

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT
INVITATION FOR BIDS (IFB)

Office 01783-260033

Email : ee-cho-hp@nic.in

No. PW.CHD.CB.E-9/2023-

265-364

Dated : 20/4/23

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 | : 02.05.2023 up to 04:00 PM |
| 2. | Date and time of issue of tender form | : 02.05.2023 04:00 PM to 05:00 PM |
| 3. | Date and time of receipt of tenders | : 03.05.2023 11:00 AM |
| 4. | Date and time of opening of tender | : 03.05.2023 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 Nerwa to Deiya road km. 0/0 to 17/0 (SH: C/o PCC/wire crates R/wall in between km. R.D. 3/195 to 3/207.50).	491292/-	10000/-	350/-	Two months	Class D or above
2.	Name of work : R/R damages on Riuni to Khagna road km. 0/0 to 10/350 (SH: C/o B/wall in between km. R.D. 8/375 to 8/390).	149935/-	3000/-	350/-	Two months	Class D or above
3.	Name of work : R/R damages on Riuni to Khagna road km. 0/0 to 10/350 (SH: C/o R/wall in between km. R.D. 8/372.50 to 8/385).	229727/-	5500/-	350/-	Two months	Class D or above
4.	Name of work : A/R & M/O Belog to Ruslah road km. 0/0 to 9/560 (SH: C/o wire crated R/wall in between km. R.D. 9/530 to 9/545 and B/wall at R.D. 9/375 to 9/395 & 9/540 to 9/550).	359016/-	8000/-	350/-	Two months	Class D or above
5.	Name of work : A/R & M/O Belog to Ranvi road km. 0/0 to 12/0 (SH: C/o wire crated R/wall in between km. R.D. 11/015 to 11/035).	455138/-	10000/-	350/-	Two months	Class D or above
6.	Name of work : R/R damages on Sainj Chopal Nerwa Feduj road 20/0 to 90/0 (SH: C/o PCC/wire crates R/wall in between km. R.D. 59/510 to 59/514, 64/015 to 64/030 and 68/915 to 68/940).	480848/-	10000/-	350/-	Two months	Class D or above
7.	Name of work : A/R & M/O Belog to Ranvi road km. 0/0 to 12/0 (SH: C/o B/wall in between km. R.D. 11/240 to 11/255).	194237/-	4000/-	350/-	Two months	Class D or above
8.	Name of work : R/R damages on Belog to Ranvi road km. 0/0 to 12/0 (SH: C/o wire crated R/wall in between km. R.D. 10/780 to 10/797).	402420/-	8500/-	350/-	Two months	Class D or above
9.	Name of work : Repair and maintenance of old AE office in Shallu Sub Division HPPWD Nerwa District Shimla HP	407522/-	9000/-	350/-	Two months	Class D or above

10.	Name of work : C/o Primary Health Centre building at Bamta Tehsil Chopal District Shimla (SH: C/o stair case, wire gauge shutters, glass panes, distempering and painting etc.).	499023/-	10000/-	350/-	Two months	Class D or above
11.	Name of work : C/o road from Nohra to Bag Harijan Basti km. 0/0 to 2/0 (SH: Cutting in earth work in between km. R.D. 0/900 to 1/350).	464400/-	10000/-	350/-	Two months	Class D or above
12.	Name of work : R/R damages on Jhari to Lastadhar road km. 0/0 to 5/0 (SH: Removal of existing slips in between km. R.D. 3/0 to 5/0).	94323/-	2000/-	350/-	Two months	Class D or above
13.	Name of work : R/R damages on Chopal Deot Kumbra road km. 0/0 to 18/300 (SH: C/o PCC protection B/wall in between km. R.D. 10/860 to 10/870 and 12/075 to 12/087).	447704/-	10000/-	350/-	Two months	Class D or above
14.	Name of work : C/o Nerwa to Harijan Basti Katahan (College road) (SH: Cutting in earth work in between km. R.D. 0/795 to 0/855).	93454/-	2000/-	350/-	Two months	Class D or above
15.	Name of work : R/R damages on Pabas to Mashron Shillikain road km. 0/0 to 14/200 (SH: Removal of existing slips in between km. 3/0 to 8/0).	295000/-	6000/-	350/-	Two months	Class D or above
16.	Name of work : A/R & M/O BMT road km. 0/0 to 18/0 (SH: C/o R/wall in between km. 17/640 to 17/655).	172644/-	4000/-	350/-	Two months	Class D or above
17.	Name of work : A/R & M/O road from Kanbag to village Kanbag km. 0/0 to 0/400 (SH: Cutting and re-grading of road in between km. R.D. 0/0 to 0/195).	312998/-	6500/-	350/-	Two months	Class D or above
18.	Name of work : Restoration of rain damages on Nerwa Bijmal road (SH: C/o R/wall in wire crate in between km. R.D. 3/435 to 3/455).	440457/-	9000/-	350/-	Two months	Class D or above
19.	Name of work : Restoration of rain damages on Nerwa Bassa Rinjet Deiya road (SH: C/o B/wall in wire crate in between km. R.D. 4/650 to 4/710).	489891/-	10000/-	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

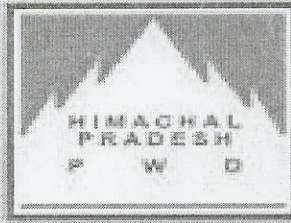
It is to certify that tender for the above works are urgently required please.

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



No. PW.CHD.CB.E-9/2023-

365-67

Dated : 20/4/23


To

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

Subject :- Publication of Tender Notice.

Sir,

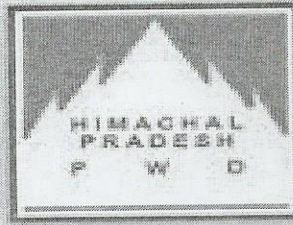
Enclosed please find herewith the tender notice of work(s) as given in the Notice Inviting Tender for uploading on departmental website as per notification vide Pr. Secy. (PW) to the Government of Himachal Pradesh letter No. PBW(B)1/2020 dated 27th May, 2021 and PBW(B)A(3)1/2020 dated 16th July, 2021 and even file dated 12.01.2023 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.

1
Executive Engineer,
Chopal Division,
HPPWD Chopal.



CERTIFICATE

Certified that the tender(s) of work(s) as called vide this
office NIT No. PW.CHD.CB.C-9/2023- 265-364 dated
20/04/23 are of urgent nature work(s).


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

DRAFT/SCHEDULED OF QUANTITY/Day

Name of work		Restoration of rain Damage on Nerwa to Deiya road km 0/00 to 17/00			Estimated Cost		Rs. 491292
		(SH: C/O P.C.C/ wire crated R/wall in between R.D. 3/195 to 3/207.50)			Earnest Money		Rs. 10000
					Time Allowed		Two Months
Sl. No	Description of item	Qty.	Rate	In figure	In words	Unit	Amount
1	Excavation in 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 20mts as per drawing and technical specifications clause 1603.2 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	53.62				Per cubic metre	
2	Excavation in 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 20mts as per drawing and technical specifications clause 1603.2 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	21.88				Per cubic metre	
3	Providing and laying PCC 1:4:8 in for structure and curing 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.1 and as per direction of Engineer in Charge at site in all leads and lifts	50.00				Per cubic metre	
4	Providing weep holes in brick masonry plain/reinforced concrete abutment wing wall retaining wall with 100mm dia AC pipe extending through the full width of the structures with slope of 1 (v) 20 (h) towards drawing face complete as per drawing and technical specification clause 614.709, 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	26.00				Per running 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.1 and as per direction of Engineer in Charge at site in all leads and lifts	24.00				Per cubic metre	

6	Providing and laying reinforcement cement concrete pipe 102 900mm dia for culvert 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 works 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.	5.00				Per running metre.	
7	Providing and laying of boulder apron laid in wire crate with 4mm dia G.I. wire conforming Is. 280 and Is.4826 in 100x100mm mesh including 10 per cent extra and joints laid with stone boulders weighing not less than 25kg 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.	117.00				Per cubic metre.	
						Total	


 Executive Engineer
 Irrigation Division (B & M)
 G.P.W.D. Chopra

DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost	Rs. 149935
Earnest Money	Rs. 3000
Time Allowed	Two Months

Name of work : Restoration of rain Damage on Reuni to Khagna road
(SH.C/O B/Wall in between R.D. 8/375 to 8/390)
Km 070 to 101/350

Sl. No	Description of item	Qty.	Rate		Unit	Amount
			In figure	In words		
1	Excavation in earth work in structure work in foundation in c/o structure work as per site as per HPPWD specification 1990 vol.1 it all carriage of labour material equipments site the specification. 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	54.00			Per cubic metre	
2	Providing and laying plain cement concrete 1:5:10 (1 cement : 5 sand : 10 graded stone aggregate 40 mm nominal dia mixing by mechanical concrete mixing 0.4/0.28 cubic metre & 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.	32.40			Per cubic metre	
3	Providing weep holes in brick masonry plain/reinforced concrete abutment wing wall retaining wall with 100mm dia AC pipe extending through the full width of the structures with slope of 1 (v) 20 (h) towards drawing face complete as per drawing and technical specification clause 614,709,1204.3.7. 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.	19.00			Per running metre	
					Total	

Signature
R.D. 8/375 to 8/390

DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost	Rs. 229727
Earnest Money	Rs. 5000 5500/-
Time Allowed	Two Months

Name of work : Restoration of rain Damage on Reuni to Khagna road (SH/C/O R/Wall in between km R.D. 8/372.50 to 8/385)					
Sl. No	Description of item	Qty.	Rate	Unit	Amount
			In figure	In words	
1	Excavation in earth work instructure work in foundation all kinds of soil in foundation in c/o structure work as per site as per HPPWD specification 1990 vol.1 it all carriage of labour material equipments site the specification. 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	62.50		Per cubic metre	
2	Providing and laying plain cement concrete 1:5:10 (1 cement : 5 sand : 10 graded stone aggregate 40 mm nominal dia mixing by mechanical concrete mixing 0.4/0.28 cubic metre & viberated 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	22.50		Per cubic metre	
3	Providing and laying of boulder apron laid in wire crate with 4mm dia G.I. wire conforming Is. 280 and Is.4826 in 100x100mm mesh including 10 per cent extra and joints laid with stone boulders weighing not less than 25kg 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.	58.59		Per cubic metre	
				Total	

Dr. C. H. Choudhary
Executive Engineer (D & B)
R.P.W.D. Chopal

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DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost	Rs. 359016
Earnest Money	Rs. 8 000
Time Allowed	Two Months

Name of work : A/R & M/O Belog to Ruslah road km 0/0 to 9/560							
(SH: C/O wire crated R/wall at RD 9/530 to 9/545 , B/wall at RD 9/375 to 9/395 & 9/540 to 9/550 .)							
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 1603.2 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	70.60				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 mtr dressing of sides and bottom backfilling in 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	41.20				Per cubic metre	
3	Providing and laying of boulder apron laid in wire crate with 4mm dia G.I. wire conforming Is: 280 and Is:4826 in 100x100mm mesh including 10 per cent extra and joints laid with stone boulders weighing not less than 25kg 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	165.60				Per cubic metre	
4	Stone 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	11.70				Per cubic metre	
						Total	

Chief Engineer
Division (B & R)
A.P.R.D. Chopal

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DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost	Rs. 455138
Earnest Money	Rs. 10000
Time Allowed	Two Months

Name of work : A/R & M/O Belog to Ranvi road km 0/0 to 12/0 (SH: C/O Wire crated R/wall between km RD 11/0/15 to 11/0/35 .)						
Sl. No	Description of item	Qty.	Rate		Unit	Amount
			In figure	In words		
1	Cutting in 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 20mts as per drawing and technical specifications clause 1603.2 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.	80.00			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 mtr dressing of sides and bottom backfilling in 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.	36.00			Per cubic metre.	
3	Providing and laying of boulder apron laid in wire crate with 4mm dia G.I. wire conforming to Is. 280 and Is.4826 in 100x100mm mesh including 10 per cent extra and joints laid with stone boulders weighing not less than 25kg 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.	195.84			Per cubic metre.	
4	Stone 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.	6.30			Per cubic metre.	
					Total	

Checked by
B. D. D. D.
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DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost	Rs 480848
Earnest Money	Rs 10000
Time Allowed	Two Months

Name of work : Restoration of rain Damage on Sainj Chopal Nerwa Feduj road km 20/0 to 90/0						
(SH.C/O PCC/wire cables R/way below R D 59/510 to 59/514.37, 64/015 to 64/030 and 68/915 to 68/940)						
Sl. No	Description of item	Qty.	Rate	In figure	In words	Unit
						Amount
1	Excavation in 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 1603.2 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.	126.61				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 mtr dressing of sides and bottom backfilling in 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.	30.18				Per cubic metre
3	Providing and laying of boulder apron laid in wire crate with 4mm dia G.I. wire conforming Is. 280 and Is 4826 in 100x100mm mesh including 10 per cent extra and joints laid with stone boulders weighing not less than 25kg 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.	89.70				Per cubic metre
4	Providing and laying plain cement concrete 1:4:8 (1 cement : 4 sand : 8 graded stone aggregate 40mm nominal size mixing by mechanical concrete mixing 0.4/0.28 cubic metre & 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.	54.14				Per cubic metre

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Estimated Cost	Rs. 194237
Earnest Money	Rs. 4000
Time Allowed	Two Months

Name of work	A/R & M/O Belog to Ranvi road km 0/0 to 12/0
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Sl. No	Description of item	Qty.	Rate	In words	Unit	Amount
			In figure			
1	Excavation in 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 20mts as per drawing and technical specifications clause 1603.2 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.	23.55			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 mtr dressing of sides and bottom backfilling in 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.	6.75			Per cubic metre.	
3	P/I concrete to plain reinforced concrete (1:4:8) and curing complete including the cost of farmwork for plain/reinforced concrete in retaining walls breast walls as per drawing and HPPWD 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 1 and as per direction of Engineer in Charge at site in all leads and lifts.	37.15			Per cubic metre	
4	Providing weep holes in brick masonry plain/reinforced concrete abutment wing wall retaining wall with 100mm dia AC pipe extending through the full width of the structures with slope of 1 (v) 20 (h) towards drawing face complete as per drawing and technical specification clause 614.709, 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.	30.00			Per running metre	
					Total	

~~July 1944~~

8

DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost	Rs 402420
Earnest Money	Rs 8500
Time Allowed	Two Months

Name of work : Restoration of rain Damage on Belog to Ranvi road <i>km 24 to 25</i>						
(SH C/O Wire crate R/wall between R.D 10/780 to 10/790.50 .)						
Sl. No	Description of item	Qty.	Rate	In words	Unit	Amount
			In figure			
1	Cutting in 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 20mts as per drawing and technical specifications clause 1603.2 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	49.50			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 mtr dressing of sides and bottom backfilling in 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	17.15			Per cubic metre	
3	Providing and laying of boulder apron laid in wire crate with 4mm dia G.I wire conforming to IS 280 and IS 4826 in 100x100mm mesh including 10 per cent extra and joints laid with stone boulders weighing not less than 25kg 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	160.00			Per cubic metre	
4	Stone 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	17.48			Per cubic metre	

5	Removal of land slide in hilly area in ordinary rock not requiring blasting by machinivcal means including cutting and trimming of slopes and disposal of cut material with in lift upto 1.50m and lead of 50m as per technical specification clause 302.3.5 and 16.11. 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	219.70				Per cubic metre.	
						Total	


 B. P. Chopra
 Divisional Engineer (D & R)
 Division (D & R)

DRAFT/SCHEDULED OF QUANTITY.

Name of work :

Repair and Maintenance of old AE Office in Shailu Sub-Division HPPWD Nerwa Distt Shimla (H.P.)

Estimated Cost	Rs. 407522
Earnest Money	Rs. 9000
Time Allowed	Two Months

Sl. No	Description of item	Qty.	Rate		Unit	Amount
			In figure	In words		
1	P/I concrete to plain reinforced concrete (1:5:10) and curing complete including the cost of farmwork for plain/reinforced concrete in retaining walls breast walls as per drawing and HPPWD 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.1 and as per direction of Engineer in Charge at site in all leads and lifts.	4.86			Per cubic metre	
2	Cement concrete flooring 1:2:4 (1 cement : 2 sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete 40mm thick with 20mm nominal size stone aggregate 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.	33.37			Per square metre.	
3	Demolishing cement concrete manually by mechanical means including disposal of material within 50 metres lead as per direction of Engineer-in-Charge. 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.	4.86			Per cubic metre.	
4	Providing and laying vitrified tiles in different sizes wit hwater absorption less than 0.08 % and conforming to I.S 15622 of approved make in all coplours & shade in jointing withgrey cement slurry @ 3.3 kg sqm including grouting the joint with white cement & matching pigments etc complete size of tile 600X600 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.	60.19			Per square metre	

5	Providing and fixing 10mm thick anti skid water proof stain and impact resistant heavy duty verified tiles Kajaria Nitco AGL or equivalent 600mmX600mmX10mm manufactured of approved shade pattern and colour in flooring treads of steps and landings laid over 12 mm thick cement mortar 1:3 (1 cement : 3 sand) jointed with cement slurry mixed with pigment to match the shade of tiles as required 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.	2.82				Per square metre	
6	White glazed tiles 6mm thick in skirting riser of steps and dado 12mm thick cement mortar 1:3 (1 cement : 3 sand) and jointed with cement slurry 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.	13.14				Per square metre	
7	Providing and fixing vitreous china wash down water closet with integral P or S trap including jointing th trap with soil pipe in cement mortar 1:1 (1 cement : 1 sand) sheet and cover to be measured and paid for speprately anglo indian universal closet 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.	1.00				Each	
8	Distempring two coats with oil bound washable distemper of approved brand and manufactured and of required shade on undecorated wall surfaces to give an even shade over and including a priming coat with distemper primer of approved brand and manufacture after throughly 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.	215.24				Per square metre	
9	Painting two coat (excluding priming coat) on new wood and wood based surfaces with enamel paint, brushing to give an even shade including cleaning of all direct dust and other foreign matter 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.	103.07				Per square metre	

10	Providing and fixing 0.60mm thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester organic coating of 20 microns over 5 microns over 5 microns primer coating i/c fixing with prepainted iron J or L hooks bolts and nuts 6mm dia metre with prepainted limpet and rubber washers complete with all accessories as required as per the direction of Engineer in Charge.	107.78				Per square metre	
11	Providing and fixing ridges of hips 60cm overall with 0.60mm thick prepainted steel sheets in roofing with hot dipped metallic zinc coat sheets with top coat of regular modified polyester organic coating of 20 microns over 5 microns primer coating + back coat of primer of 5 microns over 5 microns primer coating i/c fixing with prepainted iron J or L hooks bolts & nuts 6mm dia & prepainted G.I limpet and bitumen washers complete with all accessories as required as per the direction of Engineer in Charge.	15.85				Per running metre	
12	Dismantling roofing including ridges, hips, valleys and gutters etc. and stacking of the material within 50 metres lead of Asbestos cement sheet 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.	107.78				Per square metre	
13	Providing and fixing PTMT coloured white high density polyethylene poly propylene 10 liters capacity european standard control low level flushing cistern with fitting with a pair of brackets with fittings such as lead valve siphon 15mm nominal size PVC ball valve with polythene float with push button couplings for connections with inlet outlet and over flow pipe 40mm dia C.P flush bend including cutting holes in walls and making good the same and connecting the flush bend with cistern and closet 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.	1.00				Per running metre	
14	Providing and fixing plastic seat and cover for wash down water closer with C.P brass hinges and rubber buffers a white plastic sheet and cover 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.	1.00				Per running metre	
15	Providing and fixing vitreous china wash basin with single hole for pillar tap with cast iron or mild steel bracket painted white including cutting holes and making good the same but excluding fitting flat back 550X400mm 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.	1.00				Per running metre	

16	Providing and fixing vitreous china wash down water closet with integral P or S trap including jointing th trap with soil pipe in cement mortar 1:1 (1 cement : 1 sand) sheet and cover to be measured and paid for seprately anglo indian universal closet 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	1.00				Per running metre	
17	Providing and fixing CP brass bib tap with capstan head including carriage of materials within all leads and lifts :-15mm dia. 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	1.00				Per running metre	
18	Providing and fixing CP brass pillar tap with capstan head including carriage of materials within all leads and lifts :-15mm dia. 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	1.00				Per running metre	
19	Providing and fixing 15mm dia metre brass stop cock 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	1.00				Per running metre	
20	Providing and fixing brass full way valve with wheel 15mm 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	1.00				Per running metre	
21	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	7.56				Per square metre	
22	Providing and fixing polythene aluminium polythene composite pressure pipe U.V stabilized with carbon conforming to IS : 15450-2004 for water supply including clamps at one metre spacing cutting, fixing and making good the wall etc. but excluding the cost of fittings pipes exposed om wall 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	15.00				Per runing metre	

23	Providing and fixing composite and seal compression fittings as per IS 15450-2004 for cold water supply for example tees elbows reducers connectors couplers and clamps with jointing testing and fixing complete including cutting and making good the wall etc 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.					
	(i) equal Tee 1216	5.00			Per running metre	
	(ii) Female branch tee 1216x1216x15mm thread	5.00			Per running metre	
	(iii) Female elbow 1216x15mm thread	3.00			Per running metre	
	(iv) Couplers 1216	3.00			Per running metre	
24	Providing and fixing high pressure PVC spigot and sockets , waste and ventilating pipes ISI Marked including fixing with approved adhesive etc. 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.					
	(i) 110mm dia	5.00			Per running metre	
	(ii) 75mm dia	5.00			Per running metre	
25	Providing and fixing single equal branch with ovel access door ISI marked insertion rubber washer 3mm thick bolts and nuts complete including fixing with approved adhesive etc. 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.					
	110mm dia	1.00			Per running metre	
26	Providing and fixing PVC floor trap ISI marked of self cleaning design including fixing with approved cost of cutting and making good in the walls and floors etc 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.					
	110.90mm	2.00			Per running metre	
					Total	


 P.P.W.B. Chappell
 Director (B & E)

DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost	Rs. 499023
Earnest Money	Rs. 10500
Time Allowed	Two Months

Name of work : Primary Health Center at Bamta Nerwa Tehsil Chopal Distt Shimla (H.P.)						
(SH : C/O Stair case , wire gauge shutters , glass panes Distemprimg and painting etc .)						
Sl. No	Description of item	Qty.	Rate		Unit	Amount
			In figure	In words		
1	Excavation in foundation trenches etc. in earth work in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting out to required lines, levels as shown on the drawing and directed by the engineer -in-charge at site, according to the HP.PWD. specification of 1990 (one thousand nine hundred ninety) volume-I (one) and sorting out useful and un useful material and transportation of the un useful material for disposing at dumping site (To be arranged by the contractor) as per satisfaction of Engineer- in -charge through all modes of transportation including head load ,animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipment and safety measures and incidentals necessary to complete the work by mechanical means and labour (if required). All useful material such as stones, shingles aggregate and slates shall be properly stacked at site to the maximum possible extent in all leads and lifts through all modes of transportation produced labour and as per the direction of the Engineer-in-charge.	11.79			Per cubic metre.	
2	Filling in plinth with sand under floor including watering, ramming, consolidating and dressing complete including carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	2.95			Per cubic metre.	
3	Boulder filling tightly hand packed under floor including watering, ramming, consolidation etc. Complete, including carriage of labour materials and equipments to various location through all modes of transportation as per HPPWD specification 1990 volume -1 in all leads and lifts as per direction of Engineer in charge at site.	4.42			Per cubic metre.	
4	Providing and laying cement concrete 1:4:8 (1 cement:4sand :8 graded stone aggregate 40 mm nominal size) and curing complete excluding cost of centring and shuttering in: Foundation and plinth.	4.42			Per cubic metre.	
5	Providing and laying cement concrete 1:2:4 (1 cement:2sand :4 graded stone aggregate 20 mm nominal size) and curing complete excluding cost of centring and shuttering in: Foundation and plinth.	2.21			Per cubic metre.	

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6	Providing form work with steel plates of 3.15mm (Three decimal fifteen millimeters) thick, welded with angle iron in frames of 30x30x5mm (Thirty into Thirty into Five millimeters), so as to give a fair finish including centring, shuttering strutting and propping etc. with wooden /steel battens and bails for all heights/depts of propping and centring below supporting floor to ceiling and removal of the same for in-situ reinforced concrete and plain concrete work in foundation, footings, bases, of columns and mass concrete including carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.					
	(A) Stair cases with sloppings or stepped soffits including landing	13.24			Per square metre.	
	(B) Edges of slabs and breaks in floors and walls under 20 cm wide.	2.34			Per running metre.	
7	Providing and laying cement concrete 1:1.5:3 mechanically mixed and vibrated (1 cement 1.5 sand : 3 graded stone aggregate 20mm (twenty millimetre nominal size) and curing complete excluding cost of form work and reinforcement for reinforced concrete work in foundation, footings, bases of columns and the like and mass concrete including carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge					
	(A) Stair cases with sloppings or stepped soffits including landing	2.32			Per cubic metre.	
8	Providing mild steel/tor steel reinforcement including cost of binding wire for RCC work including bending, binding and placing in position complete up to all floor level heights including carriage of labour materials and equipments to various location through all modes of transportation as per HPPWD specification 1990 volume -1 in all leads and lifts as per direction of Engineer in charge at site. a) Tor steel/ TMT.	370.79			Per Kg.	
9	Steel work welded in built up sections, Railing and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint (a) in in gratings framed guard bars, ladders, railings brackets and similar works	3.29			Per cubic metre.	
10	Providing and fixing doors and windows shutter using galvanised Ms wire gauge of IS gauge designation 85G with wire of dia 0.56 mm for doors, windows and clerestorey windows i/c first class deodar wood ornamental beading 20mm x 12.5mm section i/c bright finished black enamelled iron butt hinges with necessary screws i/n all leads and lifts. 40 mm thick. a) second class deodar wood including carriage of labour materials and equipments to various location through all modes of transportation as per HPPWD specification 1990 volume -1 in all leads and lifts as per direction of Engineer in charge at site	76.95			Per square metre.	

11	Half brick work using common burnt clay second class building bricks in plinth levels in cement mortar 1:4 (1 cement 4 sand). including carriage of labour materials and equipments to various location through all modes of transportation as per HPPWD specification 1990 volum - 1 in all leads and lifts as per direction of Engineer in charge at site.	29.79				Per square metre.	
12	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary plain glass 4 mm thick windows	78.27				Per square metre.	
13	15mm cement plaster in single coat on rough side brick/concrete/stone walls for interior plastering up to floor two level including arises internal rounded angles chamfers and/or rounded angle not exceeding 80mm girth and finished even and smooth mortar 1:6 (1 cement 6 sand).including carriage of labour materials and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol - 1 in all leads and lifts as per direction of Engineer in charge at site.	22.50				Per square metre.	
14	Distempering (two coats) with oil bound washable distemper of approved brand and manufacture and of required shade on undecorated wal surfaces to give an even shade over and including a priming 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.	22.50				Per square metre.	
15	Providing and fixing 10 mm thick anti skid water proof strain and impact resistance heavy duty verified tiles Nicco or equivalent 600mm*600mm*10mm manufacture of approved shade and colour in flooring ,treads and steps and landings laid over 12 mm thick cement mortar 1:3 (1cement : 3 sand) jointed fwith cement slurry mixd with pigment etc. in Rooms	7.32				Per square metre.	
16	Applying priming coat over new wood and wood based surfaces after and including preparing the surface by thoroughly cleaning the oil ,grease, dirt and other foreign matter) sand papering and knotting readymixed paint brushing with white lead fro priming	92.71				Per square metre.	
17	Painting two coats (excluding priming coat) over new wood and wood based surfaces after and including preparing the surface by thoroughly cleaning the oil ,grease, dirt and other foreign matter) sand papering and knotting readymixed paint brushing with white lead fro priming	92.71				Per square metre.	
18	Providing and fixing 0.60 mm thick prepainted steel sheet in roofing with hot dipped metallic zink coated ssheet with top coat of regular modified polister (RNP)ORWGANIC COATING OF 20 MICRON OVER 5MICRON	32.64				Per square metre.	

19	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matt finish to the surface complete including carriage of labour materials and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol -1 in all leads and lifts as per direction of Engineer in charge at site	1279.45					Per square metre.	
							Total	


 E.P.P.W.D. Chopra
 Division (B & M)

⑫

Estimated Cost	Rs. 464400
Earnest Money	Rs. 10000
Time Allowed	Two Months

Name of work	: C/O road from Nohra to Bag Harijan Basti km 0/0 to 2/0
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(S.H. Cutting in earth work in between km R.D. 0/900 to 1/350 .)

Sl. No	Description of item	Qty.	Rate		Unit	Amount
			In figure	In words		
1	Cutting 5/7 metre wide 5 metre wide in straight and 7 metre on curves excavation in earth work in hilly area all heights and depths, in all kinds 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 all earth work in cutting excavation including rock excavation shall be carried out true to lines grade sides 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 of rural roads clause 1600 and 83 (ii) (iv) (v) to achieve designed formation width including hauling and stacking of material useful 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 86.00 cubic metre useful stone shall be recovered from the contractor in each running bill as per pro-rata basis @ Rs.170 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.	3440.00			Per cubic metre.	
					Total	

Bureau of Prisons
 Federal Division (B & P)
 221 P St. N.W.
 Washington, D.C. 20535

5

Rs.	94323
Rs.	200
One Month.	

: One Month.

Description of item	Qty.	Rate	Unit.	Amount
		In figure		
Removal of slips in all kinds of soil including saturated soil but excluding boulder and rocky portion required blasting up to distance of 20 mtr disposing of un-serviceable material stacking serviceable material and neatly dressing the surface including 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	857.48		Per cubic metre.	

~~Executive Director~~
~~Chopra Division (D & E)~~
G.P.W.D. Chopra

DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost	Rs. 447704
Earnest Money	Rs. 9000
Time Allowed	Two Months

Name of work : Restoration of rain Damage on Chopal Deot Kumbra road 0/00 to 18/300 (SH.C/O PCC Protection wall B/wall in km R.D 10/860 to 10/870 & 12/075 to 12/087)						
Sl. No	Description of item	Qty.	Rate		Unit	Amount
			In figure	In words		
1	Excavation in earth work in structure work in foundation all kinds of soil in foundation in c/o structure work as per site as per HPPWD specification 1990 vol.1 it all carriage of labour material equipments site the specification. 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	203.20			Per cubic metre.	
2	Providing and laying plain cement concrete 1:5:10 (1 cement : 5 sand : 10 graded stone aggregate 40 mm nominal dia mixing by machanical concrete mixing 0.4/0.28 cubic metre & 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.	85.80			Per cubic metre.	
3	Providing weep holes in brick masonry plain/reinforced concrete abutment wing wall retaining wall with 100mm dia AC pipe extending through the full width of the structures with slope of 1 (v) 20 (h) towards drawing face complete as per drawing and technical specification clause 614,709,1204.3.7, 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.	32.00			Per cubic metre.	
4	Providing and laying plain cement concrete 1:4:8 (1 cement : 4 sand : 8 graded stone aggregate 40mm nominal dia mixing by machanical concrete mixing 0.4/0.28 cubic metre & 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.	6.48			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.1 and as per direction of Engineer in Charge at site in all leads and lifts.	14.40					Per cubic metre.	
							Total	


 P. P. D. Choudhary
 Divisional Engineer
 H.P.W.D. Choudhary

DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost	Rs 93454
Earnest Money	Rs 2000
Time Allowed	Two Months

Name of work : Restoration of rain Damage on Nerwa to Harijan Basti Kataihan (College road)
(SH: Cutting in earth work ~~widening~~ of road at Rd. 0/7/95 to 0/855)

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 kinds of soil including saturated soil comprising of mixed soil cordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by teking 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 all earth work in cutting excavation including rock excavation shall be carried out true to lines grade sides slopes with 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 of rural roads clause 1600 and 83 (ii) (iv) (v) to achieve designed formation width including hauling and stacking of material useful construction at suitable sites and safe disposal of unsuitable cut material in specified manner treimming 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 13.50 cubic metre useful stone shall be recovered from the contractor in each running bill as per pro-rata basis @ Rs.300 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	692.25			Per cubic metre	
					Total	


P.P.W.D. Chopta
Super Division (B & R)

15

Rs.	29500
Rs.	600
One Month.	

(5H: Removal of existing slip between RD 3/0 to 8/0)

Sl. No.	Description of item	Qty.	Rate	Unit.	Amount
			In figure		
1	Removal of slips in all kinds of soil including saturated soil but excluding boulder and rocky portion required blasting up to distance of 20 mtr disposing of un-serviceable material stacking serviceable material and neatly dressing the surface including 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	2681.82		Per cubic metre.	

CD
Executive Director
Organic Division (T & M)
Jan 14, 1973. (Mogul)

DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost	Rs. 172644
Earnest Money	Rs. 4000
Time Allowed	Two Months

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

(SH:C/O R/wall between km R.D 17/640 to 17/655 .)

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 mtr dressing of sides and bottom backfilling in 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.	69.20			Per cubic metre.	
2	Stone masonry work in cement mortar in found complete as per drawing technical specification clause 702, 704, 1202, 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.	36.20			Per cubic metre.	
3	Providing weep holes in brick masonry plain/reinforced concrete abutment wing wall retaining wall with 100mm dia AC pipe extending through the full width of the structures with slope of 1 (v) 20 (h) towards drawing face complete as per drawing and technical specification clause 614,709,1204.3.7. 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 running metre.	
4	Stone 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.	2.00			Per cubic metre.	
					Total	


Engineer
Division (B & M)
S.P.W.D. Chennai

13

DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost	Rs. 312998
Earnest Money	Rs. 6100
Time Allowed	Two Months

Name of work : A/R & M/O road from Kanbag to village Kanbag km 0/00 to 0/400

(SH: Cutting and re-laying of road from RD 0/00 to 0/195)

Sl. No	Description of item	Qty.	Rate	In figure	In words	Unit	Amount
1	Cutting in earth work in hilly area all heights and depths, in all kinds 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 all earth work in cutting excavation including rock excavation shall be carried out true to lines grade sides 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 of rural roads clause 1600 and 83 (ii) (iv) (v) to achieve designed formation width including hauling and stacking of material useful 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 69.55 cubic metre useful stone shall be recovered from the contractor in each running bill as per pro-rata basis @ Rs. 170 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.	1391.10				Per cubic metre.	
2	Disposal of material as per IRC norms and specification upto a lead of 1000 metre including hauling of material and all equipments machinery and labour and upto all leads and lifts as per the directions of Engineer in Charge 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.	1391.10				Per cubic metre.	
						Total	

Engineer
Division (B & M)
D. V. W. J. Choudhary

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Name of work	: Restoration of rain Damage on Nerva Bijmal road
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~~Patent Division~~
~~Patent Division (B & P)~~
~~G.P.P.D. Canada~~

DRAFT/SCHEDULED OF QUANTITY.

Estimated Cost	Rs. 489891
Earnest Money	Rs. 10000
Time Allowed	Two Months

Name of work : Restoration of rain Damage on Nerwa Bassa Rinjet Deiya road. (SH:C/O B/wall in wire crated b/w Rds 4/650 to 4/710)						
Sl. No	Description of item	Qty.	Rate		Unit	Amount
			In figure	In words		
1	Cutting 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.	472.80			Per cubic metre.	
2	Earthwork in exccavation 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 tenchers 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	45.00			Per cubic metre.	
3	Providong and laying of boulder apron laid in wire crate with 4mm dia G.I. wire conforming is: 280 and Is-4826 in 100x100mm mesh including 10 per cent extra and joints laid with stone boulders weighing not less than 25kg 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.	206.28			Per cubic metre.	
					Total	


Engineer in Charge
Division (B & T)
M.P.W.D., Durgam