

*** SCHEDULE OF QUANTITY ***

Estimated cost:- Rs 366448.00

Name of work:- Improvement and extension of lift irrigation scheme Tikkari Sagoor in Tehsil Baijnath District Kangra(HP).
(SH)Construction of reinforcement cement concrete lining from RD 210/0/320 to 480=160 Rmt.

Earnest money:- Rs 7330.00

Time :- Three Months

Sr. No.	Description of items.	Qty.	Rate in		Unit	Amount.
			Figure	Words.		
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 and disposing of excavated earth upto a lead of 20 metre and lift upto 1.50 metre within all leads and lifts as per the direction of Engineer-in-charge.	47.75 cubic metre			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.	9.60 cubic metre.			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 and reinforcement for reinforced cement concrete in:-					
(a)	Foundation,footings bases of column and the like mass concrete within all leads and lifts as per the direction of Engineer-in-charge.	16.80 cubic metre			Per cubic metre	
(b)	Walls (any thickness) butt not less then 0.10 metre thickness) attached pillasters, buttresses, plinth and string courses etc. from top of foundation up to floor two level with in all leads and lifts as per the direction of Engineer-in-charge.	21.60 cubic metre			Per cubic metre	
4	Providing form work with steel plates 3.15 milimetre thick welded with angle iron in frame 30*30*5 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 supporting floor two ceiling not exceeding 4 metre and removal of the same for in-situ-reinforced concrete and plain concrete work in-					
a)	Vertical surfaces such as walls(any thickness)partitions walls and the like including attached pillasters,buttreses plinth string courses and the like within all leads and lifts as per the direction of Engineer-in-charge	336.00 square metre			Per square metre	
5	Providing and 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.	1536.00 Killo- gramme			Per Killo- gramme	

Terms and conditions:-

- a) Cement will be issued @ Rs.303/-per bag from Departmental Divisional store Differpat.
- b) Steel will be issued @ Rs.4800/-per quintal to the contractor from Divisional store.
- c) Crushed stone aggregate and mechanically mixture concrete shall be used.
- d) The work shall be completed with in stipulated period.
- e) Required No. of test cubes of cement concrete 1:2:4 (1 cement:2 sand:4 graded stone agg. of 20 mm nominal size) from site shall be collected for random testing of their compressive strength at 28 days as per provision of BIS 456-2000 which shall be get
- f) The work shall be executed as per IPH/HPWD specification and relevant IS codes to
- g) The security, income tax, good service tax and surcharge and labour welfare cess if any shall deducted from each running bill of the contractor/firm as applicable.
- h) Any damages caused to any public and private property during the course of execution of work shall be restored by the contractor and if, not done within a reasonable time then
- i) Nothing shall be paid for the rejected work/material.
- j) The contractor shall be fully responsible for watch and ward of material at the site of

*** SCHEDULE OF QUANTITY ***

Estimated cost:- Rs 363686.00

Name of work:- Construction of flow irrigation scheme Neuhal kuhl in gram panchayat Bharwana, Biara and Agojar in Tehsil Palampur District Kangra(HP).

Earnest money:- Rs 7280.00

(SH)Construction of reinforcement cement concrete channel from RD 970/0/390 to 585 running metre, construction of foot path X-ing 1 number.

Time :- Three months

Sr. No.	Description of items.	Qty.	Rate in		Unit	Amount.
			Figure	Words.		
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 and disposing of excavated earth upto a lead of 20 metre and lift upto 1.50 metre	45.18			Per cubic metre	
2	Dressing of bed and preparation of sub grade for lining in all kind of soil within all leads and lifts as per the direction of Engineer-in-charge.	165.75			Per square metre	
3	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	1.95			Per 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 with in all leads and lifts as per the direction	12.43			Per cubic metre	
5	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					
(a)	Foundation,footings bases of column and the like mass concrete within all leads and lifts as per the direction of Engineer-in-charge.	17.06			Per cubic metre	
(b)	Walls (any thickness) butt not less then 0.10 metre thickness) attached pillasters, buttresses, plinth and string courses etc. from top of foundation up to floor two level with in all leads and lifts as per the direction of Engineer-in-charge.	19.50			Per cubic metre	
(c)	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.	0.19			Per cubic metre	
6	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 with in all leads and lifts as per the direction	0.20			Per cubic metre	
7	Providing form work with steel plates 3.15 milimetre thick welded with angle iron in frame 30*30*5 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 and the like within all leads and lifts as per the direction of Engineer-in-charge	370.50			Per square metre	
b)	Flat surfaces such as soffits of suspended floors,roofs,landings and the like floors etc.upto 200 milimetre in thickness within all leads and lifts as per the direction of Engineer-in-charge.	1.05			Per square metre	
c)	Edges of slab and breaks in floor and walls under 20 centimetre in wide within all leads and lifts as per the direction of Engieer-in-charge.	3.70			Per running metre	

8	Providing and 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.	1479.60 Killo- gramme	Per Killo- gramme
9	Square rubble masonry coursed with hard stone of approved quality in foundation and plinth including racking out joints in cement mortar 1:6 (One cement is to six sand) within all leads and lifts as per the direction of Engineer-in-charge	0.70 cubic metre	Per cubic metre
10	Providing & laying P.V.C. water stop seal 230x6 mm thick 20 metre center to center of expansion cum construction joint within all leads and lifts as per the direction of Engineer-in-charge.	54.60 Killo- gramme	Per Killo- gramme

Terms and conditions:-

- a) Cement will be issued @ Rs.303/-per bag from Departmental Divisional store Differpat.
- b) Steel will be issued @ Rs.4800/-per quintal to the contractor from Divisional store.
- c) Crushed stone aggregate and mechanically mixture concrete shall be used.
- d) The work shall be completed with in stipulated period.
- e) Required No. of test cubes of cement concrete 1:2:4 (1 cement:2 sand:4 graded stone agg. of 20 mm nominal size) from site shall be collected for random testing of their
- f) Conditional and telegraphy tender are liable to be rejected.
- g) All pages of the tender from must be signed before submitting the tender falling which
- h) The work shall be executed as per IPH/HPWD specification and relevant IS codes to
- i) The security, income tax, sale tax and surcharge and labour welfare cess if any shall deducted from each running bill of the contractor/firm as applicable.
- j) All necessary documents such as income tax clearance certificate, renewal of registration, CST/GST nos shall have to be produced by the contractor/firm before
- k) The offer shall be valid fore 120 days from the date of the opening of the tender.
- l) The rate of all item should be inclusive of all taxes, duties, levies, carriage of material
- m) Any damages caused to any public and private property during the course of execution of work shall be restored by the contrctor and if, not done within a reasonable time then
- n) Nothing shall be paid for the rejected work/material.
- o) The contractor shall be fully responsible for watch and ward of material at the site of

*** SCHEDULE OF QUANTITY ***

Estimated cost:- Rs 376951.00

Name of work:- Providing water supply scheme PC habitation of census village Brahan under water supply Brahan, Lulani, Thatwal Thathji under WSS Thatwal Thathi and village Bharag under WSS Sansal in Tehsil Baijnath District Kangra(HP).
(SH)Construction of 3 numbers Intake chamber, reinforcement cement concrete under ground storage tank of 10000 litres capacity at node no

Earnest money:- Rs 7540.00

Time :- Three months

Sr. No.	Description of items.	Qty.	Rate in		Unit	Amount.
			Figure	Words.		
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	46.70 cubic metre			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	1.14 cubic metre.			Per cubic metre	
2	Providing and laying cement concrete 1:3:6 (One cement is to three sand is to six 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	5.71 cubic metre.			Per cubic 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:-					
(a)	Foundation,footings bases of column and the like mass concrete within all leads and lifts as per the direction of Engineer-in-charge.	4.78 cubic metre			Per cubic metre	
(b)	Walls (any thickness) butt not less then 0.10 metre thickness) attached pillasters, buttresses, plinth and string courses etc. from top of foundation up to floor two level with in all leads and lifts as per the direction of Engineer-in-charge.	15.35 cubic metre			Per cubic metre	
5	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	2.33 cubic metre			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 surfaces such as walls(any thickness)partitions walls and the like including attached pillasters,buttreses plinth string courses and the like within all leads and lifts as per the direction of Engineer-in-charge.	159.98 square metre			Per square metre	
b)	Flat surfaces such as soffits of suspended floors,roofs,landings and the like floors etc.upto 200 milimetre in thickness within all leads and lifts as per the direction of Engineer-in-charge.	18.28 square metre			Per square metre	
c)	Edges of slab and breaks in floor and walls under 20 centimetre in wide within all leads and lifts as per the direction of Engieer-in-charge.	29.95 running metre			Per running metre	
7	Providing and 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.	2388.06 Killo- gramme			Per Killo- gramme	

8	Laying and jointing in trenches galvanised mild steel tubes,tube fitting (Light grade) of various dia. (Earth work in trenches to be measured and paid for separately) within all		
	a) 50 milimetre dia.	36.00 running metre	Per running metre
	b) 100 milimetre dia.	18.00 running metre	Per running metre
9	Providing and fixing cast iron sluice valve (Scour valve) of Kirloskar make with hand wheel of following dia and flange table with flange as per IS-780 class upto 300		
	a) 50 milimetre dia.	6.00 number	Each
	b) 100 milimetre dia.	3.00 number	Each
10	Manufacturing, fabrication & fixing of mosquito proof ventilation 800 mm height and 300 mm dia cover with dome roofing of M.S. sheet 2 mm thick , G.I mesh along	3 Number	Each
11	Manufacturing, febrication & fixing of M.S. man hole cover of 0.60x.60 m size made of M.S. Sheet 2.0 mm thick with M.S. angle 35x35x5mm thick with hinges one side and	3 Number	Each
12	Providing 200 milimetre wide cast iron rungs with chequered or ribbed non slip surface including fixing in manholes with 200 x 200 x 100 milimetre cement concrete 1:3:6 (One cement is to three sand is to six graded stone aggregate 20 milimetre nominal	45 Number	Each

Terms and conditions:-

- a) Cement will be issued @ Rs.303/-per bag from Divisional store Differpat.
- b) Steel will be issued @ Rs.4800/- per quintal to the contractor from Divisional store
- c) G.I. pipe will be issued free of cost to the contractor from Divisional store Differpat.
- d) The work should be carried out as per specifications.
- e) Nothing shall be paid for the rejected work/material.
- f) Crushed stone aggregate shall be used.
- g) Concrete mixing shall be done with mechanical mixture.
- h) Vibrator shall be used at the time of concreting.
- i) The excavation shall cover all type of soil and rocks involved at site including cutting by chieselling where involved. No blasting will be permitted.
- j) The outlet pipe shall be placed 15 centimetre above the floor level to provide a space for sediments to settle. The outlet pipe shall be provided with a strainer of perforated
- k) Royalty, sales tax,octrai etc. will be born by the contractor and proof there os shall have to be given without which no payment shall be done.
- l) The contractor shall be fully responsible for watch and ward of material at the site of work and in case of any theft or loss the recovery shall be made at the double cost of
- m) The rates are inclusive of carriage of all material to the site of work in all leads and lifts.
- n) The work shall be completed with in stipulated period.