



Office of Executive Engineer, Banjar Division ,
Himachal Pradesh Public Works Department Banjar 175123
Phone No.01903-221031 Fax: 01903-221031
No:-PW/Banjar/CB/Tender/2023- 20417-86

Dated:- 8/1/2024

To

The Executive Engineer (I.T. Cell),
o/o Engineer-in-Chief,
HPPWD, Nigam Bihar Shimla -171002.

Subject :- Publishing of Notice Inviting Tenders Advertisement.

Enclosed please find herewith Copies of Notice Inviting Tender for the up-loading on department website on or before 15.01.2024 as per notification issued by Secretary (PW) to the Govt. of HP Shimla vide letter No.PBW(S) A(3)1/2020 dated-16.07.2021, as the works mentioned in the Notice is urgent nature of work in the public interest.

Encl:- Notice

Executive Engineer,
Banjar Division,
H.P.P.W.D. Banjar.

Copy forwarded to followings for information and necessary action.

The Engineer- in- Chief, HPPWD Shimla-171002.
The Chief Engineer (M Z) HPPWD Mandi.
The Superintending Engineer 6th circle HPPWD Kullu.
All the Contractors enlisted in HPPWD.
The Superintendent, DAO ,HDM of this Office.
Notice Board

Executive Engineer,
Banjar Division,
H.P.P.W.D. Banjar

Himachal Pradesh
Public works Department
Notice Inviting Tender

Sealed item rate tender on from No. 6 & 8 are hereby invited by the Executive Engineer Banjar Division, HP,PWD, Banjar on behalf of Governor of H.P. from the eligible contractors enlisted in HP,PWD for the following works, so as to reach in this office on or before 19.01.2024 up to 11.00 AM and the tender will be opened on the same day at 11.30AM in the presence of intending contractors or their authorized representatives. The tender forms can be had from this office against cash payment (non-refundable) up to 18.01.2024 at 4.00 PM. The application for issue of tender forms shall be received upto 2.00 PM on 18.01.2024.

The Earnest money in the shape of National Certificate/Time deposit/Saving Account in any of the post office/Saving Bank Account of Nationalized Bank in H.P. duly pledged in favour of Executive Engineer Banjar Division HP, PWD, Banjar must be accompany each tender. Conditional tender and the tender received without earnest money will summarily be rejected. The offer of tender shall remain open for 75 days from the date of opening. The undersigned reserves the right to reject any or all the tenders without assigning any reasons.

All the contractors will have to bring with them attested copy of enlistment/ renewal/ exemption in earnest money. Contractor will be issued the tender forms only when they fulfill the terms and condition of form No. 6 & 8. Contractors should be registered under HP, Sales Tax Act. 1968/GST.

Job No.	Name of Work	Estimated cost	Earnest Money	Time	Cost of form
1	Restoration of rain damages on Sainj Fagla road Km. 0/00 to 7/500. (SH:- Construction of Retaining wall at RD. 0/100 to 0/110).	271310	5500	Three Months	350/-
2	RRD on Sainj to Maniyashi road Km. 0/00 to 4/850. (SH:- Construction of B/wall at RD. 4/235 to 4/255).	334402	6700	Three Months	350/-
3	RRD on Sainj to Maniyashi road Km. 0/00 to 4/850. (SH:- Construction of B/wall at RD- 4/215 to 4/235).	333524	6700	Three Months	350/-
4	RRRD on Siund to Railla road Km. 0/00 to 19/200. (SH:- C/O Wire crated R/wall at RD. 1/220 to 1/237.50).	324500	6600	Three Months	350/-
5	Restoration of rain damages on Siund to Railla road Km. 0/00 to 19/200. (SH:- C/O wire crated R/wall at RD. 1/050 to 1/66.25)	482983	9800	Three Months	350/-
6	Restoration of rain damages on Sainj Dhaugi road Km. 0/00 to 6/250. (SH:- Construction of wire crate R/wall at RD. 5/251 to 5/257).	435931	8800	Three Months	350/-
7	Construction of Bailey Bridge over Neuli Khud on Sainj Neuli Gartah road at RS. 8/935. (SH:- Construction of U/S approaches of RHS Abutments in wire crated).	446197	9200	Three Months	350/-
8	Restoration of rain damages on Neuli to Shenshar road Km. 0/00 to 14/00. (SH:- Construction of Retaining wall at RD. 13/900 to 13/923).	481355	10000	One Month	350/-
9	Restoration of rain damages on Neuli to Shenshar road Km. 0/00 to 14/00. (SH:- Construction of Retaining wall at RD. 13/935 to 13/958).	478370	10000	One Month	350/-
10	Restoration of rain damages on Hurla Thrass Suchani road Km. 0/00 to 14/00. (SH:- Construction of R/wall at RD. 9/430 to 9/444).	494380	9900	Three Months	350/-
11	Restoration of rain damages on Suchain to Shanghar road Km. 0/00 to 8/00. (SH:- Construction of wire crated R/wall at RD. 4/450 to 4/462.50).	256111	5200	Three Months	350/-
12	Restoration of rain damages on Chilladhar Bihar road Km. 0/ to 5/0. (SH:- Construction of Retaining wall at RD. 3/550 to 3/557).	134367	3000	15 Days	350/-
13	Construction of Chilyali to Naghara road Km. 0/00 to 3/660. (SH:- Formation Cutting at RD. 3/330 to 3/420).	447801	9000	Two Months	350/-
14	Construction of Talara to Panvi road Km. 0/00 to 8/240. (SH:- Construction of PCC Toe wall 1:4:8 along with C/O R/wall at RD. 0/175 to 0/181.66).	490211	10000	Three Months	350/-

15	Construction of Talara to Panvi road Km. 0/00 to 8/240. (SH:- Construction of PCC Toe wall 1:4:8 along with C/O R/wall at RD. 0/181.66 to 0/189.32).	490211	10000	Three Months	350/-
16	Restoration of rain damages on Sainj to Dhaugi road Km. 0/00 to 6/250. (SH:- Construction of B/wall at RD. 3/485 to 3/501.75).	274880	5500	Three Months	350/-
17	Restoration of rain damage on Gushani to Pekhari road Km. 0/00 to 9/200. (SH:- Construction of Wire crated Retaining wall at RD. 1/910 to 1/920 & 4/400 to 4/420).	188863	3800	Three Months	350/-
18	Restoration of rain damage on Gushani to Pekhari road Km. 0/00 to 9/060. (SH:- Construction of Wire crated Retaining wall at RD. 8/820 to 8/865).	448646	9000	Three Months	350/-
19	Restoration of rain damages on Bhuin Diyar road Km. 0/00 to 12/500. (SH:- Construction of R/wall at RD. 10/966.60 to 10/990).	480843	9700	Three Months	350/-
20	RRD on Sainj Neuli Gartah road Km. 0/0 to 10/00. (SH:- Construction of wire crated R/wall at RD. 0/695 to 0/700.50)	215850	4400	Three Months	350/-
21	Restoration of rain damages on Neuli to Shenshar road Km. 0/00 to 14/00. (SH:- Removal of slips at various reaches).	497281	9500	15 Days	350/-
22	Restoration of rain damages on Suchain to Shanghar road Km. /00 to 8/00. (SH:- Construction of Retaining wall along with PCC Toe wall in 1:4:8 at RD. 0/306 to 0/310).	486203	9800	Three Months	350/-
23	RRD on Sainj Deori road Km. 0/00 to 7/00. (SH:- Hiring of Tipper for carriage of Muck/debries of slips at various reaches).	123120	2500	One Month	350/-
24	RRD on Sainj to Fagla road Km. 0/00 to 7/500. (SH:- Hiring of Tipper for carriage of Muck/debries of slips at various reaches).	123120	2500	One Month	350/-
25	RRD on Suchain to Shanghar road Km. 0/00. (SH:- Construction of Retaining wall at RD. 7/643.32 to 6/650)	353937	7300	Three Months	350/-
26	Restoration of rain damages on Bhuinka Pul to Kotla road Km. 0/00 to 10/800. (SH:- Construction of Retaining wall at RD. 4/465 to 4/480)	384940	7700	Three Months	350/-
27	Restoration of rain damages on Bhuinka Pul to Kotla road Km. 0/00 to 10/800. (SH:- Construction of Retaining wall at RD. 7/408 to 7/425).	442053	8900	Three Months	350/-
28	RRD on Sainj Neuli Gartah road Km. 0/00 to 10/00. (SH:- C/O Wire Crated B/wall for Bailey Bridge at RD-9/135).	492641	10000	Three Months	350/-
29	RRD on Sainj Neuli Gartah road Km. 0/00 to 10/00. (SH:- C/O Wire Crated B/wall at RD-9/015 to 9/065).	215703	4400	Three Months	350/-
30	RRD on Sainj to Fagla road Km. 0/0 to 7/500. (SH:- Removal of slips at various Rds-0/325 to 4/070).	498653	10000	15 Days	350/-

TERMS AND CONDITIONS :-

The contractors /Bidders must quote their PAN/Income Tax Number/GST No. on the tender along with the copy of the same be attached with the application. The contractor/Firms should attach copy of registration/Renewal with the application. Contractor/Bidder are advised to visit and examine the site where the work are to be carrying out and its surrounding. The contractors/Bidders should quote his rates Both in figure and words. Where there is any discrepancy between the rates in figure and in words. The rates in words will be governed. Contractors/Bidders must inspect the site to ascertain/familiar the site condition accessibility etc. before quoting the bid/tender. Conditional and telegraphic tenders shall not be accepted and rejected straightway. Tenders received after due date and time will be rejected. Executive Engineer reserves the right to reject or all tenders without assigning any reason.

Certificate :- It is certified that the above works are required to be carried out immediately being emergent nature of work in the public interest.

Executive Engineer
Banjar Division,
HP,PWD, Banjar.

SCHEDULE OF QUANTITY

Name of Work:- Restoration of rain damages on Saini Fagla road Km. 0/00 to 7/500.
 Estimated Cost:- Rs.271310/- only.
 Earnest Money :-Rs. 5000/- only.
 (SH :-Construction of Retaining wall at RD. 0/100 to 0/110).

Sr. No.	Description of Items	Quantity		Rate with all taxes excluding GST		Unit	Amount
		Figures		Words			
		3	4	5	6		
Time :- Three Month.							
1	2 Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock/hard rock (Requiring blasting), hard rock(blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials such as stone slings, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	26.65	Cubic Metre.	5	6	7	8.00
2	Providing and laying cement concrete for plain/reinforcement concrete 1:6:12 (One cement : Six sand : twelve graded stone aggregate 40mm (forty millimetre nominal size) mechanically mixed in open foundations and plinths complete as per drawings and H.P.P.W.D specification & MORO technical specification and curing complete including the cost of form work and hauling/carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	4.90	Cubic Metre.			Per cubic metre.	
3	Providing and laying cement concrete for plain concrete in open foundation 1:4:8 (One cement : four sand : eight graded crushed stone aggregate 25mm (twenty five millimetre nominal size) mechanically mixed in open foundations and sub structure of retaining walls, Breast walls and parapets etc. complete as per drawings and H.P.P.W.D. specification/MORO technical specification section and clause 800,1202 and 1203 and curing complete including the cost of form work and hauling / carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	2.00	Cubic Metre.			Per cubic metre.	
4	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for sub structure as per drawing and technical specification of Ministry of Rural Development for Rural road clause 702,704,1202 and 1204 including carriage of all labour equipment and materials to various location through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	18.66	Cubic Metre.			Per cubic metre.	
5	Construction of dry rubble stone masonry for Retaining walls, breast walls, revetment walls and parapets etc for sub-structure and super structure complete as per drawing and technical specification of Ministry of Rural Development for Rural road clause 704.6 and 1302.5 including hauling/ carriage of all labour equipment and materials to various location through all modes of transportation, with in all leads and lift of materials and as per direction of Engineer-in-charge.	31.62	Cubic Metre.			Per cubic metre.	
6	Back filling with granular materials behind abutment, wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 including haulage/carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	12.90	Cubic Metre.			Per cubic metre.	
						Total:-	

Executive Engineer
 Banjar Division
 HPPWD Banjar

SCHEDULE OF QUANTITY

Name of Work:- Restoration of rain damages on Sainj to Maniyashi road Km. 0/00 to 4/850.
(SH :- Construction of B/wall at RD 4/235 to 4/255).

Estimated Cost:- Rs. 334402/- only.
Earnest Money :-Rs. 6700/- only.
Time :- Three Month.

Sr. No	Description of items	Quantity		Rate with all taxes excluding GST		Unit	Amount
		3	4	Figures 5	Words 6		
1	Excavation soil in hilly area by mechanical means including cutting and trimming of side slopes and disposal of excavated earth with lift up to 1.5 m and a lead up to 20 m any as per drawing and technical specification clause 1603.1 all kind of soil with in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	84.70	Cubic Metre.			Per cubic metre.	8.00
2	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock/hard rock (Requiring blasting), hard rock(blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials, such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	20.60	Cubic Metre.			Per cubic metre.	
3	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for sub structure as per drawing and technical specification of Ministry of Rural Development for Rural road clause 702,704,1202 and 1204 including carriage of all labour equipment and materials to various location through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	43.70	Cubic Metre.			Per cubic metre.	
4	Construction of dry rubble stone masonry for Retaining walls, breast walls, revetment walls and parapets etc for sub-structure and super structure complete as per drawing and technical specification of Ministry of Rural Development for Rural road clause 704.6 and 1302.5 including hauling/ carriage of all labour equipment and materials to various location through all modes of transportation, with in all leads and lift of materials and as per direction of Engineer-in-charge.	30.94	Cubic Metre.			Per cubic metre.	
						Total:-	

Executive Engineer
Banjar Division
HPPWD Bafkar

2

SCHEDULE OF QUANTITY

Name of Work:- Restoration of rain damages on Salinj to Maniyashi road Km. 0/00 to 4/850.
(SH :- Construction of B/wall at RD. 4/215 to 4/235).

Estimated Cost:- Rs. 333524/- only.
Earnest Money :-Rs. 6700/- only.

Time :- Three Month.

Sr. No	Description of items	Quantity		Rate with all taxes excluding GST		Unit	Amount
		3	4	Figures	Words		
1	2			5	6	7	8.00
1	Excavation soil in hilly area by mechanical means including cutting and trimming of side slopes and disposal of excavated earth with lift up to 1.5 m and a lead up to 20 m any as per drawing and technical specification clause 1603.1 all kind of soil with in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	79.40	Cubic Metre.			Per cubic metre.	
2	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock-hard rock (Requiring blasting), hard rock(blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling, and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	20.60	Cubic Metre.			Per cubic metre.	
3	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for sub structure as per drawing and technical specification of Ministry of Rural Development for Rural road clause 702.704.1202 and 1204 including carriage of all labour equipment and materials to various location through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	43.70	Cubic Metre.			Per cubic metre.	
4	Construction of dry rubble stone masonry for Retaining walls, breast walls, revetment walls and parapets etc for sub-structure and super structure complete as per drawing and technical specification of Ministry of Rural Development for Rural road clause 704.6 and 1302.5 including hauling/ carriage of all labour equipment and materials to various location through all modes of transportation, with in all leads and lift of materials and as per direction of Engineer-in-charge.	30.94	Cubic Metre.			Per cubic metre.	
						Total:-	

Executive Engineer
Banjar Division
HPPWD Banjar

SCHEDULE OF QUANTITY

Name of Work:- Restoration of rain damages on Siund to Railla road Km. 0/00 to 19/200.
 (SH :- C/o Wire crated R/wall at RD. 1/220 to 1/237.50).

Estimated Cost:- Rs. 324500/- only.
 Earnest Money :-Rs. 6600/- only.
 Time :- Three Month.

Sr. No	Description of Items	Quantity		Rate with all taxes excluding GST		Unit	Amount
		3	4	Figures	Words		
1	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock,hard rock (Requiring blasting), hard rock(blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials,such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	72.88	Cubic Metre.	5	6	7 Per cubic metre.	8.00
2	Providing and laying of boulder upon laid in wire crates with 4mm (four millimetre) dia G-I wire conforming to IS 200 and IS 4826 in 100mmx100mm (one hundred millimetre x one hundred millimetre) mesh woven diagonally including ten percent extra for laps and joints laid with stone boulder weighing not less than 25 kg (twenty five kilogramme) each as per drawing and technical specification clause 1301 including haulage/carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge	112.50	Cubic Metre.			Per cubic metre.	
						Total:-	

Executive Engineer
 Banjar Division
 HPPWD Banjar

4

SCHEDULE OF QUANTITY

Name of Work:- Restoration of rain damages on Slund to Railla road Km. 0/00 to 19/200.
(SH :- C/o Wire crated R/wall at RD. 1/050 to 1/66.25).

Estimated Cost:- Rs. 482983/- only.
Earnest Money :-Rs. 9800/- only.
Time :- Three Month.

Sr. No	Description of Items	Quantity		Rate with all taxes excluding GST		Unit	Amount
		3	4	Figures	Words		
1	2 Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock,hard rock (Requiring blasting), hard rock(blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials,such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	101.56	Cubic Metre.	5	6	7 Per cubic metre.	8.00
2	Providing and laying of boulder upon laid in wire crates with 4mm (four millimetre) dia G-I wire confirming to IS 280 and IS 4326 in 100mmx100mm (one hundred millimetre x one hundred millimetre) mesh woven diagonally including ten percent extra for laps and joints laid with stone boulder weighting not less than 25 kg (twenty five kilogramme) each as per drawing and technical specification clause 1301 including haulage/carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	168.75	Cubic Metre.			Per cubic metre.	
						Total:-	

Executive Engineer
Banjar Division
HPPWD Banjar

5

SCHEDULE OF QUANTITY

Name of Work:-Restoration of rain damages on Sainj Dhaugi road Km. 0/00 to 6/250.
(SH :- Construction of wire crated R/wall at RD. 5/251 to 5/257).

Estimated Cost:- Rs. 435931/- only.
Earnest Money :-Rs. 8800/- only.
Time :- Three Month.

Sr. No	Description of items	Quantity		Rate with all taxes excluding GST		Unit	Amount
		3	4	Figures	Words		
1	2			5	6	7	8.00
1	Excavation soil in hilly area by mechanical means including cutting and trimming at side slopes and disposal of excavated earth with lift up to 1.5 m and a lead up to 20 m any as per drawing and technical specification clause 1603.1 all kind of soil with in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	33.48	Cubic Metre.			Per cubic metre.	
2	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock/hard rock (Requiring blasting), hard rock(blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials such as stone shingle, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	15.12	Cubic Metre.			Per cubic metre.	
3	Providing and laying of boulder up on laid in wire crates with 4mm (four millimetre) dia G-I wire conforming to IS 280 and IS 4826 in 100mmx100mm (one hundred millimetre x one hundred millimetre) mesh woven diagonally including ten percent extra for laps and joints laid with stone boulder weighting not less than 25 kg (twenty five kilogramme) each as per drawing and technical specification clause 1301 including haulage/carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	155.52	Cubic Metre.			Per cubic metre.	
4	Back filling with granular materials behind abutment, wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 Including haulage/carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	14.04	Cubic Metre.			Per cubic metre.	
						Total:-	

6
Executive Engineer
Banjar Division
HPPWD Banjar

SCHEDULE OF QUANTITY

Name of Work:- Construction of Bailey Bridge over Neuli Khud on Saini Neulji Gartah road at RD. 8/935).
(SH :- Construction of U/S approaches of RHS Abutments in wire crated).

Estimated Cost:- Rs. 446197/- only.
Earnest Money :-Rs. 9200/- only.
Time :- Three Month.

Sr. No	Description of items	Quantity		Rate with all taxes excluding GST		Unit	Amount
		Figures	Words	Figures	Words		
1	2 Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock,hard rock (Requiring blasting), hard rock(blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road or on after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials,such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	3 71.25	4 Cubic Metre.	5	6	7 Per cubic metre.	8.00
2	Providing and laying of boulder upon laid in wire crates with 4mm (four millimetre) dia G-I wire conforming to IS 280 and IS 4826 in 100mmx100mm (one hundred millimetre x one hundred millimetre) mesh woven diagonally including ten percent extra for laps and joints laid with stone boulder weighting not less than 25 kg (twenty five kilogramme) each as per drawing and technical specification clause 1301 Including haulage/carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	160.16	Cubic Metre.			Per cubic metre.	
						Total:-	

Executive Engineer
Banjar Division
HPPWD Banjar

7

SCHEDULE OF QUANTITY

Name of Work:- Restoration of rain damages on Neuli to Shenshar road km 0/00 to 14/00
(SH :- Construction of Retaining wall at RD. 13/900 to 13/923).

Estimated Cost:- Rs. 481355/- only.
Earnest Money :- Rs. 10000/- only.
Time :- One Month.

Sr. No	Description of items	Quantity		Rate with all taxes excluding		Unit	Amount
		3	4	Figures	Words		
1	2			5	6	7	8
1	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock, hard rock (Requiring blasting), hard rock (blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials, such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	54.97	Cubic Metre.			Per cubic metre.	
2	Providing and laying cement concrete for plain/reinforcement concrete 1:6:12 (One cement : Six sand : twelve graded stone aggregate 40mm (forty millimetre nominal size) mechanically mixed in open foundations and plinths complete as per drawings and H.P.W.D. specification & MORD technical specification and curing complete including the cost of form work and hauling/carryage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	9.89	Cubic Metre.			Per cubic metre.	
3	Providing and laying cement concrete for plain concrete in open foundation 1:4:8 (One cement : four sand : eight graded crushed stone aggregate 40mm (forty millimetre nominal size) mechanically mixed in open foundations and sub structure of retaining walls, Breast walls and parapets etc. complete as per drawings and HP.PWD. specification/MORD technical specification section and clause 800.1202 and 1203 and curing complete including the cost of form work and hauling / carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	4.14	Cubic Metre.			Per cubic metre.	

4	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for sub structure as per drawing and technical specification of Ministry of Rural Development for Rural road clause 702.704,1202 and 1204 including carriage of all labour equipment and materials to various location through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	34.37	Cubic Metre.			Per cubic metre.	
5	Construction of dry rubble stone masonry for Retaining walls, breast walls, revetment walls and parapets etc for sub-structure and super structure complete as per drawing and technical specification of Ministry of Rural Development for Rural road clause 704.6 and 1302.5 including hauling/ carriage of all labour equipment and materials to various location through all modes of transportation. with in all leads and lift of materials and as per direction of Engineer-in-charge.	52.80	Cubic Metre.			Per cubic metre.	
6	Back filling with granular materials behind abutment, wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 including haulage/carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	19.78	Cubic Metre.			Per cubic metre.	
						Total:-	

Executive Engineer
Banjar Division
HP.PWD. Banjar

88

SCHEDULE OF QUANTITY

Name of Work:- Restoration of rain damages on Neuli to Shenshar road km 0/00 to 14/00
(SH :- Construction of Retaining wall at RD. 13/935 to 13/958).

Estimated Cost:- Rs.478370/-only.
Earnest Money :-Rs. 10000/- only.
Time :- One Month.

Sr. No	Description of items	Quantity		Rate with all taxes excluding		Unit	Amount
		3	4	Figures	Words		
1	2	56.70	Cubic Metre.	5	6	7	8
1	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock, hard rock (Requiring blasting), hard rock (blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.					Per cubic metre.	
2	Providing and laying cement concrete for plain/reinforcement concrete 1:6:12 (One cement : Six sand : twelve graded stone aggregate 40mm (forty millimetre nominal size) mechanically mixed in open foundations and plinths complete as per drawings and H.P.W.D. specification & MORD technical specification and curing complete including the cost of form work and hauling/carryage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	9.89	Cubic Metre.			Per cubic metre.	
3	Providing and laying cement concrete for plain concrete in open foundation 1:4:8 (One cement : four sand : eight graded crushed stone aggregate 40mm (forty millimetre nominal size) mechanically mixed in open foundations and sub structure of retaining walls, Breast walls and parapets etc. complete as per drawings and H.P.W.D. specification/MORD technical specification section and clause 800,1202 and 1203 and curing complete including the cost of form work and hauling / carryage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	4.14	Cubic Metre.			Per cubic metre.	

4	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for sub structure as per drawing and technical specification of Ministry of Rural Development for Rural road clause 702.704, 1202 and 1204 including carriage of all labour equipment and materials to various location through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	34.37	Cubic Metre.			Per cubic metre.	
5	Construction of dry rubble stone masonry for Retaining walls, breast walls, revetment walls and parapets etc for sub-structure and super structure complete as per drawing and technical specification of Ministry of Rural Development for Rural road clause 704.6 and 1302.5 including hauling/ carriage of all labour equipment and materials to various location through all modes of transportation. with in all leads and lift of materials and as per direction of Engineer-in-charge.	52.80	Cubic Metre.			Per cubic metre.	
6	Back filling with granular materials behind abutment, wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 including haulage/carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	17.48	Cubic Metre.			Per cubic metre.	
						Total:-	

Executive Engineer
Banjar Division
HP.PWD. Banjar

9

SCHEDULE OF QUANTITY

Name of Work:- Restoration of rain damages on Hurla Thrass Suchani road Km. 0/00 to 14/00.
(SH:- Construction of R/wall at RD. 9/430 to 9/444).

Estimated Cost:- Rs. 494380/- only.
Earnest Money :-Rs. 9900/- only.
Time :- Three Month.

Sr. No	Description of items	Quantity		Rate with all taxes excluding GST		Unit	Amount
		3	4	Figures 5	Words 6		
1	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rockhard rock (Requiring blasting), hard rock(blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials, such as stone shingles, age and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	48.20	Cubic Metre.			Per cubic metre.	8.00
2	Providing and laying cement concrete for plain/reinforcement concrete 1:6:12 (One cement : Six sand : twelve graded stone aggregate 40mm (forty millimetre nominal size) mechanically mixed in open foundations and plinths complete as per drawings and H.P.W.D specification & MORD technical specification and curing complete including the cost of form work and hauling/carryage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	10.08	Cubic Metre.			Per cubic metre.	
3	Providing and laying cement concrete for plain concrete in open foundation 1:4:8 (One cement : four sand : eight graded crushed stone aggregate 40mm (forty millimetre nominal size) mechanically mixed in open foundations and sub structure of retaining walls, breast walls and parapets etc. complete as per drawings and H.P.W.D. specification/MORD technical specification section and clause 800,1202 and 1203 and curing complete including the cost of form work and hauling / carryage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	6.02	Cubic Metre.			Per cubic metre.	
4	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for sub structure as per drawing and technical specification of Ministry of Rural Development for Rural road clause 702,704,1202 and 1204 including carriage of all labour equipment and materials to various location through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	37.36	Cubic Metre.			Per cubic metre.	
5	Construction of dry rubble stone masonry for Retaining walls, breast walls, revetment walls and parapets etc for sub-structure and super structure complete as per drawing and technical specification of Ministry of Rural Development for Rural road clause 704.6 and 1302.5 including hauling/ carriage of all labour equipment and materials to various location through all modes of transportation. with in all leads and lift of materials and as per direction of Engineer-in-charge.	50.77	Cubic Metre.			Per cubic metre.	
6	Back filling with granular materials behind abutment, wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 including haulage/carryage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	20.14	Cubic Metre.			Per cubic metre.	
						Total:-	

Executive Engineer,
Banjar Division
HPPWD, Banjar

10

SCHEDULE OF QUANTITY

Name of Work:- Restoration of rain damages on Suchain to Shanghar road Km. 0/00 to 8/00.
(SH :- Construction of wire crated R/ wall at RD. 4/450 to 4/462.50).

Estimated Cost:- Rs. 256111/- only.
Earnest Money :-Rs. 5200/- only.
Time :- Three Month.

Sr. No	Description of Items	Quantity		Rate with all taxes excluding GST Figures	Words		Unit	Amount
		3	4		5	6		
1	2 Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock-hard rock (Requiring blasting), hard rock(blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials,such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	12.50	Cubic Metre.				Per cubic metre.	8.00
2	Providing and laying of boulder upon laid in wire crates with 4mm (four millimetre) dia G-I wire conforming to IS 280 and IS 4826 in 100mmx100mm (one hundred millimetre x one hundred millimetre) mesh woven diagonally including ten percent extra for laps and joints laid with stone boulder weighting not less than 25 kg (twenty five kilogramme) each as per drawing and technical specification clause 1301 including haulage/carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	78.12	Cubic Metre.				Per cubic metre.	
3	Back filling with granular materials behind abutment, wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 including haulage/carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	29.63	Cubic Metre.				Per cubic metre.	
							Total:-	

Executive Engineer
Banjar Division
HPPWD Banjar

SCHEDULE OF QUANTITY

Name of Work:-Restoration of rain damages on Chilladhar Bihar road km 0/0 to 5/0
(SH :- Construction of Retaining wall at RD.3/550 to 3/557).

Estimated Cost:- Rs.134367/-only.
Earnest Money :-Rs. 3000/- only.

Time :- 15 days

Sr. No	Description of items	Quantity		Rate with all taxes excluding GST		Unit	Amount
		3	4	Figures	Words		
1	2			5	6	7	8
1	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock,hard rock (Requiring blasting), hard rock(blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials,such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	21.42	Cubic Metre.			Per cubic metre.	
2	Providing and laying cement concrete for plain/reinforcement concrete 1:6:12 (One cement : Six sand :twelve graded stone aggregate 40mm (forty millimetre nominal size) mechanically mixed in open foundations and plinths complete as per drawings and H.P.P.W.D.specification &MORD technical specification and curing complete including the cost of form work and hauling/carrriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	3.01	Cubic Metre.			Per cubic metre.	
3	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for sub structure as per drawing and technical specification of Ministry of Rural Development for Rural road clause 702.704.1202 and 1204 including carriage of all labour equipment and materials to various location through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	13.00	Cubic Metre.			Per cubic metre.	

4	Construction of dry rubble stone masonry for Retaining walls, breast walls, revetment walls and parapets etc for sub-structure and super structure complete as per drawing and technical specification of Ministry of Rural Development for Rural road clause 704.6 and 1302.5 including hauling/ carriage of all labour equipment and materials to various location through all modes of transportation. with in all leads and lift of materials and as per direction of Engineer-in-charge.	12.82	Cubic Metre.			Per cubic metre.	
5	Back filling with granular materials behind abutment, wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 including haulage/carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	2.10	Cubic Metre.			Per cubic metre.	
						Total:-	

Executive Engineer
Banjar Division
HP.PWD, Banjar

12

SCHEDULE OF QUANTITY

Name of Work :- Construction of Chilyali to Naghara road Km. 0/00 to 3/660.
(SH :- Formation Cutting at RD. 3/330 to 3/420).

Estimated Cost:- Rs.447801/-only.
Earnest Money :-Rs. 9000/- only.
Time :- Two Month.

Sr. No	Description of items	Quantity	Rate with all taxes in excluding GST		Unit	Amount
			Figures	Words		
1	2	3	4	5	6	7
1	Cutting in earth work in hilly area in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper, blasting work both in soft and hard rock with chiseling/wedging out of rock(where blasting is prohibited) and their intermediate classification of soil including, dewatering wherever required setting out to the required line grades, side slopes trimming bottom and level as shown on the drawings and sorting out useful/unuseful materials and stacking the same in all leads and lift and transportation of the un-useful materials and then disposing of surplus excavated earth through all modes of transportation including head load animal load or mechanical means along with its leveling fine dressing and all labour, machineries, materials, tools equipments and safety measures and incidentals necessary to complete the work by all means (if any required) Recovery for useful stone of 250.92/-Cum@ 300/-per cum amounting to Rs. 75276/- only shall be done on prorata basis for the quantity of cutting in earth work effected. 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 respect.	1536.30	Cubic Metre.		Per cubic metre.	
					Total:-	

Executive Engineer
Banjar Division
RPPWD Banjar.

13

SCHEDULE OF QUANTITY

Name of Work: Construction of PCC Toe wall 1:4:8 along with C/o R/wall at RD. 0/175 to 0/181.66.
(SH :-Construction of PCC Toe wall 1:4:8 along with C/o R/wall at RD. 0/175 to 0/181.66).

Estimated Cost:- Rs. 490211/- only.
Earnest Money :-Rs. 10000/- only.
Time :- Three Month.

Sr. No	Description of items	Quantity		Rate with all taxes excluding GST		Unit	Amount
		3	4	Figures 5	Words 6		
1	2	44.43	Cubic Metre.		6	7	8.00
1	Excavation soil in hilly area by mechanical means including cutting and trimming of side slopes and disposal of excavated earth with lift up to 1.5 m and a lead up to 20 m any as per drawing and technical specification clause 1603.1 all kind of soil with in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.					Per cubic metre.	
2	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock, hard rock (Requiring blasting), hard rock (blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost. Including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials such as stone shingles, aggregate and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	13.33	Cubic Metre.			Per cubic metre.	
3	Providing and laying cement concrete for plain/reinforcement concrete 1:4:8 (One cement : Six sand : twelve graded stone aggregate 40mm (forty millimetre nominal size) mechanically mixed in open foundations and plinths complete as per drawings and H.P.P.W.D. specification & MORD technical specification and curing complete including the cost of form work and hauling/carryage of all labour equipments and materials to various locations through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	6.33	Cubic Metre.			Per cubic metre.	
4	Providing and laying cement concrete for plain concrete in open foundation 1:4:8 (One cement : four sand : eight graded crushed stone aggregate 40mm (forty millimetre nominal size) mechanically mixed in open foundations and sub structure of retaining walls, breast walls and parapets etc. complete as per drawings and H.P.P.W.D. specification/MORD technical specification section and clause 800.1202 and 1203 and curing complete including the cost of form work and hauling / carriage of all labour equipments and materials to various locations through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	23.66	Cubic Metre.			Per cubic metre.	
5	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for sub structure as per drawing and technical specification of Ministry of Rural Development for Rural road clause 702.704.1202 and 1204 including carriage of all labour equipment and materials to various location through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	29.82	Cubic Metre.			Per cubic metre.	
6	Construction of dry rubble stone masonry for Retaining walls, breast walls, revetment walls and parapets etc for sub-structure and super structure complete as per drawing and technical specification of Ministry of Rural Development for Rural road clause 704.6 and 1302.5 including hauling/ carriage of all labour equipment and materials to various location through all modes of transportation with in all leads and lift of materials and as per direction of Engineer-in-charge.	45.55	Cubic Metre.			Per cubic metre.	
7	Providing weep holes in brick masonry /stone masonry/ plain reinforced concrete abutment/wing wall, return wall with 100 mm (one hundred millimetre) dia PVC pipe extending through the full width of the structure with slope of 1:20 (H) towards draining face complete as per drawing and technical specifications clause 614.709.1206.6 including hauling/ carriage of all labour, equipments and materials to various location through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	6.00	Each			Each	

Back filling with granular materials behind abutment, wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 including haulage/carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	1020	Cubic Metre.			Per cubic metre.	
					Total-	

Executive Engineer,
Banjar Division,
HPPWD, Banjar

SCHEDULE OF QUANTITY

Name of Work: *Construction of* Talara to Panvi road Km. 0/00 to 8/240.
 Estimated Cost:- Rs. 490211/- only.
 Earnest Money :-Rs. 10000/- only.
 Time :- Three Month.

(SH :-Construction of PCC Toe wall 1:4:8 along with C/n R/wall at RD. 0/181.66 to 0/189.32).

Sr. No	Description of items	Quantity		Rate with all taxes excluding GST		Unit	Amount
		Figures	Words	Figures	Words		
1	2	3	4	5	6	7	8.00
1	Excavation soil in hilly area by mechanical means including cutting and trimming of side slopes and disposal of excavated earth with lift up to 1.5 m and a lead up to 20 m any as per drawing and technical specification clause 1603.1 all kind of soil with in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	44.43	Cubic Metre.			Per cubic metre.	
2	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock, hard rock (Requiring blasting), hard rock (blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost. Including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	13.33	Cubic Metre.			Per cubic metre.	
3	Providing and laying cement concrete for plain/reinforcement concrete 1:6:12 (One cement : Six sand : twelve graded stone aggregate 40mm (forty millimetre nominal size) mechanically mixed in open foundations and plinths complete as per drawings and I.P.P.W.D. specification & MORD technical specification and curing complete including the cost of form work and hauling/carryage of all labour equipments and materials to various locations through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	6.33	Cubic Metre.			Per cubic metre.	
4	Providing and laying cement concrete for plain concrete in open foundation 1:4:8 (One cement : four sand : eight graded crushed stone aggregate 40mm (forty millimetre nominal size) mechanically mixed in open foundations and sub structure of retaining walls, Breast walls and parapets etc. complete as per drawings and I.P.P.W.D. specification/MORD technical specification section and clause 800,1202 and 1203 and curing complete including the cost of form work and hauling / carriage of all labour equipments and materials to various locations through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	23.66	Cubic Metre.			Per cubic metre.	
5	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for sub structure as per drawing and technical specification of Ministry of Rural Development for Rural road clause 702,704,1202 and 1204 including carriage of all labour equipment and materials to various location through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	29.82	Cubic Metre.			Per cubic metre.	
6	Construction of dry rubble stone masonry for Retaining walls, breast walls, revetment walls and parapets etc for sub-structure and super structure complete as per drawing and technical specification of Ministry of Rural Development for Rural road clause 704.6 and 1302.5 including hauling/ carriage of all labour equipment and materials to various location through all modes of transportation with in all leads and lift of materials and as per direction of Engineer-in-charge.	45.55	Cubic Metre.			Per cubic metre.	
7	Providing weep holes in brick masonry /stone masonry/ plain reinforced concrete abutment, wing wall, return wall with 100 mm (one hundred millimetre) dia PVC pipe extending through the full width of the structure with slope of (1:20) (1:20) towards draining face complete as per drawing and technical specifications clause 614,709,1206.6 including hauling/ carriage of all labour, equipments and materials to various location through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	6.00	Each			Each	

15

B	Back filling with granular materials behind abutment, wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 including haulage/carrriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	1020	Cubic Metre.		Per cubic metre.	Total:-
---	---	------	--------------	--	------------------	---------

Executive Engineer,
Banjar Divisiopa
HPPWD; Banjar

15

SCHEDULE OF QUANTITY

Name of Work:- Restoration of rain damages on Sainj to Dhaugi road Km. 0/00 to 6/250.
(SH :- Construction of B/wall at RD. 3/485 to 3/501.75).

Estimated Cost:- Rs. 274880/- only.
Earnest Money :-Rs. 5500/- only.
Time :- Three Month.

Sr. No	Description of items	Quantity		Rate with all taxes excluding GST		Unit	Amount
		3	4	Figures	Words		
1	Excavation soil in hilly area by mechanical means including cutting and trimming of side slopes and disposal of excavated earth with lift up to 1.5 m and a load up to 20 m any as per drawing and technical specification clause 1603.1 all kind of soil with in all leads and lifts to the entire satisfaction as per direction of Engineer-In-Charge.	136.85	Cubic Metre.	5	6	Per cubic metre.	8.00
2	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock,hard rock (Requiring blasting), hard rock(blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials,such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	16.88	Cubic Metre.			Per cubic metre.	
3	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for sub structure as per drawing and technical specification of Ministry of Rural Development for Rural road clause 702.704,1202 and 1204 including carriage of all labour equipment and materials to various location through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	32.37	Cubic Metre.			Per cubic metre.	
4	Construction of dry rubble stone masonry for Retaining walls, breast walls, revetment walls and parapets etc for sub-structure and super structure complete as per drawing and technical specification of Ministry of Rural Development for Rural road clause 704.6 and 1302.5 including hauling/ carriage of all labour equipment and materials to various location through all modes of transportation, with in all leads and lift of materials and as per direction of Engineer-in-charge.	26.57	Cubic Metre.			Per cubic metre.	
						Total:-	

16

Executive Engineer
Banjar Division
HPPWD Banjat

SCHEDULE OF QUANTITY

Name of Work:- Restoration of rain damages on Gushant to Pekhari road Km. 0/00 to 9/200
(SH :- Construction of Wire crated Retaining wall at RD. 1/910 to 1/920 & 4/400 to 4/420).

Estimated Cost:- Rs. 188863/- only.

Earnest Money :-Rs. 3800/- only.

Time :- Three Month.

Sr. No	Description of items	Quantity		Rate with all taxes excluding GST		Unit	Amount
		3	4	Figures 5	Words 6		
1	2 Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock-hard rock (Requiring blasting), hard rock (blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials, such as stone shingles, aggs and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	26.00	Cubic Metre.			Per cubic metre.	8.00
2	Providing and laying of boulder upon laid in wire crates with 4mm (four millimetre) dia G-I wire conforming to IS 280 and IS 4826 in 100mmx100mm (one hundred millimetre x one hundred millimetre) mesh woven diagonally including ten percent extra for laps and joints laid with stone boulder weighting not less than 25 kg (twenty five kilogramme) each as per drawing and technical specification clause 1301 including haulage/carryage of all labour equipments and materials to various locations through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	61.20	Cubic Metre.			Per cubic metre.	
3	Back filling with granular materials behind abutment, wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 including haulage/carryage of all labour equipments and materials to various locations through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	11.40	Cubic Metre.			Per cubic metre.	
						Total:-	


 Executive Engineer
 Banjar Division
 HPPWD Banjar

17

SCHEDULE OF QUANTITY

Name of Work:- Restoration of rain damages on Gushani to Pekhari road Km. 0/00 to 9/060.
(SH :- Construction of Wire crated Retaining wall at RD. 8/820 to 8/865).

Estimated Cost:- Rs. 448646/- only.
Earnest Money :- Rs. 9000/- only.

Time :- Three Month.

Sr. No	Description of Items	Quantity		Rate with all taxes excluding GST		Unit	Amount
		3	4	Figures 5	Words 6		
1	2 Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock, hard rock (Requiring blasting), hard rock (blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials, such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	64.45	Cubic Metre.			Per cubic metre.	8.00
2	Providing and laying of boulder upon laid in wire crates with 4mm (four millimetre) dia G-I wire conforming to IS 280 and IS 4826 in 100mmx100mm (one hundred millimetre x one hundred millimetre) mesh woven diagonally including ten percent extra for laps and joints laid with stone boulder weighting not less than 25 kg (twenty five kilogramme) each as per drawing and technical specification clause 1301 including haulage/carriage of all labour equipments and materials to various locations through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	145.80	Cubic Metre.			Per cubic metre.	
3	Back filling with granular materials behind abutment, wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 including haulage/carriage of all labour equipments and materials to various locations through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	25.65	Cubic Metre.			Per cubic metre.	
						Total:-	


 Executive Engineer
 Banjar Division,
 HPPWD Banjar

18

SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 480843/- only.
Earnest Money :- Rs. 9700/- only.
Time :- Three Month.

Name of Work:- Restoration of rain damages on Bhui Diyar road Km. 0/00 to 12/500.
(SH:- Construction of R/wall at RD. 10/966.60 to 10/990).

Sr. No	Description of items	Quantity		Rate with all taxes excluding		Unit	Amount
		Figures	Words	Figures	Words		
1	2	3	4	5	6	7	8.00
1	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock, hard rock (Requiring blasting), hard rock (blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	61.37	Cubic Metre.			Per cubic metre.	
2	Providing and laying cement concrete for plain/reinforcement concrete 1:6:12 (One cement : Six sand : twelve graded stone aggregate 40mm (forty millimetre nominal size) mechanically mixed in open foundations and plinths complete as per drawings and H.P.P.W.D. specification & MORD technical specification and curing complete including the cost of form work and hauling/carryage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	10.03	Cubic Metre.			Per cubic metre.	
3	Providing and laying cement concrete for plain concrete in open foundation 1:4:8 (One cement : four sand : eight graded crushed stone aggregate 40mm (forty millimetre nominal size) mechanically mixed in open foundations and sub structure of retaining walls, Breast walls and parapets etc. complete as per drawings and HP.PWD. specification/MORD technical specification section and clause 800,1202 and 1203 and curing complete including the cost of form work and hauling / carryage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	4.20	Cubic Metre.			Per cubic metre.	
4	Random rubble stone masonry in cement mortar 1:6 (one cement : six sand) for sub structure as per drawing and technical specification of Ministry of Rural Development for Rural road clause 702,704,1202 and 1204 including carriage of all labour equipment and materials to various location through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	35.23	Cubic Metre.			Per cubic metre.	
5	Construction of dry rubble stone masonry for Retaining walls, breast walls, revetment walls and parapets etc for sub-structure and super structure complete as per drawing and technical specification of Ministry of Rural Development for Rural road clause 704.5 and 1302.5 including hauling/ carriage of all labour equipment and materials to various location through all modes of transportation, with in all leads and lift of materials and as per direction of Engineer-in-charge.	53.03	Cubic Metre.			Per cubic metre.	
6	Back filling with granular materials behind abutment, wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 including haulage/carryage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	14.23	Cubic Metre.			Per cubic metre.	
						Total:-	

Executive Engineer,
Banjar Division
HPPWD, Banjar

SCHEDULE OF QUANTITY

Name of Work:- Restoration of rain damages on Saini Neuli Gaurah road Km. 0/0 to 10/00.

(SH :- Construction of wire crated R/wall at RD. 0/695 to 0/700.50)

Estimated Cost:- Rs. 215850/- only.

Earnest Money :- Rs. 4400/- only.

Time :- Three Month.

Sr. No	Description of Items	Quantity		Rate with all taxes excluding GST		Unit	Amount
		3	4	Figures	Words		
1	2	9.42	Cubic Metre.	5	6	7	8.00
1	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock-hard rock (Requiring blasting), hard rock(blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head animal load or mechanical means or other incidents to complete the work as per technical specifications clause 305.1. All useful materials such as stone shingles, egg, and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.					Per cubic metre.	
2	Providing and laying of boulder upon laid in wire crates with 4mm (four millimetre) dia G-I wire conforming to IS 280 and IS 4826 in 100mmx100mm (one hundred millimetre x one hundred millimetre) mesh woven diagonally including ten percent extra for laps and joints laid with stone boulder weighting not less than 25 kg (twenty five kilogramme) each as per drawing and technical specification clause 1301 including haulage/carriage of all labour equipments and materials to various locations through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	69.62	Cubic Metre.				Per cubic metre.
3	Back filling with granular materials behind abutment wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 including haulage/carriage of all labour equipments and materials to various locations through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	14.79	Cubic Metre.				Per cubic metre.
4	Construction of the Embankment with approved material of obtained from borrow pits with a lift up to 1.50 m transporting to site spreading grading a required slope and compacting to meet requirement of table 300.1 and 300.2 with a level upto 1000 m as per technical specification clause 301.5 with in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	61.05	Cubic Metre.				Per cubic metre.
						Total:-	


 Executive Engineer
 Banjar Division
 HPPWD Banjar

79

SCHEDULE OF QUANTITY

Name of Work:- Restoration of rain damages on Neuli to Shenshar road Km. 0/00 to 14/00.
(SH :- Removal of slips at various reaches).

Estimated Cost:- Rs. 49728/-
Earnest Money :-Rs. 9500/- only.

Time :- 15 Days.

Sr. No	Description of Items	Quantity		Rate with all taxes including CST		Unit	Amount
		3	4	Figures	Words		
1	2 Removal of land slide in hilly are in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slope and disposal of cut material with in lift upto 1.5 m and lead upto 1000m as per technical specification clause 302.3.5 and 161.1.with in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	3220.73	Cubic Metre.	5	6	7 Per cubic metre.	8.00
						Total:-	

Executive Engineer
Banjar Division
HPPWD Banjar

(7)

SCHEDULE OF QUANTITY

Name of Work:-Restoration of rain damages on Suchain to Shanghar road Km. 0/000 to 8/000.
(SH :- Construction of Retaining wall along with PCC Toe wall in 1:4:8 at RD. 0/306 to 0/310).

Estimated Cost:- Rs. 486203/-only.
Earnest Money :-Rs. 9800/- only.
Time :- Three Month.

Sr. No	Description of Items	Quantity		Rate with all taxes excluding		Unit	Amount
		Figures	Words	Figures	Words		
1	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock, hard rock (Requiring blasting), hard rock (blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required line, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and unserviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	3	60.13	4	Cubic Metre.	7	8.00
2	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock, hard rock (Requiring blasting), hard rock (blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required line, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and unserviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	3	5.15	4	Cubic Metre.	7	8.00
3	Providing and laying cement concrete for plain concrete in open foundation 1:6:12 (One cement : Six sand : twelve graded stone aggregate 40mm (forty millimetre nominal size) mechanically mixed in open foundations and plinths complete as per drawings and H.P.P.W.D. specification & MORD technical specification and curing complete including the cost of form work and hauling/carrriage of all labour equipments and materials to various locations through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	3	3.01	4	Cubic Metre.	7	8.00
4	Providing and laying cement concrete for plain concrete in open foundation 1:4:8 (One cement : four sand : eight graded crushed stone aggregate 25mm (twenty five millimetre nominal size) mechanically mixed in open foundations and sub structure of retaining walls, Breast walls and parapets etc. complete as per drawings and H.P.P.W.D. specification & MORD technical specification section and clause 800, 1202 and 1203 and curing complete including the cost of form work and hauling / carrriage of all labour equipments and materials to various locations through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	3	26.71	4	Cubic Metre.	7	8.00
5	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for sub structure as per drawing and technical specification of Ministry of Rural Development for Rural road clause 702, 704, 1202 and 1204 including carrriage of all labour equipment and materials to various location through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	3	30.84	4	Cubic Metre.	7	8.00
6	Construction of dry rubble stone masonry for Retaining walls, breast walls, revetment walls and parapets etc for sub-structure and super structure complete as per drawing and technical specification of Ministry of Rural Development for Rural road clause 704.6 and 1302.5 including hauling/ carrriage of all labour equipment and materials to various location through all modes of transportation, with in all leads and lift of materials and as per direction of Engineer-in-charge.	3	45.00	4	Cubic Metre.	7	8.00
7	Back filling with granular materials behind abutment, wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 including haulage/carrriage of all labour equipments and materials to various locations through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	3	5.64	4	Cubic Metre.	7	8.00
8	Providing weep holes in brick masonry / stone masonry/ plain reinforced concrete abutment, wing wall, return wall with 100 mm (one hundred millimetre) dia PVC pipe extending through the full width of the structure with stops of 11 v/20(H) towards draining face complete as per drawing and technical specifications clause 614, 709, 1206.6 including hauling/ carrriage of all labour, equipments and materials to various location through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	3	11.00	4	Each	7	8.00
						Total:-	

Executive Engineer
Banjar Division
HPPWD Banjar

SCHEDULE OF QUANTITY

Name of work:- Restoration of rain damages on Sainj Deori road Km. 0/00 to 7/00.
(SH :-Hiring of Tipper for carriage of Muck/debries of slips at various reaches).

Estimated Cost:- Rs. 123120/- only.
Earnest Money :-Rs.2500/- only.

Time :- One month

Sr. No	Description of items	Quantity		Rate with all taxes Including GST		Unit	Amount
		30.00	Per Day	Figures	Words		
1	Hiring of Tipper for carriage of muck /debries of slip on various RDs. Including POL charges and other incidentals i.e operator and cleaner and other staff charges complete and stacking the servicable material and disposal of non-servicable material. with in all leads and lifts of material as per direction and entire satisfaction of Engnieer-in-charge the capacity of tipper not less than 5.50 Cum/10 tonne.					Per Days.	
						TOTAL:-	

Executive Engineer
Banjar Division
HPPWD Banjar

23

SCHEDULE OF QUANTITY

Name of work:- Restoration of rain damages on Sainj to Fagla road Km. 0/00 to 7/500.
(SH :-Hiring of Tipper for carriage of Muck/debries of slips at various various reaches).

Estimated Cost:- Rs. 123120/- only.
Earnest Money :-Rs. 2500/- only.
Time :- One month

Sr. No	Description of items	Quantity	Rate with all taxes including GST		Unit	Amount
			Figures	Words		
1	Hiring of Tipper for carriage of muck /debries of slip on various RDs. Including POL charges and other incidentals i.e operator and cleaner and other staff charges complete and stacking the servicable material and disposal of non-servicable material. with in all leads and lifts of material as per direction and entire satisfaction of Engineer-In-charge the capacity of tipper not less than 5.50 Cum/10 tonne.	30.00			Per Day	
					TOTAL:-	


Executive Engineer
Banjar Division
HPPWD Banjar

24

Sr. No	Description of Items	Quantity		Rate with all taxes excluding GST		Unit	Amount
		Figures	Words	5	6		
1	2	3	4	5	6	7	8.00
1	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock/hard rock (Requiring blasting), hard rock(blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, levelling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials, such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	40.70	Cubic Metre.			Per cubic metre.	
2	Providing and laying cement concrete for plain/reinforcement concrete 1:6:12 (One cement : Six sand : twelve graded stone aggregate 40mm (forty millimetre nominal size) mechanically mixed in open foundations and plinths complete as per drawings and H.P.P.W.D specification & MORD technical specification and curing complete including the cost of form work and hauling/carryage of all labour equipments and materials to various locations through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	6.60	Cubic Metre.			Per cubic metre.	
3	Providing and laying cement concrete for plain concrete in open foundation 1:4:8 (One cement : four sand : eight graded crushed stone aggregate 25mm (twenty five millimetre nominal size) mechanically mixed in open foundations and sub structure of retaining walls, Breast walls and parapets etc. complete as per drawings and HP.PWD. specification/MORD technical specification section and clause 800,1202 and 1203 and curing complete including the cost of form work and hauling / carryage of all labour equipments and materials to various locations through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	3.40	Cubic Metre.			Per cubic metre.	
4	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for sub structure as per drawing and technical specification of Ministry of Rural Development for Rural road clause 702,704,1202 and 1204 including carriage of all labour equipment and materials to various location through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	26.64	Cubic Metre.			Per cubic metre.	
5	Construction of dry rubble stone masonry for Retaining walls, breast walls, revetment walls and parapets etc for sub-structure and super structure complete as per drawing and technical specification of Ministry of Rural Development for Rural road clause 704.6 and 1302.5 including hauling/ carriage of all labour equipment and materials to various location through all modes of transportation, with in all leads and lift of materials and as per direction of Engineer-in-charge.	39.16	Cubic Metre.			Per cubic metre.	
6	Back filling with granular materials behind abutment, wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 including haulage/carryage of all labour equipments and materials to various locations through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	10.90	Cubic Metre.			Per cubic metre.	
						Total:-	

73

SCHEDULE OF QUANTITY

Name of Work:- Restoration of rain damages on Bhuinka Pul to Kotla road Km. 0/00 to 10/800.
(SI) :- Construction of Retaining wall at RD.4/465 to 4/480).

Estimated Cost:- Rs. 384940/- only.
 Earnest Money :-Rs. 7700/- only.
 Time :- Three Month.

Sr. No	Description of Items	Quantity		Rate with all taxes excluding GST		Unit	Amount
		3	4	Figures	Words		
1	Excavation soil in hilly area by mechanical means including cutting and trimming of side slopes and disposal of excavated earth with lift up to 1.5 m and a lead up to 20 m as per drawing and technical specification clause 1603.1 all kind of soil with in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	16.20	Cubic Metre.	5	6	7 Per cubic metre.	8.00
2	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock, hard rock (Requiring blasting), hard rock (blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	31.43	Cubic Metre.			Per cubic metre.	
3	Providing and laying cement concrete for plain/reinforcement concrete 1:6:12 (One cement : Six sand : twelve graded stone aggregate 40mm (forty millimetre nominal size) mechanically mixed in open foundations and plinths complete as per drawings and H.P.P.W.D. specification and I.R.O.R.D technical specification and curing complete including the cost of form work and hauling/carryage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	7.35	Cubic Metre.			Per cubic metre.	
4	Providing and laying cement concrete for plain concrete in open foundation 1:4:8 (One cement : four sand : eight graded crushed stone aggregate 25mm (twenty five millimetre nominal size) mechanically mixed in open foundations and sub structure of retaining walls, breast walls and parapets etc. complete as per drawings and H.P.P.W.D. specification/MORD technical specification section and clause 800,1202 and 1203 and curing complete including the cost of form work and hauling / carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	3.00	Cubic Metre.			Per cubic metre.	
5	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for sub structure as per drawing and technical specification of Ministry of Rural Development for Rural road clause 702,704,1202 and 1204 including carriage of all labour equipment and materials to various location through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	27.45	Cubic Metre.			Per cubic metre.	
6	Construction of dry rubble stone masonry for Retaining walls, breast walls, revetment walls and parapets etc for sub-structure and super structure complete as per drawing and technical specification of Ministry of Rural Development for Rural road clause 704.6 and 1302.5 including hauling/ carriage of all labour equipment and materials to various location through all modes of transportation. with in all leads and lift of materials and as per direction of Engineer-in-charge.	45.14	Cubic Metre.			Per cubic metre.	
7	Back filling with granular materials behind abutment, wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 including haulage/carryage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	13.72	Cubic Metre.			Per cubic metre.	
						Total:-	

26


 Executive Engineer
 Banjar Division
 HPPWD Banjar

SCHEDULE OF QUANTITY

Name of Work:- Restoration of rain damages on Bhunkapul to Kotla road Km. 0/00 to 10/800.
(SH :-Construction of R/wall at RD. 7/408 to 7/425).

Estimated Cost:- Rs. 442053/- only.

Earnest Money :-Rs. 8900/- only.

Time :- Three Month.

Sr. No	Description of Items	Quantity		Rate with all taxes excluding GST		Unit	Amount
		3	4	Figures	Words		
1	2			5	6	7	8.00
1	Excavation soil in hilly area by mechanical means including cutting and trimming of side slopes and disposal of excavated earth with lift up to 1.5 m and a lead up to 20 m as per drawing and technical specification clause 1603.1 all kind of soil with in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	17.51	Cubic Metre.			Per cubic metre.	
2	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock, hard rock (requiring blasting), hard rock (blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable division, pumping and hauling out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	36.55	Cubic Metre.			Per cubic metre.	
3	Providing and laying cement concrete for plain/reinforcement concrete 1:6:12 (One cement : Six sand : twelve graded stone aggregate 40mm (forty millimetre nominal size) mechanically mixed in open foundations and plinths complete as per drawings and I.P.W.D specification & MORD technical specification and curing complete including the cost of form work and hauling/carryage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	8.33	Cubic Metre.			Per cubic metre.	
4	Providing and laying cement concrete in open foundation 1:4:8 (One cement : four sand : eight graded crushed stone aggregate 40mm (forty millimetre nominal size) mechanically mixed in open foundations and sub structure of retaining walls, breast walls and parapets etc. complete as per drawings and HP.PWD. specification/MORD technical specification section and clause 800.1202 and 1203 and curing complete including the cost of form work and hauling / carryage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	4.00	Cubic Metre.			Per cubic metre.	
5	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for sub structure as per drawing and technical specification of Ministry of Rural Development for Rural road clause 702.704, 1202 and 1204 including carryage of all labour equipment and materials to various location through all modes of transportation in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	31.59	Cubic Metre.			Per cubic metre.	
6	Construction of dry rubble stone masonry for Retaining walls, breast walls, revetment walls and parapets etc for sub-structure and super structure complete as per drawing and technical specification of Ministry of Rural Development for Rural road clause 704.6 and 1302.5 including hauling/ carryage of all labour equipment and materials to various location through all modes of transportation, with in all leads and lift of materials and as per direction of Engineer-in-charge.	50.69	Cubic Metre.			Per cubic metre.	
7	Back filling with granular materials behind abutment, wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 including haulage/carryage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	16.83	Cubic Metre.			Per cubic metre.	
						Total:-	

Executive Engineer,
Banjar Division
HPPWD, Banjar

Name of Work:- Restoration of rain damages on Saij Neull Cartah road Km. 0/00 to 10/00.
 Estimated Cost:- Rs. 492641/- only.
 Earnest Money :-Rs. 10000/- only.
 Time :- Three Month.

SH :- Construction of wire crated B/wall for *Boulder* Bridge at RD. 9/135).

Sr. No	Description of items	Quantity		Rate with all taxes excluding GST		Unit	Amount
		3	4	Figures	Words		
1	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock, hard rock (Requiring blasting), hard rock (blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials, such as stone shingles, egg, and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	99.22	Cubic Metre.	5	6	7 Per cubic metre.	8.00
2	Providing and laying of boulder upon laid in wire crates with 4mm (four millimetre) dia G-I wire conforming to IS 280 and IS 4826 in 100mmx100mm (one hundred millimetre x one hundred millimetre) mesh woven diagonally including ten percent extra for laps and joints laid with stone boulder weighting not less than 25 kg (twenty five kilogramme) each as per drawing and technical specification clause 1301 including haulage/carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	140.63	Cubic Metre.			Per cubic metre.	
3	Back filling with granular materials behind abutment, wing walls and return walls complete as per drawing and technical specification clause 1206.3 and 1604.7 including haulage/carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	49.95	Cubic Metre.			Per cubic metre.	
						Total:-	

Executive Engineer
 Banjar Division
 HPPWD Banjar

28

Name of Work:- Restoration of rain damages on Sainj Neuli Gartah road Km. 0/00 to 10/00.
(SH :-Construction of wire crated B/wall at RD.9/45 to 9/065).

Estimated Cost:- Rs. 215703/- only.
Earnest Money :-Rs. 4400/- only.
Time :- Three Month.

Sr. No	Description of Items	Quantity		Rate with all taxes excluding GST		Unit	Amount
		3	4	Figures	Words		
1	Excavation soil in hilly area by mechanical means including cutting and trimming of side slopes and disposal of excavated earth with lift up to 1.5 m and a lead up to 20 m as per drawing and technical specification clause 1603.1 all kind of soil with in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	35.75	Cubic Metre.	5	6	Per cubic metre.	8.00
2	Excavation in earth work for structure in all heights and depths in all kinds of soil including ordinary rock, hard rock (Requiring blasting), hard rock (blasting prohibited), marshy soil and their intermediate classification. If water is met due to stream flow, seepage, rain and other causes it shall be removed by suitable diversion, pumping and bailing out and the excavation shall be kept dry whenever so required by the contractor at his own cost, including dressing of slopes and beds setting out conforming to required lines, grades, side slopes as shown in the drawing and as per direction of Engineer-in-charge and transportation of soil to road way after back filling and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites including its stacking, leveling and dressing in all leads and lifts through all modes of transportation including head load animal load or mechanical means or other incidentals to complete the work as per technical specifications clause 305.1. All useful materials, such as stone shingles, agg. and slates shall be sorted out and stacked along road sides to the maximum possible extent in all leads and lifts. Any loss to the public and private property during the course of execution of disposal of serviceable and un-serviceable materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	18.50	Cubic Metre.			Per cubic metre.	
3	Providing and laying of boulder apron laid in wire crates with 4mm (four millimetre) dia G-I wire conforming to IS 260 and IS 4826 in 100mmx100mm (one hundred millimetre x one hundred millimetre) mesh woven diagonally including ten percent extra for laps and joints laid with stone boulder weighting not less than 25 kg (twenty five kilogramme) each as per drawing and technical specification clause 1301 including haulage/carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in-charge.	78.13	Cubic Metre.			Per cubic metre.	
						Total:-	

Executive Engineer
Banjar Division
HPPWD Banjar

29

SCHEDULE OF QUANTITY

Name of Work:- Restoration of rain damages on Sainj to Fagla road Km. 0/00 to 7/500.
(SH :- Removal of slips at various RD. 0/325 TO 4/070).

Estimated Cost:- Rs. 498653/- only.
Earnest Money :-Rs. 10000/- only.
Time :- 15 Days.

Sr. No	Description of items	Quantity		Rate with all taxes including GST		Unit	Amount
		Figures	Words	Figures	Words		
1	2	3	4	5	6	7	8.00
1	Removal of land slide in hilly are in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slope and disposal of cut material with in lift upto 1.5 m and lead upto 1000m as per technical specification clause 302.3.5 and 1611 with in all leads and lifts to the entire satisfaction as per direction of Engineer-in-Charge.	3545.35	Cubic Metre.			Per cubic metre.	
						Total:-	


Executive Engineer
Banjar Division
HPPWD Banjar