



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- 9718-9767

Dated : 07/10/2022

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 | : 14.10.2022 11:00 AM to 04:00 PM |
| 2. | Date and time of issue of tender form | : 14.10.2022 11:00 AM to 04:00 PM |
| 3. | Date and time of receipt of tenders | : 15.10.2022 11:30 AM |
| 4. | Date and time of opening of tender | : 15.10.2022 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 :- R/R damages on Tikkari to Dhanat road km. 0/0 to 9/180 (SH : C/o R/wall in wire crate at R.D. 8/990 to 9/005).	191549/-	4000/-	350/-	Two months	Class D or above
2.	Name of work :- R/R damage on link road to Kharu village km. 0/0 to 1/0 under SCDP (SH: C/o protection work for protection of house at km. R.D. 0/355 to 0/360 and 0/380 to 0/388 in PCC 1:4:8)	130195/-	2700/-	350/-	Two months	Class D or above
3.	Name of work :- A/R & M/O LPRR road km. 112/167 to 118/945 (SH: C/o wing wall at R.D. 112/840).	498200/-	10000/-	350/-	Two months	Class D or above
4.	Name of work :- R/R damages on Shirgah to Shallan road km. 0/0 to 17/0 (SH: Removal of landslides/slips at various reaches).	130185/-	2700/-	350/-	Two months	Class D or above
5.	Name of work :- R/R damages on Kutangan Nallah to Kuri Sarach road km. 0/0 to 6/0 (SH: C/o wire crated B/wall in between km. R.D. 1/415 to 1/430 and R/wall at R.D. 2/405 to 2/420).	365315/-	7500/-	350/-	Two months	Class D or above
6.	Name of work :- R/R damages on Kuthar to Mundhochali road km. 0/0 to 9/700 (SH: C/o wire crated R/wall in between km. R.D. 1/425 to 1/435 and B/wall at R.D. 6/345 to 6/375).	413552/-	8500/-	350/-	Two months	Class D or above

7	Name of work :- R/R damages on Shirgah to Shallan road km. 0/0 to 17/0 (SH: Removal of landslides slips at various reaches).	108471/-	2200/-	350/-	Two months	Class D or above
8.	Name of work :- R/R damages on Chopal Dewat Kumbra road km. 0/0 to 18/300 (SH : C/o R/wall in wire crate at R.D. 12/400 to 12/415 and 12/905 to 12/925).	412172/-	8500/-	350/-	Two months	Class D or above
9.	Name of work :- R/R damages on Chopal Dewat Kumbra road km. 0/0 to 18/300 (SH : C/o R/wall in wire crate at R.D. 10/975 to 10/990 and 11/910 to 11/925).	353295/-	7500/-	350/-	Two months	Class D or above
10.	Name of work :- R/R damages on various roads during monsoon season 2022-23 under Dhabas Section of Chopal Sub Division (SH: Removal of existing slips during monsoon season 2022-23).	142812/-	3000/-	350/-	Two months	Class D or above
11.	Name of work :- R/R damage on Sainj Deha Chopal Nerwa Feduj road km. 20/0 to 90/0 (SH: C/o R/wall at km. R.D. 50/810 to 50/830)	453390/-	9500/-	350/-	Two months	Class D or above
12	Name of work :- Improvement of black spot on Chopal Chowkia Jhiknipul road km. 0/0 to 16/100 (SH: C/o protection wall at R.D. 1/250 to 1/275).	205071/-	4200/-	350/-	Two months	Class D or above
13	Name of work :- R/R damages on Chopal Bodhna Bavi road km. 0/0 to 5/0 (SH: C/o HPC 900mm dia at R.D. 0/480 and protection edge wall in between km. R.D. 0/585 to 0/635).	406531/-	8500/-	350/-	Two months	Class D or above
14	Name of work :- R/R damages on Dhabas to Baghar road km. 0/0 to 10/330 (SH: C/o R/wall in between km. R.D. 7/835 to 7/850, B/wall at R.D. 7/830 to 7/850 & 8/860 to 8/880).	499362/-	10000/-	350/-	Two months	Class D or above
15	Name of work :- R/R damages on Sainj Chopal Nerwa Feduj road km. 20/0 to 90/0 (SH: C/o R/wall in between km. R.D. 40/909 to 40/918).	499909/-	10000/-	350/-	Two months	Class D or above
16	Name of work :- R/R damages on Sainj Chopal Nerwa Feduj road km. 20/0 to 90/0 (SH: C/o R/wall in between km. R.D. 46/508 to 46/516 and 46/583 to 46/590).	499960/-	10000/-	350/-	Two months	Class D or above
17	Name of work :- R/R damages on Sainj Chopal Nerwa Feduj road km. 20/0 to 90/0 (SH: C/o R/wall in C.C. 1:4:8 25mm size agg. in between km. R.D. 46/568 to 46/583).	499095/-	10000/-	350/-	Two months	Class D or above
18	Name of work :- R/R damages on Maraog to Matal road km. 0/0 to 18/500 (SH: C/o wire crated R/wall in between km. R.D. 17/160 to 17/195).	478052/-	10000/-	350/-	Two months	Class D or above

19	Name of work :- R/R damages on various roads during monsoon season 2022-23 under Maraog Section of Chopal Sub Division (SH: Restoration of slips and dressing of roads and clearance of drain).	191855/-	4000/-	350/-	Two months	Class D or above
20	Name of work :- R/R damages on various roads during monsoon season 2022-23 under Sarain Section of Chopal Sub Division (SH: Restoration of slips and dressing of roads and clearance of drain).	158210/-	3500/-	350/-	Two months	Class D or above
21	Name of work :- R/R damages on various roads during monsoon season 2022-23 under Pulbahal Section of Chopal Sub Division (SH: Restoration of slips and dressing of roads and clearance of drain).	122727/-	3000/-	350/-	Two months	Class D or above
22	Name of work :- R/R damages on Chambi to Badlog road km. 0/0 to 4/500 (SH: C/o wire crated R/wall in between km. R.D. 1/320 to 1/337.50).	476427/-	10000/-	350/-	Two months	Class D or above
23	Name of work :- R/R damages on Maraog to Matal road km. 0/0 to 18/500 (SH: C/o wire crated R/wall in between km. R.D. 5/825 to 5/840 and 16/825 to 16/836).	480016/-	10000/-	350/-	Two months	Class D or above
24	Name of work :- R/R damages on Sarain to Jhokhar road km. 0/0 to 14/200 (SH: C/o wire crated B/wall in between km. R.D. 10/500 to 10/545).	364966/-	7500/-	350/-	Two months	Class D or above
25	Name of work :- R/R damages on Dhabas to Sarain road km. 0/0 to 10/0 (SH: C/o B/wall in PCC 1:5:10 at R.D. 9/120 to 9/150).	303075/-	6500/-	350/-	Two months	Class D or above
26	Name of work :- R/R damages on Pulbahal kainchi to Lihai road km. 0/0 to 9/0 (SH: C/o R/wall in PCC 1:4:8 in between km. R.D. 8/210 to 8/240).	475110/-	10000/-	350/-	Two months	Class D or above
27	R/R damages on Salana to Jhina road km. 0/0 to 5/500 (SH: Cutting in earth work in between km. R.D. 5/490 to 5/512.50).	499867/-	10000/-	350/-	Two months	Class D or above
28	Name of work :- R/R damages on Thekra to Bagna road km. 0/0 to 1/780 (SH: C/o wire crated R/wall in between km. R.D. 1/660 to 1/710).	496665/-	10000/-	350/-	Two months	Class D or above
29	Name of work :- R/R damages on Nerwa to Bamta road km. 0/0 to 23/0 (SH: C/o of PCC R/wall in between km. R.D. 0/190 to 0/210).	188205/-	4000/-	350/-	Two months	Class D or above
30	Name of work :- R/R damages on Nerwa to Bamta road km. 0/0 to 23/0 (SH: Removal of slips in different RDs).	69300/-	1500/-	350/-	Two months	Class D or above
31	Name of work :- R/R damages on Mashrain to Pouria road km. 0/0 to 7/0 (SH: Hiring of LNT with breaker).	300000/-	6000/-	350/-	Two months	Class D or above

32.	Name of work :- R/R damages on Thana Basti in G.P. Thana Bodhana H.B. Lajonth Chopal-II road km. 0/0 to 2/300 under SCDP (SH: C/o HPC 900mm dia at R.D. 0/015 and wire crated B/wall in between km. R.D. 0/215 to 0/235).	245430/-	5000/-	350/-	Two months	Class D or above
33.	Name of work :- Repair and maintenance of Gayahu Nalla to village Gayahu road km. 0/0 to 3/0 (SH: Removal of slips in between km. R.D. 0/0 to 3/0).	397100/-	8000/-	350/-	Two months	Class D or above

TERMS AND CONDITIONS :-

1. 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.
2. The contractors/firms should possess the following documents (photo copy to be self attested with application for obtaining the tenders documents :-
 - a. Latest enlistment/renewal orders with application;
 - b. GST Number issued by the Sale Tax Department;
 - c. PAN (Permanent Account Number) issued by the Income Tax Department shall contain scanned copies of EPF issued from competent authority.
3. The Executive Engineer, Chopal Division HPPWD Chopal reserves the right to reject any tender without assigning any reason(s);
4. The Cess Charges @ 1% will be deducted from the gross amount of work done of the contractor;
5. The work will be completed by the contractor within the stipulated period;
6. 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;
7. The tender shall be issued to only those contractor/firms who are eligible suitable and competent;
8. 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.
9. The contractor/firm having necessary documents and past adequate experience shall be preferred;
10. The contractor who has failed to start/complete the work already allotted in his favour within stipulated period shall not be issued tender forms;
11. A contractor enlisted in a particular class be eligible to tender for his own class and one step below;
12. Only two number tender forms will issued to the eligible contractor;
13. If any kind of holiday to be happened, the tender shall be opened on the next working day at 11:30 a.m.
14. 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
B&R Division
HPPWD Chopal



No. PW.CHD.CB.E-9/2022- 9768 -70

Dated : 07/10/2022

To

The Executive Engineer (IT Cell),
Nigam Vihar Shimla, H.P.

Subject :- Publication of Tender Notice.

Sir,

Enclosed please find herewith the tender notice of work(s) as given in the Notice Inviting Tender for uploading on departmental website as per notification vide Pr. Secy. (PW) to the Government of Himachal Pradesh letter No. PBW(B)1/2020 dated 27th May, 2021 and PBW(B)A(3)1/2020 dated 16th July, 2021 as the work(s) mentioned in the tender notice is(are) urgent in nature and in public interest.

Executive Engineer,
Chopal Division,
HPPWD Chopal.

Copy forwarded for further necessary action to the :-

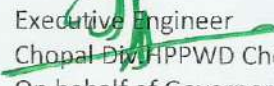
1. The Superintending Engineer, 04th Circle, HPPWD Shimla;
2. Computer Cell O/o the Executive Engineer, (IT Cell) Nigam Vihar Shimla-2.

Executive Engineer
B&R Division
HPPWD Chopal



CERTIFICATE

Certified that the tender(s) of work(s) as called vide this
office NIT No. PW.CHD.CB.C-9/2022- 9718 - 9767 dated
07/10/2022 are of urgent nature work(s).


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

DRAFT/SCHEDULED OF QUANTITY.

1

Name of work : R/R damages on Tikkari to Dhanat road km. 0/0 to 9/180 (SH : C/o R/wall in wire crate at R.D. 8/990 to 9/005).

Estimated Cost Rs. 191549/-
 Earnest Money Rs. 4000/-
 Time Allowed Two Months

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Earth work in excavation for foundation of structure up to 3m depth as per drawing and technical specification clause 1104 including setting out construction of shoring and bracing, removal 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.	13.50			Per cubic metre.	
2	Providing and laying of boulder apron laid in wire crate with 4mm dia conforming to IS 280 and 48.26 mesh design including joints laid in boulder weighing not less than 25 kg each as per drawing and technical specification clause 1301 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.	
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.	41.40			Per cubic metre.	
TOTAL						

Executive Engineer
 Chopal Division,
 HPPWD Chopal

DRAFT/SCHEDULED OF QUANTITY.

21

Estimated Cost
Earnest Money
Time Allowed
Rs. 130195/-
Rs. 2700/-
Two Months

Name of work : R/R damage on link road to Kharu village km. 0/0 to 1/0 under SCDP (SH: C/o protection work for protection of house at km. R.D. 0/355 to 0/360 and 0/380 to 0/388 in PCC 1:4:8)

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Earth work in excavation for foundation of structure up to 3m depth as per drawing and technical specification clause 1104 including setting out construction of shoring and bracing, removal 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.I and as per direction of Engineer in Charge at site in all leads and lifts.	10.00			Per cubic metre.	
2	P/L concrete to plain reinforced concrete 1:4:8 (one cement : four sand : eight graded stone aggregate 40mm nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clause 802, 803, 1202, 1203 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	28.11			Per cubic metre.	
3	Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment, wing wall, return wall 100mm dia PVC pipe extending through out the full width of the structure with slopes of 1 (V) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 1204.3.4 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	10.00			Each	
TOTAL						

Executive Engineer
Chopal Division,
HPPWD Chopal.

3

DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost
Earnest Money
Time Allowed

Rs. 498200/-
Rs. 10000/-
Two Months

Name of work : A/R & M/O LPRR road km. 112/167 to 118/945 (SH: C/o wing wall at R.D. 112/840).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Earth work in excavation for foundation of structure up to 3m depth as per drawing and technical specification clause 1104 including setting out construction of shoring and bracing, removal 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.I and as per direction of Engineer in Charge at site in all leads and lifts.	256.00			Per cubic metre.	
2	Providing and laying plain cement concrete 1:3:6 (1cement : 3 sand : 6 stone aggregates 20mm nominal size) and curing complete including the cost of form work for plain reinforced concrete in retaining walls, breast walls as per drawing and HPPWD technical specification including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	91.57			Per cubic metre.	
3	Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment, wing wall, return wall 100mm dia PVC pipe extending through out the full width of the structure with slopes of 1 (v) : 20(h) towards drawing face complete as per drawing and technical specification clause 614, 709, 1204.3.4 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	50.00			Per running metre	
TOTAL						

Executive Engineer
Chopal Division,
HPPWD Chopal.

DRAFT/SCHEDULED OF QUANTITY.

4

Estimated Cost Rs. 130185/-
Earnest Money Rs. 2700/-
Time Allowed Two months

Name of work : R/R damages on Shirgah to Shallan road km. 0/0 to 17/0 (SH: Removal of landslides/slips at various reaches).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut material with in lift up to 1.50m and lead up to 100m as per technical specification 1302.3.5 and 1611 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	1183.50			Per cubic metre	
TOTAL						

Executive Engineer
Chopal Division,
HPPWD Chopal.

DRAFT/SCHEDULED OF QUANTITY.

5

Estimated Cost Rs. 365315/-
Earnest Money Rs. 4000/-
Time Allowed Two Months

Name of work : R/R damages on Kutangan Nallah to Kuri Sarach road km. 0/0 to 6/0 (SH: C/o wire crated B/wall in between km. R.D. 1/415 to 1/430 and R/wall at R.D. 2/405 to 2/420).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Earth work in excavation for foundation of structure up to 3m depth as per drawing and technical specification clause 1104 including setting out construction of shoring and bracing, removal 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.I and as per direction of Engineer in Charge at site in all leads and lifts.	72.95			Per cubic metre.	
2	Providing and laying of boulder apron laid in wire crate with 4mm dia conforming to IS 280 and 48.26 mesh design including joints laid in boulder weighing not less than 25 kg each as per drawing and technical specification clause 1301 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	164.07			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.I and as per direction of Engineer in Charge at site in all leads and lifts.	25.50			Per cubic metre.	
TOTAL						


Executive Engineer
Chopar Division,
HPPWD Chopar

DRAFT/SCHEDULED OF QUANTITY.

(6)

Estimated Cost Rs. 413552/-
Earnest Money Rs. 8500/-
Time Allowed Two Months

Name of work : R/R damages on Kuthar to Mundhochaili road km. 0/0 to 9/700 (SH: C/o wire crated R/wall in between km. R.D. 1/425 to 1/435 and B/wall at R.D. 6/345 to 6/375).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Earth work in excavation for foundation of structure up to 3m depth as per drawing and technical specification clause 1104 including setting out construction of shoring and bracing, removal 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.I and as per direction of Engineer in Charge at site in all leads and lifts.	101.70			Per cubic metre.	
2	Providing and laying of boulder apron laid in wire crate with 4mm dia conforming to IS 280 and 48.26 mesh design including joints laid in boulder weighing not less than 25 kg each as per drawing and technical specification clause 1301 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I 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.I and as per direction of Engineer in Charge at site in all leads and lifts.	20.80			Per cubic metre.	
TOTAL						

Executive Engineer
Chopal Division,
HPPWD Chopal.

DRAFT/SCHEDULED OF QUANTITY.

2

Estimated Cost Rs. 108471/-
Earnest Money Rs. 2700/-
Time Allowed Two months

Name of work : R/R damages on Shirgah to Shallan road km. 0/0 to 17/0 (SH: Removal of landslides/slips at various reaches).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut material with in lift up to 1.50m and lead up to 100m as per technical specification 1302.3.5 and 1611 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	986.10			Per cubic metre	
TOTAL						

Executive Engineer
Chopal Division
HPPWD Chopal

DRAFT/SCHEDULED OF QUANTITY.

2

Estimated Cost
Earnest Money
Time Allowed
Rs. 412172/-
Rs. 8500/-
Two Months

Name of work : R/R damages on Chopal Dewat Kumbra road km. 0/0 to 18/300 (SH : C/o R/wall in wire crate at R.D. 12/400 to 12/415 and 12/905 to 12/925).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Earth work in excavation for foundation of structure up to 3m depth as per drawing and technical specification clause 1104 including setting out construction of shoring and bracing, removal 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.I and as per direction of Engineer in Charge at site in all leads and lifts.	140.00			Per cubic metre.	
2	Providing and laying of boulder apron laid in wire crate with 4mm dia conforming to IS 280 and 48.26 mesh design including joints laid in boulder weighing not less than 25 kg each as per drawing and technical specification clause 1301 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	164.06			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.I and as per direction of Engineer in Charge at site in all leads and lifts.	25.20			Per cubic metre.	
TOTAL						

Executive Engineer
Chopal Division,
HPPWD Chopal

DRAFT/SCHEDULED OF QUANTITY.

9

Estimated Cost
Earnest Money
Time Allowed
Rs. 412472/-
Rs.-8500/-
Two Months
353 295/-
8 680/-

Name of work : R/R damages on Chopal Dewat Kumbra road km. 0/0 to 18/300 (SH : C/o R/wall in wire crate at R. D. 10/175 to 10/930 and 12/910 to 12/925).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Earth work in excavation for foundation of structure up to 3m depth as per drawing and technical specification clause 1104 including setting out construction of shoring and bracing, removal 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.I and as per direction of Engineer in Charge at site in all leads and lifts.	120.00			Per cubic metre.	
2	Providing and laying of boulder apron laid in wire crate with 4mm dia conforming to IS 280 and 48.26 mesh design including joints laid in boulder weighing not less than 25 kg each as per drawing and die technical specification clause 1301 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	140.62			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.I and as per direction of Engineer in Charge at site in all leads and lifts.	21.60			Per cubic metre.	
TOTAL						

Executive Engineer
Chopal Division,
HPPWD Chopal

DRAFT/SCHEDULED OF QUANTITY.

10

Estimated Cost Rs. 142812/-
Earnest Money Rs. 3000/-
Time Allowed Two months

Name of work : R/R damages on various roads during monsoon season 2022-23 under Dhabas Section of Chopal Sub Division (SH:
Removal of existing slips during monsoon season 2022-23).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut material with in lift up to 1.50m and lead up to 100m as per technical specification 1302.3.5 and 1611 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	1190.10			Per cubic metre	
TOTAL						


Executive Engineer
Chopal Division,
HPPWD Chopal.

DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost
Earnest Money
Time Allowed

Rs. 453390/-
Rs. 9500/-
Two Months

Name of work : R/R damage on Sainj Deha Chopal Nerwa Feduj road km. 20/0 to 90/0 (SH: C/o R/wall at km. R.D. 50/810 to 50/830)

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Earth work in excavation for foundation of structure up to 3m depth as per drawing and technical specification clause 1104 including setting out construction of shoring and bracing, removal 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.I and as per direction of Engineer in Charge at site in all leads and lifts.	80.00			Per cubic metre.	
2	P/I concrete to plain reinforced concrete 1:5:10 (one cement : five sand : ten graded stone aggregate 40mm nominal size) mixing by mechanical concrete mixture 0.40/0.28 cubic metre and vibrated mechanically so as to give a compressive strength and curing complete including the cost of form work as per drawing and technical specification clause 802, 803, 1202, 1203 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	100.00			Per cubic metre.	
3	Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment, wing wall, return wall 100mm dia PVC pipe extending through out the full width of the structure with slopes of 1 (V) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 1204.3.4 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	30.00			Each	
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.I and as per direction of Engineer in Charge at site in all leads and lifts.	13.20			Per cubic metre.	

Executive Engineer
Chopal Division,
HPPWD Chopal

DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost
Earnest Money
Time Allowed

Rs. 205071/-
Rs. 4200/-
Two Months

Name of work : Improvement of black spot on Chopal Chowkia Jhiknipul road km. 0/0 to 16/100 (SH: C/o protection wall at R.D. 1/250 to 1/275).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Earth work in excavation for foundation of structure up to 3m depth as per drawing and technical specification clause 1104 including setting out construction of shoring and bracing, removal 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.I and as per direction of Engineer in Charge at site in all leads and lifts	30.00			Per cubic metre.	
2	P/I concrete to plain reinforced concrete 1:5:10 (one cement : five sand : ten graded stone aggregate 40mm nominal size) mixing by mechanical concrete mixture 0.40/0.28 cubic metre and vibrated mechanically so as to give a compressive strength and curing complete including the cost of form work as per drawing and technical specification clause 802, 803, 1202, 1203 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts	42.18			Per cubic metre.	
3	P/L concrete to plain reinforced concrete 1:4:8 (one cement : four sand : eight graded stone aggregate 40mm nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clause 802, 803, 1202, 1203 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts	4.32			Per cubic metre.	
4	Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment, wing wall, return wall 100mm dia PVC pipe extending through out the full width of the structure with slopes of 1 (V) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 1204.3.4 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts	15.00			Per running metre	
TOTAL					Engineer	

Chopar Division,
HPPWD Chopar

DRAFT/SCHEDULED OF QUANTITY.

13

Estimated Cost
Earnest Money
Time Allowed

Rs. 406213/-
Rs. 8500/-
Two Months

Name of work : R/R damages on Chopal Bodhna Bavi road km. 0/0 to 5/0 (SH: C/o HPC 900mm dia at R.D. 0/480 and protection edge wall in between km. R.D. 0/585 to 0/635).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Earth work in excavation for foundation of structure up to 3m depth as per drawing and technical specification clause 1104 including setting out construction of shoring and bracing, removal 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.	38.25			Per cubic metre.	
2	P/L concrete to plain reinforced concrete 1:4:8 (one cement : four sand : eight graded stone aggregate 40mm nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clause 802, 803, 1202, 1203.	15.61			Per cubic metre.	
3	P/L concrete to plain reinforced concrete 1:5:10 (one cement : five sand : ten graded stone aggregate 40mm nominal size) mixing by mechanical concrete mixture 0.40/0.28 cubic metre and vibrated mechanically so as to give a compressive strength and curing complete including the cost of form work as per drawing and technical specification clause 802, 803, 1202, 1203.	71.25			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.	9.36			Per cubic metre.	
5	Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment, wing wall, return wall 100mm dia PVC pipe extending through out the full width of the structure with slopes of 1 (v) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 1204.3.4.	21.00			Per running metre	

Executive Engineer
Chopal Division
HPPWD Chopal

DRAFT/SCHEDULED OF QUANTITY.

(14)

Estimated Cost
Earnest Money
Time Allowed

Rs. 499362/-
Rs. 10000/-
Two Months

Name of work : R/R damages on Dhabas to Baghar road km. 0/0 to 10/330 (SH: C/o R/wall in between km. R.D. 7/835 to 7/850, B/wall at R.D. 7/830 to 7/850 & 8/860 to 8/880).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Earth work in excavation for foundation of structure up to 3m depth as per drawing and technical specification clause 1104 including setting out construction of shoring and bracing, removal 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.	90.00			Per cubic metre.	
2	P/I concrete to plain reinforced concrete 1:5:10 (one cement : five sand : ten graded stone aggregate 40mm nominal size) mixing by mechanical concrete mixture 0.40/0.28 cubic metre and vibrated mechanically so as to give a compressive strength and curing complete including the cost of form work as per drawing and technical specification clause 802, 803, 1202, 1203.	86.40			Per cubic metre.	
3	Providing and laying of boulder apron laid in wire crate with 4mm dia conforming to IS 280 and 48.26 mesh design including joints laid in boulder weighing not less than 25 kg each as per drawing and technical specification clause 1301.	47.31			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.	9.00			Per cubic metre.	
5	Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment, wing wall, return wall 100mm dia PVC pipe extending through out the full width of the structure with slopes of 1 (v) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 1204.3.4.	36.00			Per running metre	

Executive Engineer
Chopal Division,
HPPWD Chopal.

DRAFT/SCHEDULED OF QUANTITY.

15

Estimated Cost
Earnest Money
Time Allowed

Rs. 499909/-
Rs. 10000/-
Two Months

Name of work : R/R damages on Sainj Chopal Nerwa Feduj road km. 20/0 to 90/0 (SH: C/o R/wall in between km. R.D. 40/909 to 40/918).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Earth work in excavation for foundation of structure up to 3m depth as per drawing and technical specification clause 1104 including setting out construction of shoring and bracing, removal 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.I and as per direction of Engineer in Charge at site in all leads and lifts.	89.10			Per cubic metre.	
2	P/L concrete to plain reinforced concrete 1:4:8 (one cement : four sand : eight graded stone aggregate 40mm nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clause 802, 803, 1202, 1203 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	95.57			Per cubic metre.	
3	Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment, wing wall, return wall 100mm dia PVC pipe extending through out the full width of the structure with slopes of 1 (V) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 1204.3.4 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	21.00			Each	
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.I and as per direction of Engineer in Charge at site in all leads and lifts.	50.92			Per cubic metre.	

Executive Engineer
Chopal Division,
HPPWD Chopal.

DRAFT/SCHEDULED OF QUANTITY.

16

Estimated Cost
Earnest Money
Time Allowed

Rs. 499960/-
Rs. 10000/-
Two Months

Name of work : R/R damages on Sainij Chopal Nerwa Feduj road km. 20/0 to 90/0 (SH: C/o R/wall in between km. R.D. 46/508 to 46/516 and 46/583 to 46/590).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Earth work in excavation for foundation of structure up to 3m depth as per drawing and technical specification clause 1104 including setting out construction of shoring and bracing, removal 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.I and as per direction of Engineer in Charge at site in all leads and lifts.	56.00			Per cubic metre.	
2	P/L concrete to plain reinforced concrete 1:4:8 (one cement : four sand : eight graded stone aggregate 40mm nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clause 802, 803, 1202, 1203 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	105.36			Per cubic metre.	
3	Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment, wing wall, return wall 100mm dia PVC pipe extending through out the full width of the structure with slopes of 1 (v) : 20(h) towards drawing face complete as per drawing and technical specification clause 614, 709, 1204.3.4 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	25.00			Each	
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.I and as per direction of Engineer in Charge at site in all leads and lifts.	11.10			Per cubic metre.	

Executive Engineer
Chopal Division,
HPPWD Chopal.

DRAFT/SCHEDULED OF QUANTITY.

(17)

Estimated Cost
Earnest Money
Time Allowed

Rs. 499095/-
Rs. 10000/-
Two Months

Name of work : R/R damages on Sainj Chopal Nerwa Feduj road km. 20/0 to 90/0 (SH: C/o R/wall in C.C. 1:4:8 25mm size agg. in between km. R.D. 46/568 to 46/583).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Earth work in excavation for foundation of structure up to 3m depth as per drawing and technical specification clause 1104 including setting out construction of shoring and bracing, removal 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.I and as per direction of Engineer in Charge at site in all leads and lifts.	195.00			Per cubic metre.	
2	P/L concrete to plain reinforced concrete 1:4:8 (one cement : four sand : eight graded stone aggregate 40mm nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clause 802, 803, 1202, 1203 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	96.66			Per cubic metre.	
3	Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment, wing wall, return wall 100mm dia PVC pipe extending through out the full width of the structure with slopes of 1 (V) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 1204.3.4 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	27.00			Each	
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.I and as per direction of Engineer in Charge at site in all leads and lifts.	22.50			Per cubic metre.	

Executive Engineer
Chopal Division,
HPPWD Chopal

DRAFT/SCHEDULED OF QUANTITY.

(12)

Estimated Cost
Earnest Money
Time Allowed

Rs. 478052/-
Rs. 9600/-
Two Months

Name of work : R/R damages on Maraog to Matal road km. 0/0 to 18/500 (SH: C/o wire crated R/wall in between km. R.D. 17/160 to 17/195).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Earth work in excavation for foundation of structure up to 3m depth as per drawing and technical specification clause 1104 including setting out construction of shoring and bracing, removal 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.I and as per direction of Engineer in Charge at site in all leads and lifts.	141.38			Per cubic metre.	
2	Disposal of excavated material upto a lead of 1000m as per IRC norms and specifications and as per HPPWD guidelines including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	141.38			Per cubic metre.	
3	Providing and laying of boulder apron laid in wire crate with 4mm dia conforming to IS 280 and 48.26 mesh design including joints laid in boulder weighing not less than 25 kg each as per drawing and technical specification clause 1301 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	175.78			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.I and as per direction of Engineer in Charge at site in all leads and lifts.	60.94			Per cubic metre.	

Executive Engineer
Chopati Division,
HPPWD Chopati

DRAFT/SCHEDULED OF QUANTITY.

13

Estimated Cost Rs. 191855/-
Earnest Money Rs. 4000/-
Time Allowed Two months

Name of work : R/R damages on various roads during monsoon season 2022-23 under Maraog Section of Chopal
Sub Division (SH: Restoration of slips and dressing of roads and clearance of drain).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut material with in lift up to 1.50m and lead up to 100m as per technical specification 1302.3.5 and 1611 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	1668.30			Per cubic metre	
TOTAL						

Executive Engineer
Chopal Division,
HPPWD Chopal

DRAFT/SCHEDULED OF QUANTITY.

20

Estimated Cost Rs. 158210/-
Earnest Money Rs. 3500/-
Time Allowed Two months

Name of work : R/R damages on various roads during monsoon season 2022-23 under Sarain Section of Chopal
Sub Division (SH: Restoration of slips and dressing of roads and clearance of drain).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slips and disposal of cut material with in lift up to 1.50m and lead up to 100m as per technical specification 1302.3.5 and 1611 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	1375.74			Per cubic metre	
TOTAL						

Executive Engineer
Chopai Division,
HPPWD Chopai

DRAFT/SCHEDULED OF QUANTITY.

21

Estimated Cost Rs. 122727/-
Earnest Money Rs. 2500/-
Time Allowed Two months

Name of work : R/R damages on various roads during monsoon season 2022-23 under Pulbahal Section of
Chopal Sub Division (SH: Restoration of slips and dressing of roads and clearance of drain).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut material with in lift up to 1.50m and lead up to 100m as per technical specification 1302.3.5 and 1611 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	1115.70			Per cubic metre	
TOTAL						

Executive Engineer
Chopal Division,
HPPWD Chopal.

DRAFT/SCHEDULED OF QUANTITY.

22

Estimated Cost
Earnest Money
Time Allowed

Rs. 476427/-
Rs. 9600/-
Two Months

Name of work : R/R damages on Chambli to Badlog road km. 0/0 to 4/500 (SH: C/o wire crated R/wall in between km. R. D. 1/320 to 1/337.50).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Earth work in excavation for foundation of structure up to 3m depth as per drawing and technical specification clause 1104 including setting out construction of shoring and bracing, removal 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.I and as per direction of Engineer in Charge at site in all leads and lifts.	136.68			Per cubic metre.	
2	Providing and laying of boulder apron laid in wire crate with 4mm dia conforming to IS 280 and 48.26 mesh design including joints laid in boulder weighing not less than 25 kg each as per drawing and technical specification clause 1301 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	164.06			Per cubic metre.	
3	P/L concrete to plain reinforced concrete 1:4:8 (one cement : four sand : eight graded stone aggregate 40mm nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clause 802, 803, 1202, 1203 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	9.45			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.I and as per direction of Engineer in Charge at site in all leads and lifts.	44.85			Per cubic metre.	
TOTAL						

Executive Engineer
Chopal Division,
HPPWD Chopal.

DRAFT/SCHEDULED OF QUANTITY.

23

Estimated Cost
Earnest Money
Time Allowed
Rs. 480016/-
Rs. 9600/-
Two Months

Name of work : R/R damages on Maraog to Matal road km. 0/0 to 18/500 (SH: C/o wire crated R/wall in between km. R. D. 5/825 to 5/840 and 16/825 to 16/836).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Earth work in excavation for foundation of structure up to 3m depth as per drawing and technical specification clause 1104 including setting out construction of shoring and bracing, removal of stumps and other deleterious matter dressing of side and bottom and backfilling with approved material.	72.75			Per cubic metre.	
2	Providing and laying of boulder apron laid in wire crate with 4mm dia conforming to IS 280 and 48.26 mesh design including joints laid in boulder weighing not less than 25 kg each as per drawing and technical specification clause 1301.	70.31			Per cubic metre.	
3	P/I concrete to plain reinforced concrete 1:5:10 (one cement : five sand : ten graded stone aggregate 40mm nominal size) mixing by mechanical concrete mixture 0.40/0.28 cubic metre and vibrated mechanically so as to give a compressive strength and curing complete including the cost of form work as per drawing and technical specification clause 802, 803, 1202, 1203.	48.95			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.	65.42			Per cubic metre.	
5	Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment, wing wall, return wall 100mm dia PVC pipe extending through out the full width of the structure with slopes of 1 (v) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 1204.3.4.	33.00			Each	
TOTAL						

Executive Engineer
Chopal Division,
HPPWD Chopal

DRAFT/SCHEDULED OF QUANTITY.

24

Estimated Cost
Earnest Money
Time Allowed

Rs. 364966/-
Rs. 7500/-
Two Months

Name of work : R/R damages on Sarain to Jhokhar road km. 0/0 to 14/200 (SH: C/o wire crated B/wall in between km. R.D. 10/500 to 10/545).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Earth work in excavation for foundation of structure up to 3m depth as per drawing and technical specification clause 1104 including setting out construction of shoring and bracing, removal 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.I and as per direction of Engineer in Charge at site in all leads and lifts.	180.00			Per cubic metre.	
2	Disposal of excavated material upto a lead of 1000m as per IRC norms and specifications and as per HPPWD guidelines including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts..	180.00			Per cubic metre.	
3	Providing and laying of boulder apron laid in wire crate with 4mm dia conforming to IS 280 and 48.26 mesh design including joints laid in boulder weighing not less than 25 kg each as per drawing and diechnical specification clause 1301 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	140.63			Per cubic metre.	
4	Back filling behind abutment wing wall and returning wall complete as per dawning 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.I and as per direction of Engineer in Charge at site in all leads and lifts.	16.88			Per cubic metre.	
TOTAL						

Executive Engineer
Chopal Division,
HPPWD Chopak

DRAFT/SCHEDULED OF QUANTITY.

25

Estimated Cost
Earnest Money
Time Allowed
Rs. 303075/-
Rs. 6200/-
Two Months

Name of work : R/R damages on Dhabas to Sarain road km. 0/0 to 10/0 (SH: C/o B/wall in PCC 1:5:10 at R.D. 9/120 to 9/150).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Earth work in excavation for foundation of structure up to 3m depth as per drawing and technical specification clause 1104 including setting out construction of shoring and bracing, removal 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.I and as per direction of Engineer in Charge at site in all leads and lifts.	86.31			Per cubic metre.	
2	P/I concrete to plain reinforced concrete 1:5:10 (one cement : five sand : ten graded stone aggregate 40mm nominal size) mixing by mechanical concrete mixture 0.40/0.28 cubic metre and vibrated mechanically so as to give a compressive strength and curing complete including the cost of form work as per drawing and technical specification clause 802, 803, 1202, 1203 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts..	63.00			Per cubic metre.	
3	Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment, wing wall, return wall 100mm dia PVC pipe extending through out the full width of the structure with slopes of 1 (v) : 20(h) towards drawing face complete as per drawing and technical specification clause 614, 709, 1204.3.4 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts..	60.00			Each	
TOTAL						

Executive Engineer
Chopal Division,
HPPWD Chopal

DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost Rs. 475110/-
Earnest Money Rs. 10000/-
Time Allowed Two Months

Name of work : R/R damages on Pulbahal kalinchi to Lihai road km. 0/0 to 9/0 (SH: C/o R/wall in PCC 1:4:8 in between km. R.D. 8/210 to 8/240).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Earth work in excavation for foundation of structure up to 3m depth as per drawing and technical specification clause 1104 including setting out construction of shoring and bracing, removal 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.I and as per direction of Engineer in Charge at site in all leads and lifts.	45.00			Per cubic metre.	
2	P/L concrete to plain reinforced concrete 1:4:8 (one cement : four sand : eight graded stone aggregate 40mm nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clause 802, 803, 1202, 1203 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	94.80			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.I and as per direction of Engineer in Charge at site in all leads and lifts.	10.20			Per cubic metre.	
4	Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment, wing wall, return wall 100mm dia PVC pipe extending through out the full width of the structure with slopes of 1 (v) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 1204.3.4 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	63.00			Each	
TOTAL						

Executive Engineer
Chopai Division,
HPPWD Chopai.

DRAFT/SCHEDULED OF QUANTITY.

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Estimated Cost : Rs. 499867/-
Earnest Money : Rs. 10000/-
Time allowed Two months

NAME OF WORK : R/R damages on Salana to Jhina road km. 0/0 to 5/500 (SH: Cutting in earth work in between km. R.D. 5/490 to 5/512.50).

Sl. No.	Description of item	Qty.	Rate		Unit.	Amount
			In figure	In words.		
1	Excavation in earth work in hilly area all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, in conformity with the requirement of technical specification for Rural Roads clause 1600 and 300, 8.3 (ii)(iv)(v) to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal of unsuitable cut material in specified manner, trimming, filling of uneven ness, blind age and finishing of the road to specified dimensions or as directed by the Engineer-in-charge for smooth riding. At least 228.08 Cubic metre useful stone shall be recovered from the contractor in each running bill as per pro-rata basis @ Rs. 170/- (Rupees one hundred seventy) per cum will be made. Any loss to the public and private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	3800.40			Per Cubic Metre.	
TOTAL						

Executive Engineer
Chopar Division,
HPPWD Chopal.

DRAFT/SCHEDULED OF QUANTITY.

(128)

Estimated Cost
Earnest Money
Time Allowed

Rs. 496665/-
Rs. 10000/-
Two Months

Name of work : R/R damages on Thekra to Bagna road km. 0/0 to 1/780 (SH: C/o wire crated R/wall in between km. R.D. 1/660 to 1/710).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Cutting in soil in hilly area by mechanical means including disposal of cut material within left up to 1.5m and lead up to 50 m as per technical specification including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	81.00			Per cubic metre.	
2	Earth work in exavation for structure as per drawing and technical specification clause 305.1 including setting out construction of shoring bracing and removal of stumps and other deleterious material and disposal up to 50m lead dressing of side slope and bottom back filling in trenches with excavated suitable material and including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	54.00			Per cubic metre.	
3	Providing and laying of boulder apron laid in wire crate with 4mm dia conforming to IS 280 and 48.26 mesh design including joints laid in boulder weighing not less than 25 kg each as per drawing and dtechnical specification clause 1301 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	216.00			Per cubic metre.	
TOTAL						

DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost
Earnest Money
Time Allowed

Rs. 188205/-
Rs. 4000/-
Two Months

Name of work : R/R damages on Nerwa to Bamta road km. 0/0 to 23/0 (SH: C/o of PCC R/wall in between km. R.D. 0/190 to 0/210).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Earth work in excavation for foundation of structure up to 3m depth as per drawing and technical specification clause 1104 including setting out construction of shoring and bracing, removal 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.I and as per direction of Engineer in Charge at site in all leads and lifts.	21.45			Per cubic metre.	
2	P/L concrete to plain reinforced concrete 1:4:8 (one cement : four sand : eight graded stone aggregate 40mm nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clause 802, 803, 1202, 1203 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts..	40.50			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.I and as per direction of Engineer in Charge at site in all leads and lifts.	9.33			Per cubic metre.	
4	Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment, wing wall, return wall 100mm dia PVC pipe extending through out the full width of the structure with slopes of 1 (V) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 1204.3.4 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts..	20.00			Per running metre	

Executive Engineer
Chopal Division,
HPPWD Chopat

DRAFT/SCHEDULED OF QUANTITY.

30

Estimated Cost Rs. 69300/-
Earnest Money Rs. 1500/-
Time Allowed Two months

Name of work : R/R damages on Nerwa to Banta road km. 0/0 to 23/0 (SH: Removal of slips in different RDs).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut material with in lift up to 1.50m and lead up to 100m as per technical specification 1302.3.5 and 1611 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.	630.00			Per cubic metre	
TOTAL						

Executive Engineer
Chopar Division,
HPPWD Chopar

DRAFT/SCHEDULED OF QUANTITY.

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Estimated Cost
Earnest Money
Time Allowed
Rs. 300000/-
Rs. 6000/-
Two months

Name of work : R/R damages on Mashrain to Pouria road km. 0/0 to 7/0 (SH: Hiring of LNT with breaker).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
1	Hiring of L & T with breaker for widening and dressing of road in various reaches including the charges of P.O.L. Repair and maintenance and wages of Driver/Operator and all carriage of unserviceable and material and stacked serviceable material all leads and lifts 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. Any loss of machinery and loss of land of the adjoining land owners will be born by the supplier/owner at his own risk and cost.	75.00			Per hour	
TOTAL						

NOTE :

- 1 POL charges and all bear and tear shall be born by the contractor/owner of machine.
- 2 The destination where the L & T required at Mashrain.
- 3 If the machinery is not provided with in call of 4 hours the penalty of Rs. 1000/- per hour will be recovered and that will be maximum of Rs.15000/- and security deposited with this department will also be forfeited.

Executive Engineer
Chopal Division,
HPPWD Chopal.

DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost
Earnest Money
Time Allowed

Rs. 245430/-
Rs. 5000/-
Two Months

Name of work : R/R damages on Thana Basti in G.P. Thana Bodhana H.B. Lajonth Chopal-II road km. 0/0 to 2/300 under SCDP (SH: C/o HPC 900mm dia at R.D. 0/015 and wire crated B/wall in between km. R.D. 0/215 to 0/235).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Earth work in excavation for foundation of structure up to 3m depth as per drawing and technical specification clause 1104 including setting out construction of shoring and bracing, removal of stumps and other deleterious matter dressing of side and bottom and backfilling with approved material.	21.45			Per cubic metre.	
2	P/L concrete to plain reinforced concrete 1:4:8 (one cement : four sand : eight graded stone aggregate 40mm nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clause 802, 803, 1202, 1203.	17.50			Per cubic metre.	
3	Providing and laying reinforcement cement concrete pipe NP2 for culvert on first class bedding of granular material in single row including fixing collar with cement mortar 1:3 but excluding excavation protection work back filling, concrete and masonry work in head walls and parapets clause 1301.	5.00			Per running metre	
4	Providing and laying of boulder apron laid in wire crate with 4mm dia conforming to IS 280 and 48.26 mesh design including joints laid in boulder weighing not less than 25 kg each as per drawing and technical specification clause 1301.	62.00			Per cubic metre.	
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.I and as per direction of Engineer in Charge at site in all leads and lifts.	2.33			Per cubic metre.	
TOTAL						

Executive Engineer
Chopal Division,
HPPWD Chopal.

DRAFT/SCHEDULED OF QUANTITY.

33

Estimated Cost Rs. 397100/-
Earnest Money Rs. 8000/-
Time Allowed Two months

Name of work : Repair and maintenance of Gayahu Nalla to village Gayahu road km. 0/0 to 3/0 (SH: Removal of slips in between km. R.D. 0/0 to 3/0).

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut material with in lift up to 1.50m and lead up to 100m as per technical specification 1302.3.5 and 1611 including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I and as per direction of Engineer in Charge at site in all leads and lifts.	3610.00			Per cubic metre	
TOTAL						

Executive Engineer
Chopar Division
HPPWD Chopar