



HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT
INVITATION FOR BIDS (IFB)

Office 01783-260033

Email : ee-cho-hp@nic.in

No. PW.CHD.CB.E-9/2022-

8366-8465

Dated : 16/9/22

NOTICE INVITING TENDER

Sealed item rate tenders are hereby invited by the Executive Engineer HPPWD Chopal District Shimla H.P. in form No. 6 & 8 on behalf of Governor of H.P for the following works from the contractors of appropriate class enlisted with HPPWD. The tenders shall be opened in the presence of the contractors/firms or their representative who wish to be present.

TIME SCHEDULE OF TENDER

- | | | |
|----|---|-----------------------------------|
| 1. | Date and time of receipt of application for tender form | : 27.09.2022 11:00 AM to 04:00 PM |
| 2. | Date and time of issue of tender form | : 27.09.2022 11:00 AM to 04:00 PM |
| 3. | Date and time of receipt of tenders | : 28.09.2022 11:30 AM |
| 4. | Date and time of opening of tender | : 28.09.2022 11:30 AM |

The tender forms will be issued to only those contractors who qualify the criteria after the scrutiny of application forms by the committee constituted for the purpose.

Sl. No	Name of Work	Estimated Cost	EMD	Cost of tender	Time Limit	Eligible class of contractor
1.	Name of work :- Restoration of rain damages on Naura to Kulag road km. 0/0 to 4/975 (SH: C/o R/wall in wire crate at km. 2/736.25 to 2/747.50).	359282/-	8000/-	350/-	Two Months	Class D or above
2.	Name of work :- Restoration of rain damages on Naura to Kulag road km. 0/0 to 4/975 (SH: C/o R/wall in wire crate at km. 2/725 to 2/736.25).	359284/-	8000/-	350/-	Two Months	Class D or above
3.	Name of work :- Restoration of rain damages on Sailpab to Kupvi road km. 110/510 to 132/0 (SH: C/o R/wall in wire crates at km. R.D. 131/510 to 131/525).	159611/-	3500/-	350/-	Two Months	Class D or above
4.	Name of work :- Restoration of rain damages on Sailpab to Kupvi road km. 110/510 to 132/0 (SH: C/o R/wall in wire crates at km. R.D. 126/795 to 126/810).	302992/-	6500/-	350/-	Two Months	Class D or above
5.	Name of work :- Restoration of rain damages on Shirga to Shalan road km. 0/0 to 17/0 (SH: C/o wire crated wall in between km.. R.D. 15/630 to 15/645).	412487/-	9500/-	350/-	Two Months	Class D or above
6.	Name of work :- Restoration of rain damages on Aar to Leelidhar road km. 0/0 to 1/500 (SH: C/o R/wall in between km. 0/810 to 0/920).	209625/-	4500/-	350/-	Two Months	Class D or above
7.	Name of work :- Restoration of rain damages on Mundhochali to Navi road km. 0/0 to 9/0 (SH: C/o wire crated R/wall in between km. 3/640 to 3/655, 4/195 to 4/241 and 5/645 to 5/660).	499250/-	10000/-	350/-	Two Months	Class D or above

8.	Name of work :- Restoration of rain damages on Mundhochali to Navi road km. 0/0 to 9/0 (SH: C/o 900mm dia HPC at R.D.. 4/815, 4/930 and 5/825).	498200/-	10000/-	350/-	Two Months	Class D or above
9.	Name of work :- Restoration of rain damages on Kutangan to Kuri Sarach road km. 0/0 to 6/0 (SH: C/o wire crated R/wall in between km. 1/585 to 1/600 and 2/360 to 2/375).	365840/-	8000/-	350/-	Two Months	Class D or above
10.	Name of work :- A/R & M/O Banipul Mashrain Tharoch road km. 0/0 to 18/0 (SH: C/o PCC Parapets with edge wall in between different R.Ds.	495300/-	10000/-	350/-	Two Months	Class D or above
11.	Name of work :- Improvement of black spots on Sainj Chopal Nerwa Feduj road km. 20/0 to 90/0 (SH: C/o Parapets with edge wall in between km. R.D. 77/0 to 82/0).	492376/-	10000/-	350/-	Two Months	Class D or above
12.	Name of work :- Improvement of black spots on Sainj Chopal Nerwa Feduj road km. 20/0 to 90/0 (SH: C/o Parapets with edge wall in between km. R.D. 82/0 to 87/0).	493890/-	10000/-	350/-	Two Months	Class D or above
13.	Name of work :- A/R & M/O residential and non residential buildings at Chopal (SH: Distempering and painting in residential and non residential buildings).	150000/-	3000/-	350/-	Two Months	Class D or above
14.	Name of work :- Improvement of black spot on LPRR road km. 112/0 to 118/0 (SH: C/o Parapet with edge wall in between km. R.D. 112/0 to 118/0).	493890/-	10000/-	350/-	Two Months	Class D or above

TERMS AND CONDITIONS :-

- The earnest money in the shape of National Saving Certificate, Time Deposit Account in any of the post office in HP/FDR of any Bank duly pledged in favour of Executive Engineer, Chopal Division HPPWD Chopal must be accompanied with the application for receipt of tender form along with cost of form.
- The contractors/firms should possess the following documents (photo copy to be self attested with application for obtaining the tenders documents :-
 - Latest enlistment/renewal orders with application;
 - GST Number issued by the Sale Tax Department;
 - PAN (Permanent Account Number) issued by the Income Tax Department shall contain scanned copies of EPF issued from competent authority.
- The Executive Engineer, Chopal Division HPPWD Chopal reserves the right to reject any tender without assigning any reason(s);
- The Cess Charges @ 1% will be deducted from the gross amount of work done of the contractor;
- The work will be completed by the contractor within the stipulated period;
- The contractor/firms are required to insert the rate of each item in words as well as in figures, failing which Executive Engineer reserves the right to accept/reject any overall tender;
- The tender shall be issued to only those contractor/firms who are eligible suitable and competent;
- The tender forms shall be issued to eligible contractors depending upon their past performance and work experience which shall be duly evaluated by the technical evaluation committee.
- The contractor/firm having necessary documents and past adequate experience shall be preferred;
- The contractor who has failed to start/complete the work already allotted in his favour within stipulated period shall not be issued tender forms;
- A contractor enlisted in a particular class be eligible to tender for his own class and one step below;
- Only two number tender forms will issued to the eligible contractor;
- If any kind of holiday to be happened, the tender shall be opened on the next working day at 11:30 a.m.
- GST will be deducted as per rates fixed by the Government.

CERTIFICATE

It is to certify that tender for the above works are urgently required please.

Executive Engineer
Chopal Div. HPPWD Chopal
On behalf of Governor of H.P.

Copy forwarded for information to the :-



1. Chief Engineer (Shimla Zone) HPPWD Shimla.
2. Superintending Engineer, 04th Circle, HPPWD Shimla.
3. Deputy Commissioner, Shimla.
4. SDO(C) Chopal Tehsil Chopal District Shimla H.P.
5. Tehsildar Chopal Tehsil Chopal District Shimla H.P.
6. BDO Chopal Tehsil Chopal District Shimla H.P.
7. All the Assistant Engineers working under this division.
8. All the intending contractors in HPPWD.
9. Notice Board.

Executive Engineer
Chopal Div. HPPWD Chopal
On behalf of Governor of H.P.



CERTIFICATE

Certified that the tender(s) of work(s) as called vide this
office NIT No. PW.CHD.CB.C-9/2022- 8366-8465 dated
16/09/22 are of urgent nature work(s).


Executive Engineer
Chopal Div.HPPWD Chopal
On behalf of Governor of H.P. 

DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost Rs. 359284
Earnest Money Rs. 8000
Time Allowed Two Months

Name of work : R/R Damages on Naura to Kulag road km 0/0 to 4/975
(SH: C/O R/wall in wire crate at km 2/736.25 to 2/747.50 .)

Sl. No	Description of item	Qty.	Rate		Unit	Amount
			In figure	In words		
1	Earthwork in excavation for foundation of structure upto 3m depth as per drawing and technical specification clause 1104 including setting out c/o shoring and bracing removal of stumps and other deleterious matter dressing of stumps and other deleterious matter dressing of side and bottom and backfilling with approved material . including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	22.66			Per cubic metre .	
2	Providing and laying plain cement concrete 1:4:8 (1 cement : 4 sand : 8 graded stone aggregate 40 mm nominal size & vibrated mechanically so as to give a compressive strength and curring complete including the cost of from work as per drawing and technical specification clause 802, 803, 1202, and 1203 including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	32.40			Per cubic metre.	
3	Providing and laying og boulder apron laid in wire crates with 4 mm dia GI wire confirming to IS 280 and IS 4826 in 100mm x100mm mesh including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25kg each as per drawings and HPPWD technical specifications including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	70.31			Per cubic metre.	
4	Back filling behind abutment wing wall and returning wall complete as per drawing and technical specification clause 1204.3.8 granular material. including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	74.25			Per cubic metre.	
Total						0

Executive Engineer
Chowk Division (B & R)
H.P.W.D. Chopal

2

DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost Rs. 359284
Earnest Money Rs. 8000
Time Allowed Two Months

Name of work : R/R Damages on Naura to Kulag road km 0/0 to 4/975
(SH: C/O R/wall in wire crate at km 2/725 to 2/736.25 .)

Sl. No	Description of item	Qty.	Rate		Unit	Amount
			In figure	In words		
1	Earthwork in excavation for foundation of structure upto 3m depth as per drawing and technical specification clause 1104 including setting out c/o shoring and bracing removal of stumps and other deleterious matter dressing of stumps and other deleterious matter dressing of side and bottom and backfilling with approved material . including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	22.66			Per cubic metre .	
2	Providing and laying plain cement concrete 1:4:8 (1 cement : 4 sand : 8 graded stone aggregate 40 mm nominal size & vibrated mechanically so as to give a compressive strength and curring complete including the cost of from work as per drawing and technical specification clause 802, 803, 1202, and 1203 including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	32.40			Per cubic metre.	
3	Providing and laying og boulder apron laid in wire crates with 4 mm dia GI wire confirming to IS 280 and IS 4826 in 100mm x100mm mesh including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25kg each as per drawings and HPPWD technical specifications including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	70.31			Per cubic metre.	
4	Back filling behind abutment wing wall and returning wall complete as per drawing and technical specification clause 1204.3.8 granular material. including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	74.25			Per cubic metre.	
Total						0

Executive Engineer
C.E. & R.
B.P.R.W.D. Chopal

DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost Rs. 159611
Earnest Money Rs. 3500
Time Allowed Two Months

Name of work : R/R Damages on Kupvi to Salpab road km 110/510 to 132/00
(SH: C/O R/wall in wire crate at km 131/510 to 131/525 .)

Sl. No	Description of item	Qty.	Rate		Unit	Amount
			In figure	In words		
1	Earthwork in excavation for foundation of structure upto 3m depth as per drawing and technical specification clause 1104 including setting out c/o shoring and bracing removal of stumps and other deleterious matter dressing of stumps and other deleterious matter dressing of side and bottom and backfilling with approved material . including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	18.75			Per cubic metre .	
2	Proving and laying og boulder apron laid in wire crates with 4 mm dia GI wire confirming to IS 280 and IS 4826 in 100mm x100mm mesh including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25kg each as per drawings and HPPWD technical specifications including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	70.35			Per cubic metre.	
3	Providing and laying filter media with granular crushed aggregate as per specification to the thickness not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provodong to the entire surface behind abutment wing wall retaining wall to the full height as per technical specification clause 1204.3.8 including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	16.95			Per cubic metre.	
Total						0

Engineer
Division (B & R)
W.D. Chappal

4

DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost Rs. 302992
Earnest Money Rs. 6500
Time Allowed Two Months

Name of work : R/R Damages on Sailpab to Kupvi road km 110/500 to 132/00
(SH: C/O R/wall in wire crate at km 126/975 to 126/810 .)

Sl. No	Description of item	Qty.	Rate		Unit	Amount
			In figure	In words		
1	excavation siol in hilly area by manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5 mtr and a lead upto 20mts as per drawing and technical specifications clause 1603.1 including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	18.08			Per cubic metre.	
2	Excavation in earthwork for foundation of structure as per drawing and technical specification clause 305.1 including setting and c/o shoring and bracing removal of stumps and other deleterious material and disposal up to a lead of 50 matter dressing of sides and bottom backfilling in trenchers with excavated suitable material including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	17.85			Per cubic metre.	
3	Providing and laying plain cement concrete 1:4:8 and curing complete including the cost of from work for plain/reinforced concrete in including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	62.55			Per cubic metre.	
4	Back filling behind abutment wing wall and returning wall complete as per drawing and technical specification clause 1204.3.8 granular material. including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	6.23			Per cubic metre.	
5	Providing weep holes in brick masonry/stone masonry plain/reinforced concret abutment wingwall return wall with 100 mm dia PVC pipe extending throught the full width of the structure with slopes of i(v):20(H) 1: vertical : 20 horizontal towards drawing face complete as per drawing and technical specification clause 614, 709, 1204.3.7 including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	33.00			each	

Excluded
Choyat Division (B & R)
H.P.P.W.D. Cusop

5

DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost Rs. 412487
Earnest Money Rs. 9500
Time Allowed Two Months

Name of work : R/R Damages on Shingah to Shalan road km 0/0 to 17/00
(SH: C/O wire crate R/wall between km Rd 15/630 to 15/645 .)

Sl. No	Description of item	Qty.	Rate		Unit	Amount
			In figure	In words		
1	Earthwork in excavation for foundation of structure as per drawing and technical specification clause 305.1 including setting and c/o shoring and bracing removal of stumps and other deleterious material and disposal up to a lead of 50 meter dressing of sides and bottom backfilling in trenchers with excavated suitable material including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	38.55			Per cubic metre.	
2	Proving and laying og boulder apron laid in wire crates with 4 mm dia GI wire confirming to IS 280 and IS 4826 in 100mm x100mm mesh including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25kg each as per drawings and HPPWD technical specifications including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	187.50			Per cubic metre.	
3	Back filling behind abutment wing wall and returning wall complete as per drawing and technical specification clause 1204.3.8 granular material. including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	33.30			Per cubic metre.	
Total						0


H. P. A. D. Chopra

DRAFT/SCHEDULED OF QUANTITY.

Name of work : R/R Damages on Arr to Liliidhar road km 0/0 to 1/500

(SH: C/O R/wall at RD. 0/910 to 0/920 .)

Estimated Cost Rs. 209625
Earnest Money Rs. 4500
Time Allowed Two Months

Sl. No	Description of item	Qty.	Rate	In figure	In words	Unit	Amount
1	Earthwork in excavation for foundation of structure as per drawing and technical specification clause 305.1 including setting and c/o shoring and bracing removal of stumps and other deleterious material and disposal up to a lead of 50 meter dressing of sides and bottom backfilling in trenchers with excavated suitable material including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	20.10				Per cubic metre.	
2	Providing and laying plain cement concrete 1:4:8 (1 cement : 4 sand : 8 graded stone aggregate 25 mm nominal size & vibrated mechanically so as to give a compressive strength and curing complete including the cost of from work as per drawing and technical specification clause 802, 803, 1202, and 1203 including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	35.60				Per cubic metre.	
3	Back filling behind abutment wing wall and returning wall complete as per drawing and technical specification clause 1204.3.8 granular material. including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	5.50				Per cubic metre.	
4	Providing weep holes in brick masonry/stone masonry plain/reinforced concret abutment wingwall return wall with 100 mm dia PVC pipe extending through the full width of the structure with slopes of (V):20(H) 1: vertical : 20 horizontal towards drawing face complete as per drawing and technical specification clause 614, 709, 1204.3.7 including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	20.00				Per cubic metre.	
Total							0

Executive Engineer
R.R.D. Chopra
R.R.D. Chopra

DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost Rs. 499250
Earnest Money Rs. 10000
Time Allowed Two Months

Name of work : R/R Damages on Mundhochali to Navi road km 0/0 to 9/00
(SH: C/O wire crate R/wall between km Rd 3/640, 3/655, 4/195, 4/241, and 5/645, 5/660 .)

Sl. No	Description of item	Qty.	Rate		Unit	Amount
			In figure	In words		
1	Earthwork in excavation for foundation of structure as per drawing and technical specification clause 305.1 including setting and c/o shoring and bracing removal of stumps and other deleterious material and disposal up to a lead of 50 meter dressing of sides and bottom backfilling in trenchers with excavated suitable material including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	100.09			Per cubic metre.	
2	Providing and laying og boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS 280 and IS 4826 in 100mm x100mm mesh including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25kg each as per drawings and HPPWD technical specifications including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	288.36			Per cubic metre.	
3	Back filling behind abutment wing wall and returning wall complete as per drawing and technical specification clause 1204.3.8 granular material. including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	20.40			Per cubic metre.	
Total						0

Engineer
Chowdhury B & B
H P W D, Chapra

DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost Rs. 498200
Earnest Money Rs. 10000
Time Allowed Two Months

Name of work : R/R Damages on Mundhochali to Navi road km 0/0 to 9/00
(SH: C/O 900mm dia HPC at RD. 4/815, 4/930 and 5/825 .)

Sl. No	Description of item	Qty.	Rate In figure	In words	Unit	Amount
1	Excavation soil in hilly area by manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5 mtr and a lead upto 20mtrs as per drawing and technical specifications clause 1603.1 including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	55.83			Per cubic metre.	
2	Earthwork in excavation for foundation of structure as per drawing and technical specification clause 305.1 including setting and c/o shoring and bracing removal of stumps and other deleterious material and disposal up to a lead of 50 meter dressing of sides and bottom backfilling in trenchers with excavated suitable material including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	140.16			Per cubic metre.	
3	Providing concrete for plain reinforced concrete in open foundations complete as per drawings and technical specifications clause 802.803.1202 and 1203 plain cement concrete nominal mix 1:4:8 40mm including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	12.99			Per cubic metre.	
4	Providing concrete for plain reinforced concrete in open foundations complete as per drawings and technical specifications clause 802.803.1202 and 1203 plain cement concrete M-10 grade (1:3:6) including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	92.86			Per cubic metre.	

5	Providing and laying 900mm dia reinforced cement concrete pipe Np2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation protection work back filling concrete and masonry work in head walls and parapets clause 1108 including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	22.50	Per running metre.
6	Providing weep holes in brick masonry/stone masonry plain/reinforced concret abutment wingwall return wall with 100 mm dia PVC pipe extending through the full width of the structure with slopes of (V);20(H) 1: vertical : 20 horizontal towards drawing face complete as per drawing and technical specification clause 614, 709, 1204.3.7 including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	36.00	Per running metre.
7	Providing and laying flooring laid over cement concrete bedding complete as per drawing and technical specification clause 1303 rubble stone laid in cement mortar 1:3 including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	2.35	Per cubic metre.
8	Back filling behind abutment wing wall and returning wall complete as per drawing and technical specification clause 1204.3.8 granular material. including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	13.17	Per cubic metre.
Total			


 Engineer
 CHOPRA & WASON (B & E)
 H.P.P.W.D. Chopra

7

DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost Rs. 365840
Earnest Money Rs. 8000
Time Allowed Two Months

Name of work : R/R Damages on Kutangan to Kuri Sarach road km 0/0 to 6/00
(SH: C/O wire crate R/wall between km Rd 1/585 to 1/600 and 2/360 to 2/375 .)

Sl. No	Description of item	Qty.	Rate		Unit	Amount
			In figure	In words		

1	Earthwork in excavation for foundation of structure as per drawing and technical specification clause 305.1 including setting and c/o shoring and bracing removal of stumps and other deleterious material and disposal up to a lead of 50 meter dressing of sides and bottom backfilling in trenchers with excavated suitable material including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	75.75			Per cubic metre .	
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2	Providing and laying og boulder apron laid in wire crates with 4 mm dia GI wire confirming to IS 280 and IS 4826 in 100mm x100mm mesh including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25kg each as per drawings and HPPWD technical specifications including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	164.06			Per cubic metre.	
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3	Back filling behind abutment wing wall and returning wall complete as per drawing and technical specification clause 1204.3.8 granular material. including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	25.50			Per cubic metre.	
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Total 0


Engineer in Charge
Chopra Division (B & R)
B.P.W.D. Chhapra

16

DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost Rs. 496300
Earnest Money Rs. 10000
Time Allowed Two Months

Name of work : A/R & M/O BMT road km 0/0 to 18/00

(SH: C/O P.C.C. parapets in 1:3:6 at various reaches between km 0/0 to 18/00 .)

Sl. No	Description of item	Qty.	Rate		Unit	Amount
			In figure	In words		
1	Earthwork in excavation for foundation of structure as per drawing and technical specification clause 305.1 including setting and c/o shoring and bracing removal of stumps and other deleterious material and disposal up to a lead of 50 meter dressing of sides and bottom backfilling in trenchers with excavated suitable material including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	57.48			Per cubic metre.	
2	Providing and laying plain cement concrete 1:4:8 and curring complete including the cost of from work for plain reinforced concrete in retaining walls breast walls as per drawing and technical specification clause 802, 803, 1202, and 1203 Nominal mix 1:4:8 (40 to 20 mm) including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	42.55			Per cubic metre.	
3	Providing and laying plain cement concrete 1:3:6 and curring complete including the cost of from work for plain reinforced concrete in retaining walls breast walls as per drawing and technical specification clause 802, 803, 1202, and 1203 Nominal mix 1:3:6 (40 to 20 mm) including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	90.56			Per cubic metre.	
4	Providing weep holes in brick masonry/stone masonry plain/reinforced concret abutment wingwall return wall with 100 mm dia PVC pipe extending through the full width of the structure with slopes of (V):20(H) 1: vertical : 20 horizontal towards drawing face complete as per drawing and technical specification clause 614, 709, 1204.3.7 including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	60.00				

for running
each month
15

5 Back filling behind abutment wing wall and returning wall complete as per drawing and technical specification clause 1204.3.8 granular material. including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts. 9.45

Per cubic metre.

Total 0

Exec Engineer
CHARGE DIVISION (B & R)
B.P.P.W.D. Chopat

DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost Rs. 492376
Earnest Money Rs. 10000
Time Allowed Two Months

Name of work : Improvement of black spot on sainj Deha Chopal Nerwa Feduj road km 0/0 to 90/00
(SH: Edge walls in P.C.C 1:5:10 and parapets in P.C.C 1:3:6 at RD 77/0 to 82/0 .)

Sl. No	Description of item	Qty.	Rate	In words	Unit	Amount
			In figure			
1	Earthwork in excavation for foundation of structure as per drawing and technical specification clause 305.1 including setting and c/o shoring and bracing removal of stumps and other deleterious material and disposal up to a lead of 50 meter dressing of sides and bottom backfilling in trenchers with excavated suitable material including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	107.79			Per cubic metre.	
2	Providing and laying plain cement concrete 1:5:10 (1 cement : 5 sand : 10 graded stone aggregate 40 mm nominal size & vibrated mechanically so as to give a compressive strength and curing complete including the cost of from work as per drawing and technical specification clause 802, 803, 1202, and 1203 including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	52.65			Per cubic metre.	
3	Providing and laying plain cement concrete 1:3:6 (1 cement : 3 sand : 6 graded stone aggregate 20 mm nominal size & vibrated mechanically so as to give a compressive strength and curing complete including the cost of from work as per drawing and technical specification clause 802, 803, 1202, and 1203 including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	52.45			Per cubic metre.	
Total						0

Chief Engineer
Deputy Engineer
H.P.P.W.D. Chhappi

DRAFT/SCHEDULED OF QUANTITY.

Name of work

Improvement of black spot on saini Deha Chopal Nerwa Feduj road km 0/0 to 90/00
(SH: Edge walls in P.C.C 1:5:10 and parapets in P.C.C 1:4:8 at RD 82/0 to 87/0 .)

Estimated Cost Rs. 493890
Earnest Money Rs. 10000
Time Allowed Two Months

Sl. No	Description of item	Qty.	Rate	In figure	In words	Unit	Amount
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1	Earthwork in excavation for foundation of structure as per drawing and technical specification clause 305.1 including setting and c/o shoring and bracing removal of stumps and other deleterious material and disposal up to a lead of 50 meter dressing of sides and bottom backfilling in trenchers with excavated suitable material including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	75.63				Per cubic metre.	
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2	Providing and laying plain cement concrete 1:5:10 (1 cement : 5 sand : 10 aggregate 40 mm nominal size & vibrated mechanically so as to give a compressive strength and curing complete including the cost of from work as per drawing and technical specification clause 802, 803, 1202, and 1203 including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	33.15				Per cubic metre.	
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3	Providing and laying plain cement concrete 1:4:8 (1 cement : 4 sand : 8 graded stone aggregate 20 mm nominal size & vibrated mechanically so as to give a compressive strength and curing complete including the cost of from work as per drawing and technical specification clause 802, 803, 1202, and 1203 including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	74.30				Per cubic metre.	
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Total 0

Chief Engineer
B.P. 10000
2

DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost Rs. 150000
Earnest Money Rs. 3000
Time Allowed Two Months

Name of work A/R & M/O residential and non residential buildings at chopal
(SH Distempiring and painting in residential and non residential buildings .)

Sl. No	Description of item	Qty.	Rate		Unit	Amount
			In figure	In words		
1	15 mm cement plaster in single coat on fair side of brick concrete stone walls for interior plastering upto floor two level including arrises internal rounded angles chamfers and or rounded angles not exceeding 80mm in girth and finished even and smooth. cement mortar 1:5 (cement :5 sand) including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	116.3			Per square metre .	
2	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 matter finish to the surface complete. including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	414.22			Per square metre .	
3	Distempiring two coats with oil bound washable distemper of approved brand and manufacture and of required shade on undecorated wall surfaces to give an even shade over and including a primming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and sand papered smooth priming coat with distemper primer including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	403.00			Per square metre .	
4	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 matter sand papering and knotting . including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	672.07			Per square metre .	

5	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with readymixed paint brushing to give an even shade including cleaning of all dirt dust and other foreign matter sand papering and stopping including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	272.07	Per square metre
6	Polishing two coats with-malamine polish of required shade on new wood and wood based surfaces to give an even surface including cleaning the surface of all dirt dust and sand papered smooth and including a coat of wood filler including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	64.85	Per square metre
7	Applying priming coat over new steel & other metal surfaces after & including preparing the surface by thoroughly cleaning oil grease dirt and other foreign matter and scoured with wire brushes fine steel wool scrapers and sand paper complete including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	133.20	Per square metre
8	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 including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	133.20	Per square metre
9	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary plate glass 5 mm thick. including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	1.62	Per square metre
	Total	0	


 B.P.W.D. Chopak
 Engineer B & RI

14

DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost Rs. 493890
Earnest Money Rs. 10000
Time Allowed Two Months

Name of work : Improvement of black spot in LPRR road km 112/0 to 118/0
(SH: C/o parapet with edge wall in between km R.D. 112/0 to 118/0 .)

Sl. No	Description of item	Qty.	Rate In figure	In words	Unit	Amount
1	Earthwork in excavation for foundation of structure as per drawing and technical specification clause 305.1 including setting and c/o shoring and bracing removal of stumps and other deleterious material and disposal up to a lead of 50 meter dressing of sides and bottom backfilling in trenches with excavated suitable material including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	58.40			Per cubic metre.	
2	Providing and laying concrete in open foundations complete as per drawing and technical specifications clauses 802,803,1202 and 1203 P.C.C Nominal mix 1:5:10 including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	39.40			Per cubic metre.	
3	P/L concrete to plain /reinforced concrete machienically mixed and viberated PCC M-10 nominal mix 1:3:6 (1 cement :3 sand :6 graded stone aggregate 20 mm nominal size)for plain reinforced cement concrete in open foundations size technical specifications clause 802,803,1202 and 1203 including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	66.59			per running Cubic metre.	
4	Providind and fixing delineters made of 165wg - CRCA pipe of 75mm dia 900mm long enameled power coated providing with 2 nos of 15 cm height very high intensity recto reflector sheet as per HPPWD specification 1990.1 and as per direction of Engineer in Charge at site in all leads and lifts.	50.00			Per cubic metre.	
Total						

Executive Engineer
Crops Division (B & R)
R.P.W.D. Chavang