

*** SCHEDULE OF QUANTITY ***

Estimated cost:- Rs 365895.00

Name of work:- Providing water facility to lower Menjha Ward No. 5 in gram panchayat in Tehsil Palampur District Kangra(HP).

Earnest money:- Rs 7320.00

(SH) Laying, jointing and testing of galvanised iron pipe of 80 milimetre dia at RD 2800 to 5800 = 3000 running metre).

Time :- Three months

Sr. No.	Description of items.	Qty.	Rate in Figure Words.	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 etc.consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth as directed by the Engineer-in-charge within all leads and lifts.	841.94 cubic metre		Per cubic metre	
2	Laying and jointing in trenches galvanised mild steel tubes,tube fitting(Light grade) of 65 milimetre dia.(Earth work in trenches to be measured and paid for separately)within all leads and lifts as per the direction of Engineer-in-charge.				
	a) 80 milimetre dia	3000.00 running metre		Per running metre	

Terms and conditions:-

- a) G.I. pipes will be issued free of cost to the contractor from Divisional store Differpat.
- b) Nothing shall be paid for the rejected work/material.
- c) The work should be carried out as per specifications.
- d) The work shall be completed with in stipulated period.
- e) Material should be ISI marked.
- f) The work should be executed as per recommendation of CPHEEO manual as water supply.
- g) Statement of length where pipe is not buried under ground due to rocky strata shall be attached with every bill for the inspect of Engineer-in-Charge

*** SCHEDULE OF QUANTITY ***

Estimated cost:- Rs 216366.00

Name of work:- Annual repair and maintenance to Augmentation of Water Supply Scheme Paprola in Tehsil Baijnath District Kangra(HP).
(SH) Providing and placing of filter media in filter unit-III).

Earnest money:- Rs 4330.00

Time :- Three months

Sr. No.	Description of items.	Qty.	Rate in		Unit	Amount.
			Figure	Words.		
1	Excavation of filter media from existing filter bed Unit-III as per the direction of Engineer-in-Charge.	61.23 cubic metre			Per cubic metre	
2	Providng and placing in horizontal layer dry bricks in two layer within all leads and lifts as per the direction of Engineer-in-Charge	560 Number			Each	
3	Providing and laying cement concrete 1:2:4 (One cement is to two sand is to four graded stone aggregate 20 milimetre nominal zie) and curing complete excluding the cost of form work and reinforcement cement 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.	2.45 cubic metre			Per cubic metre	
4	Providng and placing new filter media in horizontal layers filtering media dully graded,					
a)	Tor layer:- Find sand (Eff. Size 0.20 milimetre to 0.40 milimetre and uniformity co-efficient 2.00 to 3.00	7.36 Cubic metre			Per cubic metre	
b)	Second layer:- Coursed sand screened cleaned washed and graded from 3 milimetre to 6 milimetrre	4.90 Cubic metre			Per cubic metre	
c)	Third layer:- Bajri coursed washed screened and graded from 6 milimetre to 20 milimetrre	4.90 Cubic metre			Per cubic metre	
d)	Fourth layer:- Bajri coursed screened washed and graded from 20 milimetre to 25 milimetrre	7.36 Cubic metre			Per cubic metre	
e)	Bottom layer:- Broken stone screened washed and graded from 50 milimetre to 75 milimetrre	36.78 Cubic metre			Per cubic metre	

Terms and conditions:-

- The work should be carried out as per specifications.
- Nothing shall be paid for the rejected work/material.
- The work shall be completed with in stipulated period.
- Before placing the filter media in filter bed, the sieve analysis of sand shall be got done
- Fine sand should be used of approved quarry.

*** SCHEDULE OF QUANTITY ***

Estimated cost:- Rs 129737.00

Name of work:- Providing water supply scheme to schedule cast habitation for village Ghuggar Tanda in Tehsil Palampur District Kangra(HP).
(SH) Painting and distempering on 2 Nos over head tank and construction of ladder to over head tank at Ram Chowk).

Earnest money:- Rs 2600.00

Time :- Three months

Sr. No.	Description of items.	Qty.	Rate in		Unit	Amount.
			Figure	Words.		
1	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete within all leads and lifts as per the direction of Engineer-in-charge .	488.66			Per Square metre	
2	Finishing wall with water proofing cement paint of approved brand and manufacture and of required shade on undecorated wall surface (two coats) to give an even shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materisls within all leads and lifts as per the direction of Engineer-in-charge .	488.66			Per Square metre	
3	Painting two coat (Excluding priming costs) on new steel and other metal surfaces with enamel paint other than white paint brushing to give an any shade including cleaning the surfaces of all dirt, dust and other foreign matters within all leads and lifts as per the direction of Engineer-in-charge .	50.95			Per Square metre	
4	Steel work welded in built up sections,trusses and framed work including cutting,hoisting and fixing in position and applying a priming coat of red lead paint in gratings,framed guard bars,ladders,railing,brackets and similar type of work within all	4.29			Per Quantal	
5	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	55.08			Per cubic metre	
6	Laying,jointing and testing of bevelled ended galvanised iron pipe (Medium class) with a) 100 milimetre dia	100.00			Per running metre	
7	Laying and jointing in trenches galvanised mild steel tubes,tube fitting(Light grade) of a) 50 milimetre dia b) 32 milimetre dia	270.00 12.00			Per running metre Per running metre	
8	Providng and fixing double flanged cast ironsluice valve of following dia of Kirloskar/Bir a) 100 milimetre dia b) 50 milimetre dia	3.00 1.00			Each Each	

	c) 32 milimetre dia	1.00	Each
		Number	
9	Providng and fixing 500 milimete dia SFRC man hole cover with frame. The weight of cover and frame should not less than 100 Killogramme within all all leads and lifts as	1.00	Each
		Number	
10	Providng and fixing mosquito proof ventilatore 600 mm dia within all all leads and lifts as per the direction of Engineer-in-charge.	1.00	Each
		Number	

Terms and conditions:-

- a) The work should be carried out as per specifications.
- b) Nothing shall be paid for the rejected work/material.
- c) Crushed stone aggregate shall be used.
- d) The work shall be completed with in stipulated period.
- e) Concrte mixing shall be done with mechanical mixture.
- f) Vibrator shall be used at the time of concreting.
- g) The work shall be completed with in stipulated period.
- h) The contractor shall be responsible for watch and ward of material in case of any theft
- i) Statement of length where pipe is not buried under ground due to rocky strata shall be
- j) G.I. pipes will be issued free of cost to the contractor from Divisional store Differpat.

*** SCHEDULE OF QUANTITY ***

Estimated cost:- Rs 126128.00

Name of work:- Annual repair and maintenance of Water Supply Scheme Menjha in Tehsil Palampur District Kangra(HP).
(SH) Construction of panel fencing around the under ground storage tank at Bundla).

Earnest money:- Rs 2530.00

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	5.40			Per cubic metre	
2	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 curring complete excluding the cost of form work in retaining wall/wrist wall with size of plum shall usually be 150mm to 300 mm as per HPPWD specification within all leads and	8.52			Per cubic metre	
3	Brick work using common burnt clay building bricks in foudnation in cement mortar 1:3 (One cement is to three sand) within all leads and lifts as per the direction of Engineer-in-charge.	14.51			Per cubic metre	
4	Fixing of fencing panel of size 6x4 (1.80x1.25 metre) including masonary pillars and bore wall etc. panel are made of wire mesh of 10 gauge wire and size of mesh 30	40.00			Each	
5	Providing and fixing mild steel gate manufactured with angle iron of zie 50x50x5 milimetre thick complete in all respect within all leads and lifts as per the direction of Engineer-in-charge.	50.00			Per Killo gramme	
6	Applying primingn coat over new steel and othr metal surfaces after and including preparing the surface by thoroughly cleaning oil grease, dirt and other foreign matter and scoured with wire brushes find steel wool scrapers and sand paper complete within	60.00			P/Sqmt.	
7	Painting two coats (excluding priming coat) on new st eel and other metal surfaces with enamel paint, brushing to give an even shade including cleaning the surface all dirt, dust and other foreign matter with ready mixed paint other than white within all leads	60.00			P/Sqmt.	
8	Finishing wall with water proofing cement paint of approved brand and manufacture and of required shade on undecorated wall surface(two coats)to give an even shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered	118.50			P/Sqmt.	

Terms and conditions:-

- Cement will be issued @ Rs. 303/- per bag from Divisional store Differpatt.
- RCC pole will be issued free of cost to the contractor from Divisional store Differpatt.
- The work should be carried out as per specifications.
- Nothing shall be paid for the rejected work/material.
- Crushed stone aggregate shall be used.
- The contractor shall be responsible for watch and ward of material in case of any theft

*** SCHEDULE OF QUANTITY ***

Estimated cost:- Rs 336169.00

Name of work:- Construction of Flow Irrigation Scheme Garuhl kuhl in Gram Panchayat Banuri, Holta, Banuri Khas, Moli chak and Band Vihar in Tehsil Palampur District Kangra(HP).
(SH) Construction of reinforcement cement concrete channel from RD 4870 to 5020=150, C/O 1 No outlet).

Earnest money:- Rs 6730.00

Time :- Six 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	2.16 cubic metre			Per cubic metre	
2	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 earthwithin all leads andn lifts as per direction of Engineer-in-charge.	34.20 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 within all leads and lifts as per the direction of Engineer-in-charge.	10.31 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 basis of columns and mass concrete within all leads and lifts as per the direction of Engineer-in-charge.	15.90 Cubic metre			Per cubic metre	
b)	Walls (any thickness) but not less then 0.10 metre thickness) attached pillasters, buttreses plinhand string courses etc from top of foundation up to floor two level within all leads and lifts as per the direction of Engineer-in-charge.	18.75 Cubic metre			Per 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)	Verticle 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.	337.50 Square metre			Per square metre	
6	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.	1350.00 Killo- gramme.				
7	Square rubble masonry coursed with hard stone of approved quality in foundation and plinth inlcuding raking 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.	1.43 cubic metre			Per cubic metre	
8	20 milimetre(twenty milimetre) thick cement concrete topping 1:2:3 (one cement is to two to three graded stone aggregate of sizxe 4.75 milimete below by volume)laid over and finished monolithic with base concrete within all leads and lifts as per the direction	1.80 square metre			Per square metre	

9	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 square metre	Per square metre
10	Providing and laying P.V.C. water stop seal 230x6mm thick 20 metre center to center of expansion cum construction joint within all leads and lifts as per the direction of Engineer-in-charge.	10.50 running metre	Per running metre
11	Providing and fixing ;mild steel plates for 90 V-Notch and gates within all leads and lifts as per the direction of Engineer-in-charge.	9.80 Killo- gramme	Per Killo- gramme

Terms and conditions:-

- a) Cement will be issued @ Rs. 303/- per bag from Departmental Divisional store Differpatt.
- b) Steel will be issued @ Rs. 4800/- per quintal to the contractor from Divisional store Differpatt.
- c) Crushed stone aggregate 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
- 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 specificatin and relevant IS codes to the
- i) The security, income tax, sale tax and surcharge and labour welfare cess if any shall be
- j) All necessary documents such as income tax clearance certificate, renewal of
- k) The offer shall be valid for 120 days from the date of the opening of the tender.
- l) The rate of alla item should be inclusive of all taxes, duties, levies, carriage of material
- m) Any damages caused to any public and privat property dring the course of execution of
- 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 work.