic metre	
4	Providing form work with steel plates 3.15 milimetre thick welded with angle iron in frame 30x30x5 milimetre so as to give a fair finish including centring,shuttering,strutting and propping etc.with wooden battens ballies,height of propping and centring below				
a)	Vertical surface such as walls (any thickness)partitions walls and the like including attached pillaster,buttreses plinth string courses and the like Square, rectangular or polygonal in planwithin all leads and lifts as per the direction of Engineer-in-charge.	1260.10		Per Square metre	
5	Providing and laying cement concrete 1:1/2:3(One cement is to one and half sand is to three graded stone aggregate 20 milimetre nominal size and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in walls(any thickness)but not less than 0.10 metre thickness)attached pillasters,buttreses plinth and string courses from top of foundation upto floor two level within all leads and lifts as	149.23		cubic metre	
6	Providing & laying mild steel/tor steel reinforcement for reinforced cement concrete work including bending binding and placing in position complete upto floor two level within all leads and lifts as per the direction of Engineer-in-charge.	10298.88		Per Killo gramme.	
7	Providing & fixing P.V.C. water seal 20 metre center to center of expansion cum sonstruction joints within all leads and lifts as per the direction of Engineer-in-charge.	29.00		P/Rmt.	

Terms and conditions:-

- Cement will be issued @ Rs.234/-per bag from Divisional store Differpat.
- Steel will be issued @ Rs. 4700/- per Qtl. To the contractor from Divisional Store
- The work should be carried out as per specifications.
- Nothing shall be paid for the rejected work.
- Crushed stone aggregate shall be used.
- Concrete mixing shall be done with mehanical mixture
- Vibrator shall be used at the time of concreting
- Minimum 3 Nos test cues of concrete 1: 1/2:3 from site shall be made available to the
- Steel shuttering shall be used at site of work.

***SCHEDULE OF QUANTITY ***

Estimated Cost:- Rs. 353666/-.
Earnest Money:- Rs. 7100/-.
Time :- Three months

Name of work 15 Construction of Flow Irrigation Scheme Rainki kuhl in Tehsil
Bajjnath (SH Construction of Reinforcement cement)

Sr. No.	Description of items.	Qty.	Rate	Unit	Amount.
1	Excavation in drain and channels etc. in all kinds of soil such as pick work jumper work blasting work soft and hard rock and saturated soil including dressing of sides and beds	69.13		P/Cum	
2	Providing and laying cement concrete 1:4:8(One cement is to four sand is to eight graded stone aggregate 40 milimetre nominal size) and curing complete excluding the cost of form work in foundation and plinth with in all leads and lifts as per the direction of Engineer-in-charge.	20.46		Per cubic metre	
3	Providing form work with steel plates 3.15 milimetre thick welded with angle iron in frame 30x30x5 milimetre so as to give a fair finish including centring,shuttering,strutting and propping etc.with wooden battens ballies,height of propping and centring below				
a)	Vertical surface such as walls (any thickness)partitions walls and the like including attached pillaster,buttreses plinth string courses and the like Square, rectangular or polygonal in planwithin all leads and lifts as per the direction of Engineer-in-charge.	620.00		Per Square metre	
4	Providing and laying cement concrete 1:1:2:3(One cement is to one and half sand is to three graded stone aggregate 20 milimetre nominal size and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in walls(any thickness)but not less than 0.10 metre thickness)attached pillasters,buttreses plinth and string courses from top of foundation upto floor two level within all leads and lifts as	81.84			
5	Providing & laying mild steel/tor steel reinforcement for reinforced cement concrete work including bending binding and placing in position complete upto floor two level within all leads and lifts as per the direction of Engineer-in-charge.	4910.00		Per Killo gramme	
6	Providing & fixing P.V.C. water seal 20 metre center to center of expansion cum sonstruction joints within all leads and lifts as per the direction of Engineer-in-charge.	21.08		P/Rmt.	

Terms and conditions:-

- Cement will be issued @ Rs.234/-per bag from Divisional store Differpat.
- Steel will be issued @ Rs. 4700/- per Qtl. To the contractor from Divisional Store
- The work should be carried out as per specifications.
- Nothing shall be paid for the rejected work.
- Crushed stone aggregate shall be used.
- Concrete mixing shall be done with mehanical mixture
- Vibrator shall be used at the time of concreting
- Minimum 3 Nos test cues of concrete 1: 1/2:3 from site shall be made available to the
- Steel shuttering shall be used at site of work.

***SCHEDULE OF QUANTITY ***

Estimated Cost:- Rs. 208812/-.
Earnest Money:- Rs. 4200/-.
Time :- Three months

Name of work 16 Construction of Flow Irrigation Scheme Rainki kuhl in Tehsil
Bajjnath (SH Construction of Reinforcement cement

Sr. No.	Description of items.	Qty.	Rate	Unit	Amount.
1	Excavation in drain and channels etc. in all kinds of soil such as pick work jumper work blasting work soft and hard rock and saturated soil including dressing of sides and beds	120.05		P/Cum	
2	Providing and laying cement concrete 1:4:8(One cement is to four sand is to eight graded stone aggregate 40 milimetre nominal size) and curing complete excluding the cost of form work in foundation and plinth with in all leads and lifts as per the direction of Engineer-in-charge.	7.35		Per cubic metre	
3	Providing form work with steel plates 3.15 milimetre thick welded with angle iron in frame 30x30x5 milimetre so as to give a fair finish including centring,shuttering,strutting and propping etc.with wooden battens ballies,height of propping and centring below				
a)	Vertical surface such as walls (any thickness)partitions walls and the like including attached pillaster,buttreses plinth string courses and the like Square, rectangular or polygonal in planwithin all leads and lifts as per the direction of Engineer-in-charge.	294.00		Per Square metre	
b)	Flat surface such as soffits os suspended floors, roofs, landings and the like floors etc. upto 2300 milimetre in thickness within all leads and lifts as per the direction of Engineer-in-charge.	35.00		Per Square metre	
4	Providing and laying cement concrete 1:1½:3(One cement is to one and half sand is to three graded stone aggregate 20 milimetre nominal size and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in walls(any thickness)but not less than 0.10 metre thickness)attached pillasters,buttresses plinth and string courses from top of foundation upto floor two level within all leads and lifts as				
a)	Walls(any thickness)but not less than 0.10 metre thickness)attached pillasters,buttresses plinth and string courses from top of foundation upto floor two level within all leads and lifts as per the direction of Engineer-in-charge.	28.00		Per Cubic metre	
b)	Foundaton footing and basis of columns etc. and mass concrete within all leads and lifts as per the direction of Engineer-in-charge.	19.60		Per Cum metre	
5	Providing & laying mild steel/tor steel reinforcement for reinforced cement concrete work including bending binding and placing in position complete upto floor two level within all leads and lifts as per the direction of Engineer-in-charge.	3094.00		Per Killo gramme	
6	Providing & fixing P.V.C. water seal 20 metre center to center of expansion cum sonstruction joints within all leads and lifts as per the direction of Engineer-in-charge.	10.30		P/Rmt.	

Terms and conditions:-

- Cement will be issued @ Rs.234/-per bag from Divisional store Differpat.
- Steel will be issued @ Rs. 4700/- per Qtl. To the contractor from Divisional Store
- The work should be carried out as per specifications.
- Nothing shall be paid for the rejected work.
- Crushed stone aggregate shall be used.
- Concrete mixing shall be done with mehanical mixture
- Vibrator shall be used at the time of concreting
- Minimum 3 Nos test cues of concrete 1: 1½:3 from site shall be made available to the
- Steel shuttering shall be used at site of work.

***SCHEDULE OF QUANTITY ***

Estimated Cost:- Rs. 773323/-
Earnest Money:- Rs. 15500/-
Time :- Three months

Name of work 17 Construction of Flow Irrigation Scheme Rainki kuhl in Tehsil Baijnath (SH Construction of Reinforcement cement)

Sr. No.	Description of items.	Qty.	Rate	Unit	Amount.
1	Excavation in drain and channels etc. in all kinds of soil such as pick work jumper work blasting work soft and hard rock and saturated soil including dressing of sides and beds	193.20		P/Cum	
2	Providing and laying cement concrete 1:4:8(One cement is to four sand is to eight graded stone aggregate 40 milimetre nominal size) and curing complete excluding the cost of form work in foundation and plinth with in all leads and lifts as per the direction of Engineer-in-charge.	44.55		Per cubic metre	
3	Providing form work with steel plates 3.15 milimetre thick welded with angle iron in frame 30x30x5 milimetre so as to give a fair finish including centring,shuttering,strutting and propping etc.with wooden battens ballies,height of propping and centring below				
a)	Vertical surface such as walls (any thickness)partitions walls and the like including attached pillaster,buttreses plinth string courses and the like Square, rectangular or polygonal in planwithin all leads and lifts as per the direction of Engineer-in-charge.	1350.00		Per Square metre	
4	Providing and laying cement concrete 1:1 1/2:3(One cement is to one and half sand is to three graded stone aggregate 20 milimetre nominal size and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in walls(any thickness)but not less than 0.10 metre thickness)attached pillasters,buttresses plinth and string courses from top of foundation upto floor two level within all leads and lifts as	178.20		Per Cubic metre	
5	Providing & laying mild steel/tor steel reinforcement for reinforced cement concrete work including bending binding and placing in position complete upto floor two level within all leads and lifts as per the direction of Engineer-in-charge.	10692.00		Per Killo-gramme	
6	Providing & fixing P.V.C. water seal 20 metre center to center of expansion cum sonstruction joints within all leads and lifts as per the direction of Engineer-in-charge.	45.90		P/Rmt.	

Terms and conditions:-

- Cement will be issued @ Rs.234/-per bag from Divisional store Differpat.
- Steel will be issued @ Rs. 4700/- per Qtl. To the contractor from Divisional Store
- The work should be carried out as per specifications.
- Nothing shall be paid for the rejected work.
- Crushed stone aggregate shall be used.
- Concrete mixing shall be done with mehanical mixture
- Vibrator shall be used at the time of concreting
- Minimum 3 Nos test cues of concrete 1: 1/2:3 from site shall be made available to the
- Steel shuttering shall be used at site of work.

***SCHEDULE OF QUANTITY ***

Estimated Cost:- Rs. 349076/-.
Earnest Money:- Rs. 7000/-.
Time :- Three months

Name of work 18 Construction of Flow Irrigation Scheme Rainki kuhl in Tehsil
Bajjnath (SH Providing and laying HDPE pipe 160mm dia i.e.

Sr. No.	Description of items.	Qty.	Rate	Unit	Amount.
1	Excavation in foundation trenches etc.in earth work in all kinds of soil such as pick work,jumper work,blasting in soft and hard rock and chiselling work including saturated soil slushy soil and under floor upto all depth and stacking the excavated soil and then returning the stacked soil in 15 centimetre (Fifteen centimetre)layer when required into plinth sides of foundation etc.consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth as directed by the Engineer-	362.57		Per cubic metre	
2	Providing and laying cement concrete 1:4:8(One cement is to four sand is to eight graded stone aggregate 40 milimetre nominal size) and curing complete excluding the cost of form work in foundation and plinth with in all leads and lifts as per the direction of Engineer-in-charge.	1.56		Per cubic metre	
3	1st class brick work using common burnt clay building bricks in foundation and linth in cement mortar 1:6 (One cement is to six sand)	5.440		Per Cubic metre	
4	40 milimeter (Forty milimeter) thick concrete flooring 1:2:4 (one cement is to two sand is to four graded stone aggregate 20mm nominal size) laid in one layer and finished with a floating coat of neat cement within all leads and lifts as per direction of Engineer-	4.00		P/Sqmt	
5	20 milimetre(Twenty milimetre)thick cement plaster in single coat on rough side of brick/stone masonry for interior plastering upto floor two level including arrises internal rounded angles chamfers and/or rounded angles not exceeding 80 milimetre in girth	33.88		P/Sqmt.	
6	Providing, laying & fixing jointing and commissioning of HDPE (High Density Polyethylene pipes) of 160 milimetre PN-4.0 Kg/Cm2 PE-80 diameter and classs confirming to IS 4984-1995 with fusion welding process includig all necessary fitting in	600.00		P/Rmt.	

Terms and conditions:-

- Cement will be issued @ Rs.234/-per bag from Divisional store Differpat.
- Steel will be issued @ Rs. 4700/- per Qtl. To the contractor from Divisional Store
- The work should be carried out as per specifications.
- Nothing shall be paid for the rejected work.
- Crushed stone aggregate shall be used.
- Concrete mixing shall be done with mehanical mixture
- Vibrator shall be used at the time of concreting
- Minimum 3 Nos test cues of concrete 1: 1/2:3 from site shall be made available to the
- Steel shuttering shall be used at site of work.