



Himachal Pradesh
Public Works Department

No.PW-BHNR-B&R/EA-I-Tender-NIT/2023-24-7165-10
To

Dated: - 18/11/2023

The Executive Engineer,
IT Cell, HP.PWD; Shimla - 171002.

Subject: - Publication of Notice Inviting Tender.

Sir,

I am enclosing herewith the "Notice Inviting Tender" along with **Schedule of Quantity** for favour of information and necessary action. The work attached in list is very urgent nature. It is requested that the same may kindly be got published.

Encl: - As above

Executive Engineer,
Karchham Division
HP.PWD Bhabanagar

Copy forwarded to the following for favour of information & necessary action: -

1. Chief Engineer (SZ), HP.PWD; Shimla - 171002.
2. Superintending Engineer, 11th Circle, HP.PWD; Rampur Bushahr.
3. All the Assistant Engineers, working under this Division.
4. Drawing Branch of this office
5. Notice Board of this office.

Encl: - 1 No.

Executive Engineer,
Karchham Division
HP.PWD Bhabanagar

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

***NOTICE INVITING TENDER**

Scaled Item rate tenders on PWD form No. 6&8 are invited by the **Executive Engineer, Karchham Division, HP.PWD; Bhabanagar** on behalf of the Governor H.P. for the following works reach in the office of the Executive Engineer, Karchham Division, HP.PWD; Bhabanagar on **28.11.2023** up to **1:30 P.M** and will be opened on the same day at **3:00 P.M** in the presence of the intending Contractors or their authorized representatives. The tender form can be had from the office of the **Executive Engineer, Karchham Division, HP.PWD; Bhabanagar** against cash payment (Non Refundable) on the **same day** during office hours **11:00 A.M to 12:00 P.M**. The application for obtaining the tender forms will be received on the **same day** up to **11:00 A.M**. The earnest money in the shape of fresh FDR/NSC, duly pledged in favour of undersigned must be submitted with the application for issue of tender form. **The earnest money should be submitted separately for each work.** The copy of **valid enlistment** and renewal certificate shall be attached with application form. The ambiguous/telegraphic/conditional/fax/e-mail or by post tender will also not be entertained/considered in any case. The offer of the tender shall remain open 90 days from the date of opening of the tenders. The undersigned reserves the right to reject/cancel the tenders without assigning any reason: -

Sr. No	Name of Work.	Estimated Cost (In Rs.).	Earnest Money.	Time limit.	Cost of form.	Eligibility of Contractor.
1	C/O road from Sangla Bridge to Boning Saring Km. 0/00 to 2/900 (Sub Head:- C/O B/wall in wire crate at R.D 0/023 to 0/065)	477367	9600	Two months	Rs.350/-	Class - "D".
2	C/O road from Sangla Bridge to Boning Saring Km. 0/00 to 2/900 (Sub Head:- C/O R/wall in wire crate at R.D 0/00 to 0/015)	412637	8300	Two months	Rs.350/-	Class - "D".
3	C/O link road from Odarang to Matigoda Km 0/00 to 1/960 (Sub Head:- C/O B/wall at R.D 0/950 to 0/974)	495522	9900	Two months	Rs.350/-	Class - "D".
4	A/R & M/O on Karchham Sangla Chhitkul road Km 0/00 to 41/500 (Sub Head:- Cutting for additional width of road at R.D 10/240 to 10/285)	493943.00	9900	Two months	Rs.350/-	Class - "D".
5	R/R damages on Shong to Brua road Km 0/00 to 5/800 (SH:- C/O C.C. covering for Brua side abutment of bridge at Rd. 0/255).	190852.00	3900	Two months	Rs.350/-	Class - "D".
6	R/R damages on Chhitkul Dumti road Km 0/00 to 20/750 (SH:- Hiring of hydraulic excavator (L& T200) in working condition for removal of landslides/ slips/debris at Rd. 0/00 to 13/700).	500000.00	10000	One month	Rs.350/-	Class - "D".
7	R/R damages on Chhitkul Dumti road Km 0/00 to 20/750 (SH:- Hiring of hydraulic excavator (L& T200) in working condition for removal of landslides/ slips/debris at Rd. 13/700 to 15/240).	500000.00	10000	One month	Rs.350/-	Class - "D".
8	Reconstruction of foot bridge over Baspa river at Chunang (Sub Head:- C/O super structure for foot bridge) Phase-I	467884.00	9400	Two months	Rs.350/-	Class - "D".

9	Reconstruction of foot bridge over Baspa river at Chunang (Sub Head:- C/O super structure for foot bridge) Phase-II	236735.00	4800	Two months	Rs.350/-	Class - "D".
10	Reconstruction of foot bridge over Baspa river at Chunang (Sub Head:- P/Fixing structural steel for super structure of foot bridge) Phase-I	490621.00	9800	Two months	Rs.350/-	Class - "D".
11	Reconstruction of foot bridge over Baspa river at Chunang (Sub Head:- P/Fixing structural steel for super structure of foot bridge) Phase-II	490621.00	9800	Two months	Rs.350/-	Class - "D".
12	C/O balance work of Bus Stand at Nichar Distt. Kinnaur (H.P.) (SH:- P/F painting, interlocking paver and W.S.& S.I. to Bus Stand at Nichar)	498868/-	10000	Two months	Rs.350/-	Class - "D".

GENERAL TERMS AND CONDITIONS: -

1. In case office happens to closed on any of the above mentioned dates, the tenders will be opened on the next working day at same time and venue.
2. The Contractor/firms are required to quote their rates clearly both in words as well as in figures, failing which tenders are likely to be rejected.
3. No person/persons shall be allowed to give the documents with regard to tender unless he/they hold/holds the power of attorney duly registered under law.
4. The tender of those Contractors who are registered under HP Central Sales Tax Act, 1969, GST and who have been cleared all the dues on account of tax will be entertained.
5. The competent authority on behalf of Governor of HP reserves the right to reject any or all the tenders received without assigning any reason.
6. Authorized Firms/Contractor approved by HPPWD Civil will participate in Specialized Job only.

Executive Engineer,
Karchham Division,
HP.PWD, Bhabanagar.

Draft Schedule of Quantity

Job-

477367.00

9600/-

Two Months

Estimated Cost:-

Earnest Money:-

Time:-

Name of work:- C/O road from Sangla bridge to Bonning Saring Km 0/0 to 2/900

Sub Head:-C/O breast wall in wire crate at RD 0/023 to 0/063)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	72.45	285.00	Rupees three hundred fourty six only	Per cubic metre	20648.00
2	Providing and laying boulder apron laid in wire crates with 4 mm diameter G.I. wire conforming to IS-280 and IS-4826 in 100mmx 100mm (one hundred into one hundred millimetre) mesh (woven diagonally) including 10 % (ten percent) extra for laps and joints laid with stones boulders weighting not less than 25 kg. (twenty five kilogram) each as per drawing and technical specifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	141.75	3222.00	Rupees three thousand two hundred twenty two only	Per cubic metre	456719.00
					Total	477367.00

Draft schedule of quantity approved for 477367.00

Executive Engineer,
Karchham Division,
HPPWD., at Bhatla Nagar.

Draft Schedule of Quantity

Estimated Cost:-
Earnest Money:-
Time:-

Job-
412637.00
8300/-
Two Months

Name of work:- C/O road from Sangla bridge to Bonning Saring Km 0/0 to 2/900
Sub Head:-C/O retaining wall in wire crate at RD 0/00 to 0/015)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottom and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	48.82	285.00	Rupees two hundred eighty five only	Per cubic metre	13914.00
2	Providing and laying boulder apron laid in wire crates with 4 mm diameter G.I. wire conforming to IS:280 and IS:4826 in 100mmx 100mm (one hundred into one hundred millimetre) mesh (woven diagonally) including 10 % (ten percent) extra for laps and joints laid with stones boulders weighting not less than 25 kg. (twenty five kilogram) each as per drawing and technical specifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	123.75	3222.00	Rupees three thousand two hundred twenty two only	Per cubic metre	398723.00
					Total	412637.00

Draft schedule of quantity approved for 412637.00

Executive Engineer,
Karchham Division,
HPPWD., at Bhabha Nagar.

Draft Schedule of Quantity

Job-3

495522.00

9900/-

Two Months

Estimated Cost:-

Earnest Money:-

Time:-

Name of work:- C/O Odarang to Mailgoda road Km. 0/0 to 1/960

Sub Head:- C/O Bwall at RD 0/950 to 0/974)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of slumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	44.88	285.00	Rupees two hundred eighty five only	Per cubic metre	12791.00
2	Providing and laying ceent 1:5.12 (one cement : six sand: twelve graded stone aggregate 40mm (forty millimeter) nominal size for plain reinforced concrete in open foundations complete as per drawings and technical specification clauses 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	9.38	4198.00	Rupees four thousand one hundred ninety eight only	Per cubic metre	39377.00
3	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for structure like retaining walls, breast walls wing walls, toe walls, abutment and similar works etc. in all heights complete as per drawing and technical specification clauses 702, 704, 1202 & 1204 and curing complete including carriage of materials in all leads lifts as per the entire satisfaction and direction of Engineer-in-Charge.	85.05	5148.20	Rupees five thousand two hundred eighty eight only	Per cubic metre	437854.00
4	Providing weep holes in brick masonry/stone masonry/plain reinforced concrete abutment wing wall, return wall with 100mm (One hundred millimetre) dia PVC pipe extending through the full width of the structures with slope of 1 (v) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12 04 3.7 within all leads and lifts and as per direction of Engineer-in-charge.	22.00	250.00	Rupees two hundred fifty only	Each	5500.00
					Total	495522.00

Draft schedule of quantity approved for 495522.00

Executive Engineer,

Karchham Division,

HPPWD at Bhaba Nagar.

Draft Schedule of Quantity

Job-21
 Estimated Cost- 493944.00
 Earnest Money- 9900/-
 Time- Two Months

Name of work- A/R and M/O on KSC road Km 0/0 to 41/50
 Sub Head- Cutting Of additional width of road at RD 10/240 to 10/285)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Cutting in earth work in all depths and heights in hard rock with chiselling and wedging out of rock (where blasting is prohibited), or setting out to the required lines grades, side slopes, trimming of bottom and levels as shown on the drawing and as directed by the Engineer-in-charge at site according to the HPPWD specification of 1990 volume-1 and sorting of useful and unuseful materials and stacking the useful material along road side which shall not be less than 742.02 cubic metre failing which recovery @ Rs. 300/- per cubic metre shall be effected and transportation of the un useful material for filling in roadway embankments for grade improvement and level to required grades and then disposing off all surplus excavated material in acquired width of the road or on approved dumping site through all modes of transportations including head load, animal loads or mechanical means along with its levelling and fine dressing and carriage of all labour machinery, materials, tools, equipments and safety measured and other incidentals necessary to complete the work by mechanical means and or labor (if any required complete as per the direction of Engineer-in-Charge). Any loss to the public and private property during the course of execution and transportation of useful and un useful materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him to full extent complete in all respects and in all cases.	2682.00	184.17	Rupees one hundred eighty four and paise seventeen only	Per cubic metre	493944.00
					Total	493944.00

Draft schedule of quantity approved by 493944/-

[Signature]
 Executive Engineer,
 Karchham Division,
 HPPWD, at Bhaba Nagar.

Draft Schedule of Quantity

Job-5
190852.00
3800/-
Two Months

Estimated Cost:-
Earnest Money:-
Time:-

Name of work:- R/R damages on Shong to Brua road Km 0/00 to 5/800
Sub Head:- C/O C.C covering for Brua side abutment of bridge at 0/255)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Providing and laying plain cement concrete M-10 (ten) grade nominal mix 1:3:6 (one cement : three sand : six graded stone aggregate 40 mm (forty millimetre) nominal size) in open foundations and plinths as per drawings and technical specification for rural roads clause 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	31.54	6051.10	Rupees six thousand fifty one and paise ten only	Per cubic metre	190852.00
					Total	190852.00

Draft schedule of quantity approved for ₹ 190852.00

Executive Engineer,
Karcham Division,
HPPWD at Bhaba Nagar.

Draft Schedule Of Quantity

Estimated Cost :- 500000.00
Earnest Money:- 10000/-
Time:- 15 Days

Name Of work:- R/R damages on Chhitkul Dumtli road Km 0/00 to 20/750.

Sub Head:- Hiring of hydraulic excavator (L & T 140) in working condition for remove of land slids/ slips/ debris at various RDs in between 0/00 to 13/700

S.No	Description Of Items	Qty.	Rate		Unit	Amount
			In figer	In Words		
1	Hiring of one No. Hydraulic excavator (L & T 140) in working condition Hyundai /L&T make (excavation bucket with 360 digree rotation) on hire charges basis of the site of work for removal of slips, land slids and debris in all classification of soil dressing of borms, filling of depression and filling behind R/ wall etc. and their loading with free of cost i/c P.O.L. opration staff , repair charges of machinery etc. The actual working hour shall be counted for payment. Any damages to the private / public property during the excavation shall be the absolutely responsibility of the owner. The work shall be excuted as per the entire satisfaction and direction of Engineer-in charge with in all leads lifts complete in all respect.	125.00	4000.00	Rupees fourthousand only	Per hours	500000.00
Total						500000.00

Total

Draft schedule of quantity approved for ₹ 500000/- net

Executive Engineer
Karchham Division
HPPWD at Bhabanagar

J.D. H.O.B

Draft Schedule Of Quantity

Estimated Cost :- 500000.00
 Earnest Money:- 10000/-
 Time:- 15 Days

Job No. 7

Name Of work:- R/R damages on Chhitkul Dumtil road Km 0/00 to 20/750.
 Sub Head:- Hiring of hydraulic excavator (L & T 140) in working condition for remove of land slides/ slips/ debris at RD. 13/700 to 15/240

S.No	Description Of Items	Qty.	Rate		Unit	Amount
			In figer	In Words		
1	Hiring of one No. Hydraulic excavator (L & T 140) in working condition Hyundai J.L&T make (excavation bucket with 360 degree rotation) on hire charges basis of the site of work for removal of slips, land slides and debris in all classification of soil dressing of berms, filling of depression and filling behind R/ wall etc. and their loading with free of cost i/c broken for breaking lounge boulder including P.O.L. opration staff , repair charges of machinery etc. The actual working hour shall be counted for payment. Any damages to the private / public property during the excavation shall be the absolutely responsibility of the owner. The work shall be excuted as per the entire satisfaction and direction of Engineer-in-charge with in all leads lifts complete in all respect	125.00	4000.00	Rupees four thousand only	Per hours	500000.00
	Total					500000.00

Draft schedule of quantity approved for 500000/-

Executive Engineer
 Karchham Division
 HPPWD at Bhabanagar

Draft Schedule of Quantity

Job- 8

467884.00

9400/-

Two Months

Estimated Cost -
Earnest Money -
Time -

Name of work: -Reconstruction of foot bridge over Baspa River at Chunang
Sub Head:- C/O super structure of foot bridge Phase -I

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Providing filling and fixing G.I pipe 40 mm dia railing complete as epr drawing and technical specifications clause 1208.2 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	65.20	4742.60	Rupees four thousand seven hundred forty two and paise sixty Only	Per Running metre	309218.00
2	Providing and fixing wire ropes and accessories suspension bridge hosting stretching to specified profile and re-anchoring of wire rope for suspension bridge as per drawing and technical specifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	8.48	7042.75	Rupees seven thousand fourty two and paise seventy five Only	Per Quantal	59723.00
3	Providing and laying structural steel for super structure complete including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	1.10	70701.60	Rupees seventy thousand seven hundred one and paise sixty Only	Per metric Tonne	77772.00
4	Providing and fixing in position steel accessories like clamp, suspender, rope grips, U- bolts, anchorage bolts, with pulleys etc along with fixtures for a suspension bridge including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	5.01	4225.65	Rupees four thousand two hundred twenty five and paise sixty Only	Per Quantal	21171.00
					Total	467884.00

Draft schedule of quantity approved for 467884/-

Executive Engineer,
Kanchham Division,
HPPWD at Bhaba Nagar.

Executive Engineer,
Kanchham Division,
HPPWD at Bhaba Nagar.

Draft Schedule of Quantity

Job- 9

Estimated Cost:-
Earnest Money:-
Time:-

236735.00
4800/-
Two Months

Name of work:- Reconstruction of foot bridge over Baspa River at Chumang
Sub Head:- C/O super structure of foot bridge Phase-I

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Plain reinforced cement concrete in super structure complete as per drawing and technical specifications clause 802, 804, 805, 806, 807, 1202 and 1204 for all heights including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	4.13	14780.30	Rupees fourteen thousand seven hundred eighty and paise thirty Only	Per cubic metre	61043.00
2	Providing and laying RCC in sub-structure in bed block as per drawing and technical specifications clause 802, 804, 805, 806, 807, 1202 and 1204 for all heights including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	1.69	12587.30	Rupees twelve thousand five hundred eighty seven and paise thirty Only	Per cubic metre	21273.00
3	Supplying, lifting and placing TMT bar reinforcement (Fe 415) in sub-structure complete 102, 1005, 1010 and 1202 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	0.26	119315.40	Rupees one lacs nineteen thousand three hundred fifteen and paise forty Only	Per Tonne	31022.00
4	Dismantling steel work in all types of sections upto all heights above plinth level excluding cutting of rivets as per drawing and technical specifications clause 202 including dismembering of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	4.94	3425.40	Rupees three thousand four hundred twenty five and paise forty Only	Per Tonne	16921.00
5	Providing and fixing mild steel round holding down bolts with nuts and washers complete 16 mm dia in position including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	6.23	120.4	Rupees one hundred twenty and paise forty Only	Per kilogram	750.00
6	Providing and fixing in position steel accessories like clamp, suspender, rope grips, U-bolts, anchorage bolts, with pulleys etc along with fixtures for a suspension bridge including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	4.17	25353.9	Rupees twenty five thousand three hundred fifty three and paise ninety Only	Per Tonne	105726.00
					Total	236735.00

Draft is checked by Quantity approved by 236735.00

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

Draft Schedule of Quantity

Job-10

Estimated Cost:-
Earnest Money:-
Time:-

490621.00
9900/-
Two Months

Name of work:-Reconstruction of foot bridge over Baspa River at Chunang
Sub Head:- C/O super structure of foot bridge Phase -I

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Providing structural steel for super structure complete as per drawing and technical specifications including cartilage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	2.78	175482.30	Rupees one lacs seventy six thousand four hundred eighty two and paise thirty Only	Per metric tonne	490621.00
					Total	490621.00

Draft schedule of Quantity, approved for ₹ 490621.00

[Signature]
Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

Draft Schedule of Quantity

Job- II

Estimated Cost:-

490621.00

Earnest Money:-

9900/-

Time:-

Two Months

Name of work:-Reconstruction of foot bridge over Baspa River at Chunang

Sub Head:- C/O super structure of foot bridge Phase -II

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Providing structural steel for super structure complete as per drawing and technical specifications including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	2.78	176482.30	Rupees one lacs seventy six thousand four hundred eighty two and paise thirty Only	Per metric tonne	490621.00
					Total	490621.00

Draft schedule of Quantity, approved for 490621.00

Executive Engineer,

Karchham Division,

HPPWD at Bhaba Nagar.

Draft Schedule of Quantity

Job No- 12

Estimated Cost :- 469429.00
Earnest Money :- 9500.00

Name of Work:- Construction of Balance work of Bus Stand at Nichar, Distt Kinn
(SH:- P/f Painting, interlocking pavers and WS and SI to Bus stand at Nichar,
Distt Kinnaur H.P.)

Time Period :- Two Month

Sr. No	Description of Item	Qty	Unit	Rate		Amount
				In Figures	In Words	
1	Providing and fixing 1.00 mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc complete within all leads and lifts & as per the direction of engineer in charge.	22.170	sqm	637.40	Rupees six hundred thirty seven and paise fourty only	14131.00
2	Providing and fixing M.S. grills of require pattern in wooden frames of windows etc. with M.S. Flats, square or round bars with round headed bolts and nuts or by screws. In Plain grill within all leads and lifts & as per the direction of engineer in charge.	719.220	kg	75.50	Rupees seventy five and paise fifty only	54301.00
3	Providing and fixing Stainless steel sliding door bolt anodized colour and shade with bolts and nuts screws etc. complete. within all leads and lifts & as per the direction of engineer in charge. i) 300x16mm ii) Providing and fixing Stainless steel sliding door bolt anodized colour and shade with bolts and nuts screws etc. complete. within all leads and lifts & as per the direction of engineer in charge. ii) 250x16mm	12.000	Each	173.10	Rupees one hundred seventy three and paise ten only	2077.00
		4.000	Each	159.80	Rupees one hundred fifty nine and paise eighty only	639.00
4	Providing and fixing Stainless steel tower bolts (berrel type) trans parent or dyed to required shade and colour with screws etc. complete. within all leads and lifts & as per the direction of engineer in charge. i) 250x10mm ii) Providing and fixing Stainless steel lower bolts (berrel type) trans parent or dyed to required shade and colour with screws etc. complete. within all leads and lifts & as per the direction of engineer in charge ii) 200x10mm	26.000	Each	70.05	Rupees seventy and paise zero five only	1821.00
		250.000	Each	56.50	Rupees fifty six and paise fifty only	14125.00

5	Providing and fixing Stainless steel handles anodized transparent or dyed to required colour shade with necessary screws etc. complete. within all leads and lifts & as per the direction of engineer in charge i) 125 mm	24.000	Each	32.40	Rupees thirty two and paise forty only	778.00
	ii) Providing and fixing Stainless steel handles anodized transparent or dyed to required colour shade with necessary screws etc. complete. within all leads and lifts & as per the direction of engineer in charge ii) 100 mm	125.000	Each	25.50	Rupees twenty five and paise fifty only	3188.00
6	Providing and fixing 75mm x60mm moulded hand rails in straight length complete. In 1st class deodar wood within all leads and lifts & as per the direction of engineer in charge	15.000	Rmt	557.10	Rupees five hundred fifty seven and paise ten only	8357.00
7	P/F Hydraulic Door Closer within all leads and lifts & as per the direction of engineer in charge	6.000	Each	1800.00	Rupees six hundred thirty seven and paise forty only	10800.00
8	P/F Door Stopper for Doors within all leads and lifts & as per the direction of engineer in charge	16.000	Each	550.00	Rupees five hundred fifty only	8800.00
9	Applying priming coat on new steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matters in Enamel paint other than white within all leads and lifts & as per the direction of engineer in charge	18.040	sqm	17.15	Rupees seventeen and paise fifteen only	309.00
10	Painting two coats (excluding priming cost on new steel and other metal surfaces with enamel paint brushin to give an even shade including cleaning the surface of all dirt, dust and other foreign matters in Enamel paint other than white within all leads and lifts & as per the direction of engineer in charge	18.040	sqm	36.10	Rupees thirty six and paise ten only	651.00
11	Applying priming coat over new wood and wood based surfaces after and including prepering the surface by thoroughly cleaning oil, grease, dirt and other foreign matters sand papering and knotting. Readymixed paint brushing with white lead for priming. In Readymixed paint brushing wood primer pink within all leads and lifts & as per the direction of engineer in charge	47.100	sqm	20.75	Rupees twenty and paise seventy five only	977.00

12	Painting two coats(excluding priming coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt,dust and other foreign matter ,sand papering & stoping With enamel paint other than white within all leads and lifts & as per the direction of engineer in charge	47,100	sqm	37.90	Rupees thirty seven and paise ninety only	1785.00
13	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matt finish to the surface complete within all leads and lifts & as per the direction of engineer in charge	668,961	sqm	31.80	Rupees thirty one and paise eighty only	21273.00
14	Distemping (two coats) with oil bound washable distemper of approved brand and manufactures and of required shade on undecorated wall surfaces to give an even shade over and including a priming coat with distemper primer of approved brand and manufactures after thoroughly brushing the surface free from mortar dropping and other foreign matter and also including perparing the surface even and sand papered smooth priming coat with distemper primer within all leads and lifts & as per the direction of engineer in charge	406,730	sqm	42.80	Rupees forty two and paise eighty only	17408.00
15	Wall painting (two coats) with premium plastic emulsion paint of approved brand and manufacture on undacorated wall surfaces to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth including applying a putty required for making the surface within all leads and lifts & as per the direction of engineer in charge	262,231	sqm	45.00	Rupees forty five only	11800.00
16	Providing plinth protection 50mm thick in cement concrete 1:3:6 (1 Cement : 3 Sand : 6 Graded stone aggregated 20mm nominal size) within all leads and lifts & as per the direction of engineer in charge within all leads and lifts & as per the direction of engineer in charge	36,900	Sqm	131.60	Rupees onehundred thirty one and paise sixty only	4856.00

17	Providing under layer for plinth protection of 75mm thick (unconsolidated) bed dry brick/stone aggregated 40mm nominal size will rammed and consolidated and grouted with fine sand including preparation of ground within all leads and lifts & as per the direction of engineer in charge within all leads and lifts & as per the direction of engineer in charge	36.900	Sqm	91.20	Rupees ninety one and paise twenty only	3365.00
18	Constructing Course rubble hammer dressed 'U' shape open surface drain with side wall. 15x22 cm in cement mortar 1:8 (1 Cement : 6 Sand) and inside plastering with cement plaster 1:3 (1 Cement : 3 Sand) including earth work and laying 10 cm cement concrete in 1:5:10 (1 Cement : 5 Sand : 10 graded stone aggregate) of 40 mm nominal size and 7.5 cm cement concrete 1:2:4 (1 Cement : 2 Sand : 4 Graded stone aggregate of 20 mm nominal size) and finished with a floating coat of neat cement complete as per standard design. within all leads and lifts & as per the direction of engineer in charge	38.000	Rmt	478.15	Rupees four hundred seventy eight and paise fifteen only	18170.00
19	Providing and laying heavy duty precast cement concrete inter locking paver blocks vibro compacted upto M50 grade i/c border or kurb block grey or coloured over sub-base of concrete with 25mm thick average thickness of cement mortar 1:4 (1 cement : 4 sand) laid over and jointed with neat cement slurry mixed with pigment to match the shade of blocks i/c curing rubbing & polishing complete (Sub base concrete floor to be paid for i) 80mm thick inter locking blocks within all leads and lifts & as per the direction of engineer in charge	76.225	Sqm	1040.60	Rupees one thousand fourty and paise sixty only	79320.00

	ii) Providing and laying heavy duty precast cement concrete inter locking paver blocks vibro compacted upto M50 grade i/c border or kurb block grey or coloured over sub-base of concrete with 25mm thick average thickness of cement mortar 1:4 (1 cement : 4 sand) laid over and jointed with neat cement slurry mixed with pigment to match the shade of blocks i/c curing rubbing & polishing complete (Sub base concrete floor to be paid for (i) 80mm thick inter locking blocks within all leads and lifts & as per the direction of engineer in charge(ii) 40mm thick block	46.640	Sqm	848.10	Rupees eight hundred forty eight and paise tenonly	39555.00
20	P/L 20mm. Dia PPR plastic pipe in trenches tube fittings (earth work in trenches to be measured and paid for separately). within all leads and lifts & as per the direction of engineer in charge	50.00	* Per Rmt.	138.10	Rupees one hundred thirty eight and paise ten only	6905.00
21	P/F 15mm. Nominal bore PPR plastic pipe tube to walls, ceiling and floor (galvanised mild steel tube, medium grade) tube fittings and clamps i/c making good the wall, ceiling and floor within all leads and lifts & as per the direction of engineer in charge	40.00	--do--	166.40	Rupees one hundred sixty six and paise forty only	6656.00
22	Providing and fixing PVC water storage tank of ISI 12701 marked, G.I. inlet and outlet connection, 15mm. Nominal bore ball valve and mosquito proof PVC cover with locking arrangement including hoisting upto all heights above ground level 2000 litres net capacity tank within all leads and lifts & as per the direction of engineer in charge	1.00	Each.	12527.40	Rupees twelve thousand five hundred twenty seven and paise forty only	12527.00
23	P/F PPR plastic Unions for main pipe lines, distribution pipe lines, wash basin etc. 20mm within all leads and lifts & as per the direction of engineer in charge	15.00	Each.	186.35	Rupees one hundred eighty six and paise thirty five only	2795.00
24	P/F 15mm. dia C.P brass bib tap (superior or heavy type) within all leads and lifts & as per the direction of engineer in charge	10.00	Each.	208.10	Rupees two hundred eight and paise ten only	2081.00

25	P/F vitreous china wash basin with single hole for pillar tap with G.I. or M.S. brackets painted white i/c cutting holes and making good the same but excluding fitting with flat back 630 mm. x 450mm. Size. within all leads and lifts & as per the direction of engineer in charge	5.00	Each.	1373.90	Rupees one thousand three hundred seventy three and paise ninety only	6870.00
26	P/F C.P. brass chain 50cm. long and rubber plugs for sink or wash basin 40mm.dia within all leads and lifts & as per the direction of engineer in charge	5.00	Each.	56.30	Rupees fifty six and paise thirty only	282.00
27	P/F 40mm. Dia C.P. brass 'S' trap for wash basin and sink within all leads and lifts & as per the direction of engineer in charge	6.00	Each.	247.30	Rupees two hundred forty seven and paise thirty only	1484.00
28	Providing and fixing C.P. brass stop cocks 15mm. Dia within all leads and lifts & as per the direction of engineer in charge	5.00	Each.	471.00	Rupees four hundred seventy one and only	2355.00
29	P/F chromium plated brass soap dish with C.P. brass brackets fixed to wooden cleats with C.P. brass screws within all leads and lifts & as per the direction of engineer in charge	5.00	Each.	256.00	Rupees two hundred fifty six only	1280.00
30	P/F C.P. brass towel rail complete with C.P. brass brackets fixed to wooden plug with C.P. brass screws 600mm x 20mm within all leads and lifts & as per the direction of engineer in charge	4.00	Each.	392.00	Rupees three hundred ninety two only	1568.00
31	P/F 600 x 450mm. bevelled edge mirror of superior glass mounted on 6mm. thick A.C. sheet or plywood sheet and fixed to wooden plugs with C.P. brass screws and washers within all leads and lifts & as per the direction of engineer in charge	4.00	Each.	854.1	Rupees eight hundred fifty four and paise ten only	3416.00
32	P/F vitreous china bowl pattern urinal i/c connecting the urinal with waste pipe by means of white lead mixed with chopped hamp (waste pipe to be measured and paid for separately) flat back type of size 430 x 260 x 350 mm. within all leads and lifts & as per the direction of engineer in charge	3.00	Each.	873.00	Rupees eight hundred seventy three only	2619.00

33	P/F vitreous china squatting plate pattern urinal of size 450 x 350 mm. with integral longitudinal flush pipe within all leads and lifts & as per the direction of engineer in charge	3.00	Each.	1337.20	Rupees one thousand three hundred thirty seven and paise twenty only	4012.00
34	P/F C.P. brass flush pipe spreaders for urinal with fittings such as unions, clamps etc. (all in C.P. brass) i/c cutting holes and making good the same 15mm. nominal bore within all leads and lifts & as per the direction of engineer in charge	15.00	Per Rmt.	237.1	Rupees two hundred thirty seven and paise ten only	3557.00
35	P/F automatic flushing cistern with a pair of C.I. Or M.S. brackets complete with fittings i/c C.I. syphonic apparatus, mosquito proof lid, C.P. brass unions and coupling for connections with inlet, outlet and overflow pipes i/c cutting holes and making good the same (overflow pipe to be measured and paid for separately) Vitreous china 5 ltr. capacity within all leads and lifts & as per the direction of engineer in charge	4.00	Each.	1218.30	Rupees six hundred thirty seven and paise fourty only	4873.00
36	Providing and fixing 10.0/12.50/15.0 litres vitreous China low level flushing cistern with a pair of C.I. or mild steel brackets, complete with fitting such as lead valve less syphon, 15mm. Nominal size brass ball valve with polythene float, C.P. brass handle, unions and couplings for connections with inlet, outlet and overflow pipes, 40mm. dia C.P. flush bend including cutting holes in walls and making good the same and connecting the flush bend with cistern and closet (overflow pipe to be measured and paid for separately) within all leads and lifts & as per the direction of engineer in charge	4.00	Each.	2040.20	Rupees six hundred thirty seven and paise fourty only	8161.00
37	P/F in position brass mosquito proof coupling for over flow pipe of 25mm. nominal dia (over flow pipe to be measured and paid for separately) within all leads and lifts & as per the direction of engineer in charge	4.00	Each.	27.60	Rupees six hundred thirty seven and paise fourty only	110.00

38	P/F vitreous china wash down water closet squatting pan (Indian type W.C. pan) size 580mm. (earth work, bed concrete, foot rest and trap to be measured and paid for separately). -Orissa pattern within all leads and lifts & as per the direction of engineer in charge	4.00	Each.	987.20	Rupees six hundred thirty seven and paise forty only	3949.00
39	Providing and fixing PVC 'P' or 'S' trap for water closet (squatting pan) ISI marked including jointing the trap with the pan and PVC pipe with approved adhesive etc. complete 110 mm. dia. within all leads and lifts & as per the direction of engineer in charge	4.00	Each.	238.00	Rupees six hundred thirty seven and paise forty only	952.00
40	Providing and fixing PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete 110 x 75 mm within all leads and lifts & as per the direction of engineer in charge	2.00	*Each.	335.50	Rupees six hundred thirty seven and paise forty only	671.00
41	Providing and fixing Brass stop cocks 15mm. dia. within all leads and lifts & as per the direction of engineer in charge	5.00	Each.	346.10	Rupees six hundred thirty seven and paise forty only	1731.00
42	Providing and fixing C.P. Brass waste for wash basin or sink 32mm. dia. within all leads and lifts & as per the direction of engineer in charge	5.00	Each.	120.80	Rupees six hundred thirty seven and paise forty only	604.00
43	P/F C.P. connection pipe with brass unions 45 cm. long and 15mm. Dia. within all leads and lifts & as per the direction of engineer in charge	14.00	Each.	115.00	Rupees six hundred thirty seven and paise forty only	1610.00
44	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete 110 mm. dia. within all leads and lifts & as per the direction of engineer in charge	80.00	Per Rmt.	219.55	Rupees two hundred nineteen and paise fifty five only	17564.00
45	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete 110 mm. dia. within all leads and lifts & as per the direction of engineer in charge	10.00	Each.	94.30	Rupees ninety four and paise thirtyOnly	943.00

46	Providing and fixing PVC door bend with oval access door, insertion rubber washer 3mm. Thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete 110mm. dia. within all leads and lifts & as per the direction of engineer in charge	8.00	Each.	169.00	Rupees one hundred sixty nine only	1352.00
47	Providing and fixing PVC double equal branch with oval access door, insertion rubber washer 3mm. Thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete 110 mm. dia. within all leads and lifts & as per the direction of engineer in charge	5.00	Each.	479.60	Rupees four hundred seventy nine and paise sixty only	2398.00
48	Providing and fixing PVC cow/ ISI marked including fixing with approved adhesive etc. complete 110mm. dia. within all leads and lifts & as per the direction of engineer in charge	5.00	Each.	103.90	Rupees one hundred three and paise ninety only	520.00
49	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete 110mm. dia.	10.00	Each.	65.60	Rupees sixty five and paise sixty only	656.00
50	Providing and fixing PVC singel equal branch with oval access door, ISI marked insertion rubber washer 3mm. Thick bolts and nuts complete including fixing with approved adhesive etc. complete. 110 mm. dia. within all leads and lifts & as per the direction of engineer in charge	10.00	Each.	163.30	Rupees one hundred sixty three and paise thirty only	1633.00
51	P/F stoneware gully trap grade 'A' complete with C.I. grating, brick masonry chamber in cement mortar 1:5 and water light C.I. cover with frame of 300mm. X 300mm. Size the weight of cover to be not less 4.53 Kg. and frame to be not less than 2.72 Kg. square mouth traps 100 x 100 mm. size. within all leads and lifts & as per the direction of engineer in charge	3.00	Each.	1105.30	Rupees one thousand one hundred five and paise thirty only	3316.00
52	Providing and fixing PVC clamps ISI marked of approved design with steel screws and rawal plugs etc. complete 110mm. dia. within all leads and lifts & as per the direction of engineer in charge	25.00	Each.	50.60	Rupees fifty and paise sixty only	1265.00

53	Constructing man hole with R.C.C. top slab in 1:2:4 (1 cement: two sand : 4 graded stone agg. 20mm. nominal size) foundation concrete 1:4:8 (1 cement: 4 sand 8 graded stone aggregate 40mm. nominal size) inside plastering 15mm. thick with cement mortar 1:3 (1 cement : 3 sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement: 2 sand : 4 graded stone aggregate 20mm. nominal size) finished smooth complete including curing and testing in side size 800x800x500mm deep i/c C.I. Cover with frame (light duty single seal: pattern-I) 455 x 610 mm. internal diamentions total weight of cover and frame to be not less than 38 Kg. (weight of cover 23 Kg. and weight of frame 15 Kg.) with 200mm. precast concrete block masonry walls with solid concrete blocks of cement concrete 1:3:6 (1 cement: 3 sand: 6 graded stone aggregate 20mm. and down gauge) laid in cement mortar 1:6 (1 cement: 6 sand). within all leads and lifts & as per the direction of engineer in charge	7.00	Each.	5746.90	Rupees five thousand seven hundred forty six and paise ninety only	40228.00
Gross Total:-						Rs. 469429.00

draft schedule of quantity approved for ₹ 469429/-

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.