



HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT  
INVITATION FOR BIDS (IFB)

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No. PW.CHD.CB.E-9/2023- 9115-9214

Dated : 28/09/2023

NOTICE INVITING TENDER

Sealed percentage 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 | : 09.10.2023 up to 04:00 PM       |
| 2. | Date and time of issue of tender form                   | : 09.10.2023 04:00 PM to 05:00 PM |
| 3. | Date and time of receipt of tenders                     | : 10.10.2023 11:00 AM             |
| 4. | Date and time of opening of tender                      | : 10.10.2023 11:30 AM             |

The tender forms will be issued to only those contractors who qualify the criteria after the scrutiny of application forms.

Sl. No	Name of Work	Estimated Cost	EMD	Cost of tender	Time Limit	Eligible class of contractor
1.	R/R damages on Sainj Chopal Nerwa Feduj road km. 20/0 to 90/0 (SH: C/o R/wall at R.D. 54/435 to 54/450).	474480.00	9600.00	350.00	One month	Class D or above
2.	R/R damages on Basra to Chanjan road km. 0/0 to 4/810 (SH: C/o B/wall at R.D. 3/760 to 3/780 and 5/380 to 5/395).	486808.00	10000.00	350.00	One month	Class D or above
3.	R/R damages on Reuni to Khagna road km. 0/0 to 10/300 (SH: C/o B/wall at R.D. 9/545 to 9/600).	490148.00	10000.00	350.00	One month	Class D or above
4.	R/R damages on Dhabas to Baghar road km. 0/0 to 9/0 (SH: C/o R/wall at R.D. 6/495 to 6/510).	474478.00	9600.00	350.00	One month	Class D or above
5.	R/R damages on Chopal to Kumbra road km. 0/0 to 18/300 (SH: C/o B/wall at R.D. 12/315 to 12/330).	366043.00	7500.00	350.00	One month	Class D or above
6.	R/R damages on Pabas to Mashdoh road km. 0/0 to 14/200 (SH: C/o R/wall at R.D. 6/180 to 6/195).	473946.00	9600.00	350.00	One month	Class D or above
7.	R/R damages on Sainj Chopal Nerwa Feduj road km. 20/0 to 90/0 (SH: C/o B/wall & R/wall in PCC 1:4:8 at R.D. 71/780 to 71/795 & 71/770 to 71/780).	403345.00	8500.00	350.00	One month	Class D or above
8.	R/R damages on Pabas to Mashdoh road km. 0/0 to 14/200 (SH: C/o R/wall at R.D. 5/240 to 5/255).	343175.00	7000.00	350.00	One month	Class D or above
9.	R/R damages on Chanjalpul to Kumbra road km. 0/0 to 2/300 (SH: C/o R/wall at R.D. 0/045 to 0/055, 0/065 to 0/075, 1/690 to 1/700 and 1/755 to 1/763).	491569.00	10000.00	350.00	One month	Class D or above
10.	R/R damages on Chanjalpul to Kumbra road km. 0/0 to 2/300 (SH: C/o R/wall at R.D. 0/970 to 0/985 and 1/630 to 1/645).	480010.00	10000.00	350.00	One month	Class D or above
11.	R/R damages on Mashrain to Thiara road km. 0/0 to 5/500 (SH: Cutting in earth work in between km. R.D. 1/150 to 1/195 and 1/810 to 1/852 for restoration of the road).	496299.00	10000.00	350.00	One month	Class D or above
12.	R/R damages on Dhadu to Dochi Deiya road km. 0/0 to 18/0 (SH: C/o R/wall in PCC 1:4:8 at R.D. 5/690 to 5/720).	497609.00	10000.00	350.00	One month	Class D or above



13.	R/R damages on Dhadu to Dochi Deiya road km. 0/0 to 18/0 (SH: C/o R/wall at R.D. 9/795 to 9/807).	284336.00	6000.00	350.00	One month	Class D or above
14.	R/R damages on Dhadu to Dochi Deiya road km. 0/0 to 18/0 (SH: C/o R/wall at R.D. 0/075 to 0/081 and 0/090).	255265.00	6000.00	350.00	One month	Class D or above
15.	R/R damages on Chopal Chowkia Jhiknipul road km. 0/0 to 10/0 (SH: C/o B/wall at R.D. 9/705 to 9/725 and 9/740 to 9/770).	445625.00	9000.00	350.00	One month	Class D or above
16.	R/R damages on Chopal Chowkia Jhiknipul road km. 0/0 to 10/0 (SH: C/o B/wall at R.D. 9/630 to 9/660).	448326.00	9000.00	350.00	One month	Class D or above
17.	R/R damages on Belog to Ranvi road km. 0/0 to 12/0 (SH: C/o R/wall at R.D. 9/630 to 9/640 and B/wall at R.D. 9/630 to 9/640).	201902.00	4500.00	350.00	One month	Class D or above
18.	R/R damages on Tharoch to Madhana road km. 0/0 to 9/180 (SH: C/o R/wall at R.D. 6/930 to 6/945).	274154.00	6000.00	350.00	One month	Class D or above
19.	R/R damages on Sainj Chopal Nerwa Feduj road km. 20/0 to 30/0 (SH: Removal of slips including carriage of material in all leads and lifts and dressing road in between km. R.D. 20/0 to 30/0).	119830.00	2400.00	350.00	One month	Class D or above
20.	R/R damages on Sainj Chopal Nerwa Feduj road km. 20/0 to 30/0 (SH: Removal of slips including carriage of material in all leads and lifts and dressing road in between km. R.D. 30/0 to 59/0).	217925.00	4400.00	350.00	One month	Class D or above
21.	R/R damages on Dhanat to Maneoty road km. 0/0 to 13/0 (SH: Removal of slips including carriage of material in all leads and lifts and dressing road).	248500.00	5000.00	350.00	One month	Class D or above
22.	R/R damages on Tharoch to Chhajpur road km. 0/0 to 5/0 (SH: P/L of HPC 600mm dia at R.D. 0/315, 1/330, 1/715 and P/L WBM G-I at various reaches in between R.D. 0/0 to 2/0).	369736.00	7500.00	350.00	One month	Class D or above
23.	C/o Salana to Jhina road km. 0/0 to 5/0 (SH: C/o B/wall at R.D. 3/390 to 3/405).	285515.00	6000.00	350.00	One month	Class D or above
24.	R/R damages on Pabas to Mashron road km. 0/0 to 14/200 (SH: Removal of slips including carriage of material in all leads and lifts and dressing road).	282038.00	5700.00	350.00	One month	Class D or above
25.	Repair and maintenance of JE Residential building at Nerwa Shallu Sub Division (SH: P/L Tile work in rooms, sanitary work and painting on walls).	382154.00	8000.00	350.00	One month	Class D or above
26.	C/o balance work of Science Lab building at GSSS Kupvi Tehsil Kupvi District Shimla (SH: C/o Septic Tank RHS and miscellaneous works).	488088.00	10000.00	350.00	One month	Class D or above
27.	R/R damages on Sainjkhud to Dimmi Trahan road km. 0/0 to 21/0 (SH: C/o R/wall in PCC 1:4:8 Toe wall at R.D. 15/410 to 15/420 and 15/750 to 15/764).	489974.00	10000.00	350.00	One month	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 tender form in cash (Non refundable).
2. The conditional tender(s) and the application received without earnest money will summarily be rejected without assigning any reason(s).
3. 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.
4. The Executive Engineer, Chopal Division HPPWD Chopal reserves the right to reject any tender without assigning any reason(s).
5. Only two number tender forms will be issued to the eligible contractor. If he bids for more than two works, only the first two works in sequence will be opened.
6. The work shall have to be started within four days from the date of award. If the contractor fails to start the work within four days, the work shall be cancelled and earnest money deposited will be forfeited and the work shall be awarded to the L-2 contractor on the rates at par with L-1, if he agrees to do so.



7. The Cess Charges @ 1% will be deducted from the gross amount of work done of the contractor.
8. The work will be completed by the contractor within the stipulated period.
9. The contractor/firms are required to insert the rate of percentage in words as well as in figures, failing which Executive Engineer reserves the right to accept/reject any/overall tender.
10. The tender shall be issued to only those contractor/firms who are eligible suitable and competent.
11. The tender forms shall be issued to eligible contractors depending upon their past performance and work experience.
12. The contractor/firm having necessary documents and past adequate experience shall be preferred.
13. The contractor who has failed to start/complete the work already allotted in his favour within stipulated period shall not be issued tender forms.
14. A contractor enlisted in a particular class is eligible to tender for his own class and one step below.
15. If any kind of holiday to be happened, the tender documents shall be sold/opened on the next working day at the same time and venue.
16. GST will be deducted as per rates fixed by the Government.

**CERTIFICATE**

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

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

***Copy forwarded for information to :-***

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

# SCHEDULED OF QUANTITY.

(1)

Estimated Cost	Rs. 474480
Earnest Money	Rs. 8600
Time Allowed	One Month

Name of work : R/R Damages on Sainj Chopal Nerwa Fediz road km 20/00 to 90/00  
(SH : C/O R/wall at RD 54/435 to 54/450.)

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 staking and bracing removal of stumps and other deleterious material and disposal up to a lead of 50 mt 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.	57.66	210.00	Rupees two hundred ten and paise zero only	Per cubic metre.	12109
2	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.	164.06	2600.00	Rupees two thousand six hundred and paise zero only	Per cubic metre.	426556
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.	37.70	950.00	Rupees nine hundred fifty and paise zero only	Per cubic metre.	35815
	Quoted rate in figure.				Total	474480
	Quoted rate in words.					

Note : Recovery of stone utilized at site will be effected @ Rs 300 per cum.

Executive Engineer  
B&R Division HPPWD  
Chopal



## SCHEDULED OF QUANTITY.

(2)

Estimated Cost	Rs. 486808
Earnest Money	Rs. 10000
Time Allowed	One Month

Name of work : R/R Damages on Basra to Chanjan road km 0/00 to 4/810

( SH : C/O B/wall at RD 3/760 to 3/780 , 5/360 to 5/395 . )

Sl. No	Description of item	Qty.	Rate	In words	Unit	Amount
			In figure			
1	Earthwork in excavation for foundation of structure as per drawing and technical specification clause 305.1 including setting and c/o shoring and bracing removal of stumps and other deleterious material 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.	151.20	210.00	Rupees two hundred ten and paise zero only	Per cubic metre.	31752
2	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.	184.06	2600.00	Rupees two thousand six hundred and paise zero only	Per cubic metre.	428656
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.	30.00	950.00	Rupees nine hundred fifty and paise zero only	Per cubic metre.	28500
	Quoted rate in figure.				Total	486808
	Quoted rate in words.					

Note : Recovery of stone utilized at site will be effected @ Rs 300 per cum.

Executive Engineer  
B&R Division HPPWD  
Chennai

## SCHEDULED OF QUANTITY.

(3)

Name of work : R/R Damages on Reuni to Khagna road km 0/00 to 10/300  
( SH : C/O wire crate Biwall at RD 9/545 to 9/600 )

Estimated Cost	Rs. 490148
Earnest Money	Rs. 10000
Time Allowed	One Month

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 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.	206.00	210.00	Rupees two hundred ten and paise zero only	Per cubic metre.	43260
2	Providing and laying of boulder apron laid in wire crate with 4mm dia G.I. wire conforming Is: 290 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.	171.88	2600.00	Rupees two thousand six hundred and paise zero only	Per cubic metre.	446888
	Quoted rate in figure.				Total	490148
	Quoted rate in words					

Note : Recovery of stone utilized at site will be effected @ Rs 300 per cum .

Executive Engineer,  
S&R Division HPPWD  
Chopra



# SCHEDULED OF QUANTITY.

(4)

Name of work : R/R Damages on Dhabas to Baghar road km 0/00 to 9/00

( SH : C/O R/wall at RD 6/495 to 6/510. )

Estimated Cost	Rs 474478
Earnest Money	Rs. 8600
Time Allowed	One Month

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 mt 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.	57.66	210.00	Rupees two hundred ten and paise zero only	Per cubic metre.	12109
2	Providing and laying of boulder apron laid in wire crate with 4mm dia G.I wire conforming IS 280 and IS 4526 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.	164.06	2600.00	Rupees two thousand six hundred and paise zero only	Per cubic metre.	426656
3	Back filling behind abutment wing wall and returning wall complete as per drawing and technical specification clause 1204.3.3 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.	37.70	950.00	Rupees nine hundred fifty and paise zero only	Per cubic metre.	35813
	Quoted rate in figure.				Total	474478
	Quoted rate in words.					

Note : Recovery of stone utilized at site will be effected @ Rs 300 per cum .

Executive Engineer  
3&R Division HPPWD  
Chopal



# SCHEDULED OF QUANTITY.

(3)

Name of work : R/R Damages on Chopal to Kumbra road km 0/00 to 18/300  
(SH : C/O B/wall at RD 12/315 to 12/330.)

Estimated Cost	Rs. 366043
Earnest Money	Rs. 7500
Time Allowed	One Month

Sl. No	Description of item	Qty.	Rate	In figure	In words	Unit	Amount
1	Earthwork in excavation for foundation of structure as per drawing and technical specification clause 305.1 including setting and c/o shoring and bracing removal of stumps and other deleterious material and disposal up to a lead of 50 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.	22.50	210.00		Rupees two hundred ten and paise zero only	Per cubic metre	4725
2	Providing and laying plain cement concrete 1:4:8 (1 cement : 4 sand : 8 graded stone aggregate 20mm 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 form 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.	30.38	5200.00		Rupees five thousand two hundred and paise zero only	Per cubic metre	157976
3	Providing and laying of boulder apron laid in wire crate with 4mm dia G.I. wire conforming to: 280 and is 4828 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.	70.31	2600.00		Rupees two thousand six hundred and paise zero only	Per cubic metre	182806
4	Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment structure with 100 mm dia PVC pipe extending through the full width of the structure with slopes of (1V:20H) 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.	22.50	200.00		Rupees two hundred and paise zero only	Per running metre.	4500
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.	18.88	950.00		Rupees nine hundred fifty and paise zero only	Per cubic metre	18036
	Quoted rate in figure.					Total	366043
	Quoted rate in words.						

Note : Recovery of stone utilized at site will be effected @ Rs. 300 per cum.

Execd by  
B&B Division HPPWD  
Chopal



## SCHEDULED OF QUANTITY.

(2)

Estimated Cost	Rs. 473946
Earnest Money	Rs. 9600
Time Allowed	One Month

Name of work : R/R damages on Pabas to Mashdoh road km 0/00 to 14/200.

( SH : C/O R/wall at RD 6/180 to 6/195.)

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.	55.13	210.00	Rupees two hundred ten and paise zero only	Per cubic metre.	11577
2	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.	164.06	2600.00	Rupees two thousand six hundred and paise zero only	Per cubic metre.	426556
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.	37.70	950.00	Rupees nine hundred fifty and paise zero only	Per running metre.	35813
	Quoted rate in figure.				Total	473946
	Quoted rate in words.					

Note : Recovery of stone utilized at site will be effected @ Rs 300 per cum .

Executive Engineer  
B&R Division HPPWD  
Chennai



# SCHEDULED OF QUANTITY.

(7)

Name of work :

R/R Damages on Saini Chopal Nerwa Fediz road  
(SH : C/O Bwall & Rwall in PCC 1:4:8 at RD 71/780 to 71/795 and 71/770 to 71/780.)

Estimated Cost	Rs. 403345
Earnest Money	Rs. 8500
Time Allowed	One Month

Sl. No	Description of item	Qty.	Rate	In figure	In words	Unit	Amount
1	Excavation in soil in mly area by manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift up to 1.5 m and a lead upto 20 m as per drawing and technical specification clause 1803.1 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.	61.00	195.00		Rupees one hundred ninety five and paise zero only	Per cubic metre	11895
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 m 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.	26.40	210.00		Rupees two hundred ten and paise zero only	Per cubic metre	5544
3	Providing and laying plain cement concrete 1:4:8 (1 cement : 4 sand : 8 graded stone aggregate 20mm 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.	50.24	5200.00		Rupees five thousand two hundred and paise zero only	Per cubic metre	261244
4	Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment/wingwall return wall with 100 mm dia PVC pipe extending through the full width of the structure with slopes of (V) 20(H) towards drawing face complete as per drawing and technical specification clause 814, 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.	14.00	200.00		Rupees two hundred and paise zero only	Per running metre	2800
5	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.	46.87	2600.00		Rupees two thousand six hundred and paise zero only	Per cubic metre	121962
	Quoted rate in figure.					Total	403345
	Quoted rate in words.						

Note : Recovery of stone utilized at site will be effected @ Rs 300 per cum.

Executive Engineer  
B&R Division HPPWD  
Chopel



# DRAFT/SCHEDULED OF QUANTITY.

(8)

Estimated Cost	Rs. 343175
Earnest Money	Rs. 7000
Time Allowed	One Month

Name of work : R/R Damages on Pabas to Mastdoh road km 0/00 to 14/200 ( SH : C/O R/wall at RD5/240 to 5/255. )						
Sl. No	Description of item	Qty.	Rate	In words	Unit	Amount
1	Earthwork in excavation for foundation of structure as per drawing and technical specification clause 305.1 including setting and c/o stowing and bracing removal of stumps and other deleterious material 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.	22.50 ✓	210.00	Rupees two hundred ten and paise zero only	Per cubic metre.	4725 ✓
2	Providing and laying plain cement concrete 1:4:8 ( 1 cement : 4 sand : 8 graded stone aggregate 20mm nominal dia mixing by mechanical concrete mixing 0.40/28 cubic metre & 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, 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.	24.75 ✓	5200.00	Rupees five thousand two hundred and paise zero only	Per cubic metre.	128700 ✓
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.	62.50 ✓	2600.00	Rupees two thousand six hundred and paise zero only	Per cubic metre.	162500 ✓
4	Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment/wingwall return wall with 100 mm dia PVC pipe extending through the full width of the structure with slopes of (1V):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.	22.50 ✓	200.00	Rupees two hundred and paise zero only	Per running metre.	4500 ✓
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.	45.00 ✓	950.00	Rupees nine hundred fifty and paise zero only	Per cubic metre.	42750 ✓
	Quoted rate in figure.				Total	343175
	Quoted rate in words.					

Note : Recovery of stone utilized at site will be effected @ Rs. 300 per cum.

Draft

Approved for Rs. 343175

Executive Engineer  
B&R Division HPPWD  
Chennai



# SCHEDULED OF QUANTITY.

Estimated Cost	Rs. 491569
Earnest Money	Rs. 10000
Time Allowed	One Month

Name of work : R/R Damages on Chaniaipul to Kumbra road km 0/00 to 2/300

( SH : C/O wire crate R/Wall at RD 0/045 to 0/055, 0/065 to 0/075, 1/690 to 1/700 and 1/755 to 1/763.)

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 up to 1.5 m and a lead upto 20 m as per drawing and technical specification 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	31.24	195.00		Rupees one hundred ninety five and paisa zero only	Per cubic metre.	6092
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	29.64	210.00		Rupees two hundred ten and paisa zero only	Per cubic metre.	6224
3	Providing and laying plain cement concrete 1:4:8 ( 1 cement : 4 sand : 8 graded stone aggregate 20mm 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	14.82	5200.00		Rupees five thousand two hundred and paisa zero only	Per cubic metre.	77054
4	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	134.38	2600.00		Rupees two thousand six hundred and paisa zero only	Per cubic metre.	349388
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	55.58	950.00		Rupees nine hundred fifty and paisa zero only	Per cubic metre.	52801
	Quoted rate in figure.					Total	491569
	Quoted rate in words.						

Note : Recovery of stone utilized at site will be effected @ Rs 300 per cum .

Executive Engineer  
R/R Division HPPWD  
Chopel



# SCHEDULED OF QUANTITY.

(10)

Estimated Cost	Rs. 480010
Earnest Money	Rs. 10000
Time Allowed	One Month

Name of work : R/R Damages on Charjalpul to Kumbra road km 0/00 to 2/300

(SH : C/O wire crate R/wall at RD 0/970 to 0/985 and 1/630 to 1/645.)

Sl. No	Description of item	Qty.	Rate		Unit	Amount
			In figure	In words		
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 up to 1.5 m and a lead upto 20 m as per drawing and technical specification 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.	27.30	195.00	Rupees one hundred ninety five and paise zero only	Per cubic metre	5324
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.	23.40	210.00	Rupees two hundred ten and paise zero only	Per cubic metre	4914
3	Providing and laying plain cement concrete 1:4:8 (1 cement : 4 sand : 8 graded stone aggregate 20mm 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.	11.70	5200.00	Rupees five thousand two hundred and paise zero only	Per cubic metre	60840
4	Providing and laying of boulder apron laid in wire crate with 4mm dia G.I. wire conforming Is: 260 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.	140.62	2600.00	Rupees two thousand six hundred and paise zero only	Per cubic metre	365612
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.	45.60	950.00	Rupees nine hundred fifty and paise zero only	Per cubic metre	43320
	Quoted rate in figure.				Total	480010
	Quoted rate in words.					

Note : Recovery of stone utilized at site will be effected @ Rs. 300 per cum.

Executive Engineer  
B&R Division HPPWD  
Chennai



# SCHEDULED OF QUANTITY.

Estimated Cost	Rs. 496299
Earnest Money	Rs. 10000
Time Allowed	One Month

Name of work : R/R Damages on Mashrain to thiara road km 0/00 to 5/500

( SH : Cutting in earth work between RD 1/450 to 1/495 and 1/810 to 1/852 for restoration of the road. )

Sl. No	Description of item	Qty.	Rate	In words	Unit	Amount
1	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 63 (ii) (v) to achieve designed formation width including hauling and stacking of material trimming filling of uneven ness blind edge and safe disposal of unstable cut material in specified manner as directed by the Engineer in Charge for smooth riding. At least 127.26 cubic metre useful stone shall be recovered from the contractor in each running bit 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	2545.13	195.00	Rupees one hundred ninety five and paisa zero only	Per cubic metre.	496299
	Quoted rate in figure.				Total	496299
	Quoted rate in words.					

Executive Engineer  
B&E Division HPPV  
Chopal



# SCHEDULED OF QUANTITY.

(12)

Estimated Cost	Rs. 497609
Earnest Money	Rs. 10000
Time Allowed	One Month

Name of work : R/R Damages on Dhadu to Dochi Deiya road km 0/00 to 18/00  
( SH : C/O R/Wall in PCC 1:4:8 between RD 5/690 to 5/720 )

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 up to 1.5 m and a lead upto 20 m as per drawing and technical specification 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.	69.60	210.00	Rupees two hundred ten and paise zero only	Per cubic metre.	14616 ✓
2	Providing and laying plain cement concrete 1:4:8 ( 1 cement : 4 sand : 8 graded stone aggregate 20mm 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.	90.91	5200.00	Rupees five thousand two hundred and paise zero only	Per cubic metre.	472718 ✓
3	Providing weep holes in brick masonry/stone masonry plain/reinforced concret abutment wingwall return wall with 100 mm dia PVC pipe extending through the full width of the structure with slopes of (iv):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	200.00	Rupees two hundred and paise zero only	Per running metre.	6000 ✓
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.	4.50	950.00	Rupees nine hundred fifty and paise zero only	Per cubic metre.	4275 ✓
					Total	497609 ✓
	Quoted rate in figure.					
	Quoted rate in words.					

Executive Engineer  
R.R. Division HPPWD  
Chennai



# SCHEDULED OF QUANTITY.


(13)

Estimated Cost	Rs. 284336
Earnest Money	Rs. 6000
Time Allowed	One Month

Name of work : R/R Damages on Dhadu to Doshi Deiya road km 0/00 to 18/00  
( SH : C/O R/wall at RD 9/795 to 9/807 )

Sl. No	Description of item	Qty.	Rate		Unit	Amount
			In figure	In words		
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 up to 1.5 m and a lead upto 20 m as per drawing and technical specification clause 1603.1 including cartage 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.	19.43	195.00	Rupees one hundred ninety five and paise zero only	Per cubic metre.	3789
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 mt dressing of sides and bottom backfilling in approved material including cartage 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.	7.88	210.00	Rupees two hundred ten and paise zero only	Per cubic metre.	1855
3	Providing and laying plain cement concrete 1:4:8 ( 1 cement : 4 sand : 8 graded stone aggregate 20mm 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 cartage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	16.20	5200.00	Rupees five thousand two hundred and paise zero only	Per cubic metre.	84240
4	Providing and laying of boulder apron laid in wire crate with 4mm dia G.I. wire conforming to: 280 and 18:4826 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 cartage 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.	67.50	2600.00	Rupees two thousand six hundred and paise zero only	Per cubic metre.	175500
5	Back filling behind abutment wing wall and returning wall complete as per drawing and technical specification clause 1204 3 & granular material including cartage 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.	20.16	950.00	Rupees nine hundred fifty and paise zero only	Per cubic metre.	19152
	Quoted rate in figure.				Total	284336
	Quoted rate in words.					

Note : Recovery of stone utilized at site will be effected @ Rs 300 per cum.

Execd by   
B&R DIVISION HPPWD  
Chopel



# SCHEDULED OF QUANTITY.

(14)

Estimated Cost	Rs. 255265
Earnest Money	Rs. 8000
Time Allowed	One Month

Name of work : R/R Damages on Dhaou to Dohi Delya road km 0/00 to 18/00

( SH : C/O R/wall at RD 0/075 to 0/081 and 0/084 to 0/090 . )

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 throwing of side slopes and disposing of excavated earth with a lift up to 1.5 m and a lead upto 20 m as per drawing and technical specification 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.	6.75	195.00	✓	Rupees one hundred ninety five and paise zero only	Per cubic metre.	1318
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 m/r 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.	7.88	210.00	✓	Rupees two hundred ten and paise zero only	Per cubic metre	1655
3	Providing and laying plain cement concrete 1:4:8 ( 1 cement : 4 sand : 8 graded stone aggregate 20mm 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 form 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.	12.96	5200.00	✓	Rupees five thousand two hundred and paise zero only	Per cubic metre	67392
4	Providing and laying of boulder apron laid in wire crate with 4mm dia G.I. wire conforming to: 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.	63.75	2800.00	✓	Rupees two thousand six hundred and paise zero only	Per cubic metre	186750
5	Back filling behind abutment wing wall and returning wall complete as per drawing and technical specification clause 1204 3.5 granular material including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	20.16	950.00	✓	Rupees nine hundred fifty and paise zero only	Per cubic metre.	19152
						Total	255265
	Quoted rate in figure						
	Quoted rate in words.						

Note : Recovery of stone utilized at site will be effected @ Rs 300 per cum.

255265  
255265

Execd Engineer  
B&R Division HPPWD  
Chopel



# SCHEDULED OF QUANTITY.

(15)

Estimated Cost	Rs. 445625
Earnest Money	Rs. 9000
Time Allowed	One Month

Name of work : R/R Damages on Chopal Chowkia Jhiknipul road km 0/00 to 10/00.

(SH/C/O wire crated Biwall at RD 9/7/05 to 9/7/25 & 9/7/40 to 9/7/70.)

Sl. No	Description of Item	Qty.	Rate	In figure	In words	Unit	Amount
1	Earthwork in excavation for foundation of structure as per drawing and technical specification clause 305.1 including setting and c/o shoring and bracing removal of stumps and other deleterious material and disposal up to a lead of 50 mtr dressing of sides and bottom backfilling in approved material including cartage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	187.50	210.00		Rupees two hundred ten and paise zero only	Per cubic metre.	39375
2	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 cartage 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.	156.25	2600.00		Rupees two thousand six hundred and paise zero only	Per cubic metre.	406250
						Total	445625
	Quoted rate in figure						
	Quoted rate in words						

Note : Recovery of stone utilized at site will be effected @ Rs 300 per cum.

Executed by  
B&R Division HPPWD  
Chopal



# SCHEDULED OF QUANTITY.

(18)

Estimated Cost	Rs. 448326
Earnest Money	Rs. 9000
Time Allowed	One Month

Name of work : R/R Damages on Chopal Chowkia Jhikripul road km 0/00 to 10/00.

(SH: C/O wire crated B/wall at RD 9/630 to 9/650.)

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.	393.75	210.00	Rupees two hundred ten and paise zero only	Per cubic metre	82688
2	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.	140.63	2600.00	Rupees two thousand six hundred and paise zero only	Per cubic metre	365638
	Quoted rate in figure.				Total	448326
	Quoted rate in words.					

Note : Recovery of stone utilized at site will be effected @ Rs 300 per cum.

Executive Engineer  
B&R Division HPPWD  
Chopal



# **SCHEDULED OF QUANTITY.**

17

Estimated Cost	Rs. 201902
Earnest Money	Rs. 4500
Time Allowed	Three Months

Name of work : R/R Damages on Belgo to Ranvi road km 0/0 to 12/00

( SH : C/O ~~wire~~ ~~casted~~ R/wall at RD 9/630 to 9/640 and B/wall at RD 9/630 to 9/640 )

Sl. No	Description of item	Qty.	Rate		Unit	Amount
			In figure	In words		
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 up to 1.5 m and a lead upto 20 m as per drawing and technical specification clause 1803.1 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.	35.10 ✓	155.00 ✓	Rupees one hundred sixty five and paise zero only	Per cubic metre.	5792 ✓
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.	18.00 ✓	210.00 ✓	Rupees two hundred ten and paise zero only	Per cubic metre.	3780 ✓
3	Providing and laying of boulder apron laid in wire crate with 4mm dia G.I. wire conforming is 280 and is 4825 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.	72.00 ✓	2600.00 ✓	Rupees two thousand six hundred and paise zero only	Per cubic metre.	187200 ✓
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.	5.40 ✓	960.00 ✓	Rupees nine hundred fifty and paise zero only	Per cubic metre.	5130 ✓
	Quoted rate in figure.				Total	201902
	Quoted rate in words.					

Note : Recovery of stone utilized at site will be effected @ Rs 300 per cum.

Execd. Off. Engineer  
S&R Division HPPWD  
Gopal



# SCHEDULED OF QUANTITY.

(18)

Estimated Cost	Rs. 274154
Earnest Money	Rs. 5000
Time Allowed	One Month

Name of work : R/R Damages on Tharoch to Madhana road km 0/000 to 9/180  
(SH/C/O wire crate R/wall at RD 6/930 to 6/945.)

Sl. No	Description of item	Qty.	Rate	In words	Unit	Amount
1	Earthwork in excavation for foundation of structure as per drawing and technical specification clause 305.1 including setting and c/o shoring and bracing removal of slumps and other deleterious material and disposal up to a lead of 50 mtr dressing of sides and bottom backfilling in approved material including cartilage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	25.35	210.00	Rupees two hundred ten and paise zero only	Per cubic metre.	5324
2	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 cartilage 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.	93.75	2600.00	Rupees two thousand six hundred and paise zero only	Per cubic metre.	243750
3	Back filling behind abutment wing wall and returning wall complete as per drawing and technical specification clause 1204.3.8 granular material including cartilage 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.	28.40	950.00	Rupees nine hundred fifty and paise zero only	Per cubic metre.	25080
	Quoted rate in figure.				Total	274154
	Quoted rate in words					

Note : Recovery of stone utilized at site will be effected @ Rs 300 per cum.

Executive Engineer  
R/R Division HPPV  
Chopal



# **SCHEDULED OF QUANTITY.**

(19)

Name of work : R/R Damages on Saini Deha Chopal Nerwa Fedu road km 20/00 to 30/00.

( SH : Removal of slips including of carriage of materials in all leads and lifts and dressing of road between 20/00 to 30/00 . )

Estimated Cost	Rs. 119830
Earnest Money	Rs. 2400
Time Allowed	One Month

Sl. No	Description of item	Qty.	Rate in figure	In words	Unit	Amount
1	Removal of land slides in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes as per IRC specification 45-1998 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 to the public and private property during the course of removal of slips shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all case.	1042.00	115.00	Rupees one hundred fifteen and paise zero only	Per cubic metre	119830
					Total	119830
	Quoted rate in figure.					
	Quoted rate in words.					

Executive Engineer  
B&R Division HPPWD  
Chopal



# SCHEDULED OF QUANTITY.

Estimated Cost Rs- 217925  
Earnest Money Rs. 4400  
Time Allowed One Month

Name of work : R/R Damages on Saint Deha Chopal Nerwa Fediz road km 20/00 to 90/00.

( SH : Removal of slips including carriage of material in all leads and lifts and dressing of road between 30/00 to 59/00. )

Sl. No	Description of Item	Qty.	Rate	In words	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 as per norms and IRC specification 48/1998 including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1890 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts. Any loss to the public and private property during the course of removal of slips shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	1895.00	115.00	Ruppes one hundred fifteen and paise zero only	Per cubic metre	217925
	Quoted rate in figure				Total	217925
	Quoted rate in words					

Execd  
B&R Division HPPWD  
Chopla



# SCHEDULED OF QUANTITY.

(21)

Name of work : R/R Damages on Dhanat to Maneoty road km 0.00 to 13.00.

( SH : Removal of slips including of carriage of materials in all leads and lifts and dressing of road )

Estimated Cost	Rs. 248500 ✓
Earnest Money	Rs. 5000
Time Allowed	One Month ✓

Sl. No	Description of item	Qty.	Rate	In words	Unit	Amount
1	Removal of land slides in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes as per IRC specification 48-1998 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 to the public and private property during the course of removal of slips shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all case.	1775.00 ✓	140.00 ✓	Ruppes one hundred forty and paisa zero only.	Per cubic metre.	248500 ✓
	Quoted rate in figure.				Total	248500
	Quoted rate in words.					

Executive Engineer  
B&R Division HPPWD  
Chopal



# SCHEDULED OF QUANTITY.

22

Estimated Cost	Rs. 369736
Earnest Money	Rs. 7500
Time Allowed	One Month

Name of work : R/R damages on Tharoch to Chhajpur road km 0/0 to 5/0

( SH : P/L of HPC 600mm dia at RD 0/315, 1/330, 1/715 and P/L WBM G-1 at various reaches between RD 0/00 to 2/00 )

Sl. No	Description of item	Qty.	Rate	In figure	In words	Unit	Amount
1	Earthwork in excavation for foundation of structure as per drawing and technical specification clause 305.1 including setting and c/o shoring and bracing removal of stumps and other deleterious material and disposal up to a lead of 50 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.	43.60	210.00		Rupees two hundred ten and paise zero only	Per cubic metre	9156
2	Providing and laying plain cement concrete 1:4:8 ( 1 cement : 4 sand : 8 graded stone aggregate 20mm 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.	24.45	5200.00		Rupees five thousand two hundred and paise zero only	Per cubic metre	127140
3	Providing and laying reinforcement cement concrete pipe rps2 600mm 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.	22.50	3800.00		Rupees three thousand eight hundred and paise zero only	Per running metre	85500
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.	3.20	950.00		Rupees nine hundred fifty and paise zero only	Per cubic metre	3040
5	Providing and laying spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness hand packing rolling with three wheel 80-100 kn static roller stages to proper grade and camber applying and brooming stone screening /binding materials to fill up the interstices of coarse aggregate watering and compacting to the required density Grading - II as per technical specification clause 405 including carriage of materials in all leads and lifts as per entire satisfaction and 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.	63.00	2300.00		Rupees two thousand three hundred and paise zero only	Per cubic metre	144900
	Quoted rate in figure						
	Quoted rate in words						
	Executive Engineer B&R Division HPPWD Chhapel					Total	369736



# SCHEDULED OF QUANTITY.

22

Name of work : C/O Salana to Jhina road km 0/0 to 5/0

( SH : C/O B/wall at RD 3/390 to 3/405.)

Estimated Cost	Rs. 285515
Earnest Money	Rs. 6000
Time Allowed	One Month

Sl. No	Description of item	Qty.	Rate	In words	Unit	Amount
1	Earthwork in excavation for foundation of structure upto 3m depth as per drawing and technical specification clause 1104 including setting out c/o shoring and bracing removal of stumps and other deleterious matter dressing of stumps and other deleterious matter dressing of side and bottom and backfilling with approved material. including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	57.90	240.00	Rupees two hundred forty and paisa zero only	Per cubic metre.	13896
2	Providing and laying plain cement concrete 1:6:12 ( 1 cement : 6 sand : 12 graded stone aggregate 40 mm nominal size mixing by mechanical concrete mixture 0.40/0.28 & 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.	4.05	4700.00	Rupees four thousand seven hundred and paisa zero only	Per cubic metre.	19035
3	Random rubble masonry / polygonal rubble masonry ( uncoursed / brought to courses ) with hard stones of approved quality in foundation and plinth in cement mortar 1:6 ( one cement : 6 sand ) at plinth level in. including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	44.55	5200.00	Rupees five thousand two hundred and paisa zero only	Per cubic metre.	231660
4	Providing and laying plain cement concrete 1:4:8 ( 1 cement : 4 sand : 8 graded stone aggregate 20mm nominal dia mixing by mechanical concrete mixing 0.40/0.28 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.	2.87	5200.00	Rupees five thousand two hundred and paisa zero only	Per cubic metre.	14924
5	Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment wingwall return wall with 100 mm dia PVC pipe extending through the full width of the structure with slopes of (iv) 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	200.00	Rupees two hundred and paisa zero only	Per running metre.	6000
	Quoted rate in figure.				Total	285515
	Quoted rate in words.					

Executive Engineer,  
B&R Division HPPWD  
Chapel



# SCHEDULED OF QUANTITY.

(24)

Name of work : R/R Damages on Pabas Mashon road km 0/00 to 14/200.

Estimated Cost	Rs. 282038
Earnest Money	Rs. 5700
Time Allowed	One Month

( SH : Removal of slips including carriage of material in all leads and lifts and dressing of road. )

Sl. No	Description of item	Qty.	Rate	In words	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 as per norms and IRC specification 48/1998, 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 to the public and private property during the course of removal of slips shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	2452.50	115.00	Rupees one hundred fifteen and paise zero only	Per cubic metre	282038
	Quoted rate in figure.				Total	282038
	Quoted rate in words.					

Executive Engineer  
R/R Division HPPWD  
Chennai



# SCHEDULED OF QUANTITY.

(25)

Estimated Cost	Rs. 382164
Earnest Money	Rs. 8000
Time Allowed	One Month

Name of work : Repair and Maintenance of JE Residential building at Nerwa Shailu sub Division.  
( SH : P/L Tile work in rooms, sanitary work and painting on walls.)

Sl. No	Description of item	Qty.	Rate	In figure	In words	Unit	Amount
1	Demolishing cement concrete manually by mechanical means including disposal of material within 50 metres lead as per direction of Engineer-in-Charge nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix) 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.	2.89	850.00		Rupees eight hundred fifty and paise zero only	Per cubic metre.	2457
2	Providing and laying vitrified tiles in different sizes with water absorption less than 0.08 % and conforming to IS 15622 of approved make in all coplours & shade in skirting riser of steps over 12 mm thick of cement mortar 1:3 ( 1 cement : 3 sand ) jointing with grey 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.	52.90	2050.00		Rupees two thousand fifty and paise zero only	Per square metre.	108445
3	Repair /Providing and fixing 10 mm thick anti skid water proof strain and impact resistance heavy duty vitrified tiles Nitco 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 (1 cement : 3 sand ) jointed with cement slurry mix with pigment 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.	4.69	1850.00		Rupees one thousand eight hundred fifty and paise zero only	Per square metre.	8677
4	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.	38.16	1350.00		Rupees one thousand three hundred fifty and paise zero only	Per square metre.	51516
5	Providing and laying cement concrete work 1:2:4 ( 1 cement : 2 sand : 4 graded stone aggregate 20 mm nominal size and curing complete excluding cost of form work and reinforcement for reinforced concrete work in suspended floor roofs landing and eaves and their support balconies beams girders brusses and cantilever upto floor two level 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.	2.89	7000.00		Rupees seven thousand and paise zero only	Per cubic metre.	20160



6	P/F vitreous China wash down water closet European type WC pan with integral P or S trap the joining the trap with soil pipe in cement mortar 1:1 (1 cement : 1 sand) seal and concrete be paid for separately i/c carriage of material within all leads a) European WC seat Prima no. 2090 of CERA 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	4500.00	Rupees four thousand five hundred and paise zero only	Each	4500
7	Providing and fixing PTMT Coloured / white high density polyethylene / poly propylene 10 litres capacity ( full flush) European standard control low level flushing cistern with fittings with a pair of brackets with fittings such as lead valve, syphon, 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 (overflow pipe to be measured and paid for separately) 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	2500.00	Rupees two thousand five hundred and paise zero only	Each	2500
8	Providing and fixing plastic seat and cover for wash down water closet 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	1250.00	Rupees one thousand two hundred fifty and paise zero only	Each	1250
9	Providing and fixing C.P. 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.	6.00	550.00	Rupees five hundred fifty and paise zero only	Each	3300
10	P/F PTMT pillar cock of approved quality and colour 15mm nominal bore 107mm long weighing not less than 110gms 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	250.00	Rupees two hundred fifty and paise zero only	Each	500
11	15mm cement plaster in single coat on rough side brick/concrete/stone walls for interior plastering up to floor two level including all 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.	380.85	250.00	Rupees two hundred fifty and paise zero only	Each	90213
12	Applying Birda 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	380.85	60.00	Rupees sixty and paise zero only	Per square metre.	21661



13	Distempering two coats with oil bound washable distemper of approved brand and manufacture and of required shade on undecorated wall surface to give an even shade over and including a priming coat with distemper primer of approved brand and manufactured after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and sand papered smooth primer 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.	360.85	96.85	Rupees ninety six and eighty five paise only	Per square metre.	34948
14	Dismantling old plaster or skirting taking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground with in 50 metre lead 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.	360.85	50.00	Rupees fifty and paise zero only	Per square metre.	16043
15	Painting two coats excluding priming coat on new steel and other metal surface with coal-tar black paint to give an even shade including cleaning of all dirt dust and other foreign matter including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol. 1 and as per direction of Engineer in Charge at site in all leads and lifts.	164.66	85.00	Rupees eighty five and paise zero only	Per square metre.	13996
	Quoted rate in figure.				Total	382154
	Quoted rate in words.					

Execd. Officer, HPPWD  
 EXR DIVISION HPPWD  
 Chennai



## SCHEDULED OF QUANTITY.

Estimated Cost	Rs. 488088
Earnest Money	Rs. 10000
Time Allowed	One Month

Name of work : C/O balance work of Science Lab building at GSSS Kupvi Tehsil Kupvi Dist. Shimla.

(SH: C/O Septic Tank Pits and misc. Raneous works).

Sl. No	Description of item	Qty.	Rate		Unit	Amount
			In figure	In words		
1	Excavation in ordinary rock using manual means including loading in a truck and carrying of excavated material to embankment site with a lift up to all heights 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.	45.22 ✓	335.00	Rupees three hundred thirty five and paise zero only	Each.	15149 ✓
2	Providing and laying cement concrete 1:4:8 (1 cement 4 sand : 8 graded stone aggregate 40 mm nominal size) and curing complete excluding cost of centring and shuttering in: Foundation and plinth, 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.	1.98 ✓	5,400.00	Rupees five thousand four hundred and paise zero only	Per cubic metre.	10692 ✓
3	Brick work using common burnt clay second class building bricks in foundation and plinth in cement 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 I in all leads and lifts as per direction of Engineer in charge at site.	10.93 ✓	9,550.00	Rupees Nine thousand five hundred hundred fifty and paise zero only	Per cubic metre.	104382 ✓
4	15mm cement plaster in single coat on rough side brick/concrete/stone walls for interior plastering up to floor two level including anses 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.	39.74 ✓	236.00	Rupees two hundred thirty six and paise zero only	Per square metre.	9379 ✓
5	Providing form work with steel plates of 3.15mm (Three decimal fifteen millimeters) thick, welded with angle iron in frames of 30x30x5mm (Thirty into Five millimeters), so as to give a fair finish including centring, shuttering strutting and propping etc. with wooden /steel battens and bales 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 of all surfaces such as soffits of suspended floors, roofs landing and the like Floors etc. up to 200 mm in thickness.	12.62 ✓	548.00	Rupees five hundred forty eight and paise zero only	Per square metre.	6918 ✓
6	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 (b) in suspended floors, roofs, landings, shelves and their supports balconies, beams, girders, bressumers and cantilevers up to any floor level.	1.13	9,855.00	Rupees nine thousand eight hundred fifty five and paise zero only	Per cubic metre.	11136 ✓



7	Providing mild steel/for 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) For steel TMT.	100	105.00	Rupees one hundred five and paise zero only	Per KG	10500
8	Supplying cast iron cover without frame for manholes: (i) For frame of 500mm internal diameter C.I. cover (medium duty) the weight of cover to be not less than 58kg. 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	2	4,070.00	Rupees four thousand seventy and paise zero only	Each	8140
9	Cement concrete flooring 1:2:4 (1 cement: 2 sand: 4 graded stone aggregate 20 mm nominal size) and in one layer finished with a floating coat of neat Cement 50mm thick, 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	7.56	550.00	Rupees five hundred fifty and paise zero only	Per square metre	4153
10	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 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 1) 110 mm dia	23.00	507.00	Rupees five hundred seven and paise zero only	Per running metre	11661
11	Providing and fixing P.V.C. Natural trap of self cleaning design with sand cast iron screwed down or hinged grating with or without vent arm complete including cost of cutting and making good the wall and floors, 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 :- 75mm nominal diameter, 110mmX90mm	28.00	250.00	Rupees two hundred fifty and paise zero only	Each	7000
12	Supplying and filling brick bats in soak pit 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	3.19	1,200.00	Rupees one thousand two hundred and paise zero only	Per cubic metre	3628
13	White glazed tiles 6mm (Six millimetre) thick in skirting risers of steps and dado 12mm (Twelve millimetre) thick cement mortar 1:3 (One cement is to Three Sand) and jointed with cement slurry within all leads, lifts of materials and other incidentals, 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.	175.26	1,627.00	Rupees one thousand six hundred twenty seven and zero paise only	Per square metre	285148
	Quoted rate in figure.				Total	489098
	Quoted rate in words					

Executive Engineer  
B&B Division HPPWD  
Chennai



# SCHEDULED OF QUANTITY.

Estimated Cost	Rs. 489974
Earnest Money	Rs. 10000
Time Allowed	One Month

Name of work : R/R Damages on Saipikhad to Dimmi Trahan road km 0/00 to 21/00

( SH : C/O wire crated R/wall with PCC 1:4:8 toe wall at RD 15/410 to 15/420 and 15/750 to 15/764.)

Sl. No	Description of item	Qty.	Rate In figure	In words	Unit	Amount
1	Earthwork in excavation for foundation of structure upto 3m depth as per drawing and technical specification clause 1104 including setting out c/o shoring and bracing removal of stumps and other deleterious matter dressing of stumps and other deleterious matter dressing of side and bottom and backfilling with approved material. including carriage of all labour material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.1 and as per direction of Engineer in Charge at site in all leads and lifts.	30.24	210.00	Rupees two hundred ten and paise zero only	Per cubic metre.	6350
2	Providing and laying plain cement concrete 1:4:8 ( 1 cement : 4 sand : 8 graded stone aggregate 20mm 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.	34.56	5200.00	Rupees five thousand two hundred and paise zero only	Per cubic metre.	179712
3	Providing weep holes in brick masonry/stone masonry plain/reinforced concrete abutment wingwall return wall with 100 mm dia PVC pipe extending through the full width of the structure with slopes of (iv) 20(1) 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.	14.40	200.00	Rupees two hundred and paise zero only	Per running metre.	2880
4	Providing and laying of boulder apron laid in wire crate with 4mm dia G.I. wire conforming to: 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.	103.68	2600.00	Rupees two thousand six hundred and paise zero only	Per cubic metre.	269568
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.	33.12	950.00	Rupees nine hundred fifty and paise zero only	Per cubic metre.	31464
	Quoted rate in figure.				Total	489974
	Quoted rate in words.					

Note : Recovery of stone utilized at site will be effected @ Rs 300 per cum .

Executive Engineer  
S&S Division HPPWD  
Chennai