



"NOTICE INVITING TENDER"

Sealed item rate tender for the following works are hereby invited by the Executive Engineer, B&R Division HP.PWD., Joginder Nagar District Mandi (H.P) from the eligible contractors of the appropriate class registered in HP.PWD. as per revised enlistment rules so as to reach in the office of under signed on **31/08/2022 up to 11:30 A.M.** and will be opened on the same day at **(12:00 noon)** in the presence of intending contractors. The tender application will be received in this office against cash payment on **29/08/2022 up to 10.00 A.M. to 12:30 P.M.** and tender form can be had from this office on **30/08/2022 from 2.00 P.M. to 5.00 Pm.** The earnest money as shown against each in the shape of F.D.R of any bank in Himachal Pradesh duly pledged in the name of the under signed must accompany with each tender. The tender form will be issued to contractor giving proof of enlistment, GST, work done certificate, proof of machinery etc. Conditional tender and tender received without earnest money will be out rightly rejected. The offer of the tender shall be kept open for 90 days. The Executive Engineer reserves the right to reject any or all the tenders without assigning any reasons.

The draft NIT and other specifications and conditions of the tender can be seen by the contractors in the office of the under signed on any working day during the office hours.

	Name of work	Amount put to tender/ Estimated cost	Earnest Money	Cost of tender form	Eligible Class of Contractor	Time
1	Construction of road from Kamal Galu to Harizan Basti Nauhli (Ropoo) Km. 0/0 to 2/500. (Sub Head:- Removal of formation deficiency by providing retaining wall at Km. 0/840 to 0/855).	₹ 4,74,795/-	₹ 9,500/-	₹ 350/-	Class "D"	Three months
2	A/R & M/O Machhyal Ropri Traimbli road 0/0 to 7/560. (Sub Head:- Construction of U-shape drain from Km. 0/350 to 0/420).	₹ 1,10,831/-	₹ 2,200/-	₹ 350/-	Class "D"	Three months
3	A/R & M/O on Majharnoo Syuri road Km. 0/0 to 3/0. (sub Head:- Construction of retaining wall at Km. 2/075 to 2/090)	₹ 2,00,196/-	₹ 4,000/-	₹ 350/-	Class "D"	Three months
4	Construction of Galu (Harabag) Bhatwari Lahla Malan Nakehar Kangwan road Km. 0/0 to 5/0. (Sub Head:- Construction of retaining wall along with Pushta at Km. 2/660 to 2/674).	₹ 4,82,134/-	₹ 9,600/-	₹ 350/-	Class "D"	Three months
5	M/T on Kahidhar to Pateyour road Km. 0/0 to 2/0. (Sub Head:- Providing and laying Kharanja stone soling in Km. 0/0 to 0/100).	₹ 96,079/-	₹ 1,900/-	₹ 350/-	Class "D"	Two months
6	Construction of Brij Mandi Devgarh G.P. Panchajan (Panjagna) road Km. 0/0 to 3/0. (Sub Head:- Providing and laying soling grade-I in Km. 0/500 to 0/700).	₹ 1,72,945/-	₹ 3,500/-	₹ 350/-	Class "D"	Three months
7	Restoration of rain damages on Bihun Kund Sajehar road Km. 0/0 to 7/500. (Sub Head:- removal of land slide/ slips at various reaches between Km. 0/360 to 4/710).	₹ 4,12,583/-	₹ 8,300/-	₹ 350/-	Class "D"	Three months
8	A/R & M/O Majharnoo Kundunu Kufu road Km. 0/0 to 6/0. (Sub Head:- Construction of retaining wall at Km. 1/075 to 1/081).	₹ 1,11,260/-	₹ 2,200/-	₹ 350/-	Class "D"	Three months
9	Special repair to Govt. Degree College Joginder Nagar Tehsil Joginder Nagar District Mandi (H.P). (Sub Head:- Balance work of painting and distempering work in Administrative Block, Science block Arta block and Entrance gate)	₹ 4,98,307/-	₹ 10,000/-	₹ 350/-	Class "D"	Three months
10	Restoration of rain damages on Dhelu Yora Tikru road Km. 0/0 to 5/525. (sub Head:- Construction of retaining wall at Km. 3/075 to 3/090)	₹ 3,48,421/-	₹ 7,000/-	₹ 350/-	Class "D"	Three months
11	Construction and M/T on link road to Harizan Basti Gyola (Kass Panchayat) Km. 0/0 to 1/700. (Sub Heade:- Construction of 900mm dia RCC hume pipe culvert at Km. 0/515).	₹ 2,50,446/-	₹ 5,000/-	₹ 350/-	Class "D"	Three months
12	Construction of link road Upper Balla to Lower Balla Km. 0/0 to 1/600. (Sub Head:- Construction of breast wall at Km. 0/010 to 0/017 and construction of hume pipe culvert at Km. 0/018).	₹ 3,47,868/-	₹ 7,000/-	₹ 350/-	Class "D"	Three months

13	Restoration of rain damages on Machhyal Balh Jol Ropari road Km. 0/0 to 9/0. (Sub Head:- Construction of breast wall at Km. 5/210 to 5/225).	₹ 1,94,409/-	₹ 3,900/-	₹ 350/-	Class "D"	Three months
14	Restoration of rain damages on Majharnu Kundunu Kufru road Km. 0/0 to 9/0. (Sub Head:- Construction of breast wall and wire crate work for protection of Agriculture Canal at Km. 4/580 to 4/593.50)	₹ 4,97,807/-	₹ 10,000/-	₹ 350/-	Class "D"	Three months
15	Construction and M/T on link road to village Batdhar Km. 0/0 to 4/0. (Sub Head:- Construction of breast wall at Km. 1/180 to 1/195).	₹ 2,08,819/-	₹ 4,200/-	₹ 350/-	Class "D"	Three months
16	Restoration of Majharnu Bhadroli road Km. 0/0 to 0/700. (Sub Head:- Construction of breast wall at Km. 0/090 to 0/096).	₹ 81,855/-	₹ 1,600/-	₹ 350/-	Class "D"	Two months
17	Construction of road from Chauntra to Sagnehar Chhatar Nalla bridge and Manoh to Patti Bag road (Portion Manoh to Patti Bag road Km. 0/0 to 2/0). (Sub Head:- Providing and laying wearing grade-II in Km. 0/0 to 0/500).	₹ 3,27,762/-	₹ 6,600/-	₹ 350/-	Class "D"	Three months
18	Construction of Dhaghon Salera Fogla road Km. 0/0 to 1/500. (Sub Head:- Providing and laying kharanja stone soling and cement concrete pavement at Km. 0/450 to 0/500).	₹ 1,98,530/-	₹ 4,000/-	₹ 350/-	Class "D"	Three months
19	Construction of link road Sheru School to Harizan basti G.P. Darat Bagla Km. 0/0 to 0/675 (Sub Head:- Construction of PCC retaining wall in 1:5:10 at Km. 0/0 to 0/030).	₹ 2,87,367/-	₹ 5,700/-	₹ 350/-	Class "D"	Three months
20	Construction of link road from Drubbal to Harizan Basti Basoti Ropru Km. 0/0 to 1/500 (Sub Head:- Construction of breast/protestation wall at Km. 0/478 to 0/491)	₹ 3,13,007/-	₹ 6,300/-	₹ 350/-	Class "D"	Three months

1. Certified that tender of above works are being called of emergent nature in exigency of public interest

Terms and conditions:-

- The contractor should produce a copy of enlistment / renewal letter at time of application.
- Executive Engineer reserves the right to reject/cancel any or all the tenders without assigning any reasons.
- The contractor/Firm shall have his registration and GST No, the copy of same be attached with the application.
- The earnest money shall be deposited duly pledged in favour of Executive Engineer B&R Division HPPWD., Joginder Nagar & cost of tender form for the above works should be submitted with the application for the purchase of the tender forms. The application received without earnest money & cost of tender form shall summarily be rejected.
- No tender form will be issued to the contractor without producing the work done certificate from the Executive Engineer concerned
- The Contractor/Firms must have executed minimum one civil /similar nature of work done of amount not less than 40% (forty percent) of the estimated cost (without Liquidated Damage or compensation) in last five years.
- The contractor/firms are requested to insert the rate of each item in words as well as in figures failing which XEN reserves the right to accept/reject any tender without assigning any reason at any stage.
- The tender shall be issued to those contractors who have not more than two works in hand.

Executive Engineer,
B&R Division HP PWD.,
Joginder Nagar.

District Mandi (HP) on behalf of Governor
of Himachal Pradesh Ph. 01908-222033

Dated:- 18/08/2022

No. PW-JND-B&R-EA-I/NIT/Press/2022-23- 13474-83

- Copy to the F.C. Cum Principal Secretary (PW) to the Govt. of Himachal Pradesh Shimla-2 for favour of information please.
- The Engineer-in-Chief, HPPWD, Shimla.
- The Chief Engineer (MZ), HPPWD, Mandi.
- The Superintending Engineer, Joginder Nagar Circle HPPWD, Joginder Nagar.
- All the Assistant Engineer working under this Division.
- Drawing Branch in this office.
- Notice Board.
- The Computer Cell office of the Engineer-in-Chief, HPPWD, Shimla for uploading the NIT on the Departmental website.

Executive Engineer,
B&R Division HP PWD.,
Joginder Nagar.

SCHEDULE OF QUANTITY

70600


①

Name of Work : Construction of Road From Kamal Galu to Harizan Basti Naulhi (Roparoo) Km 0/00 to 2/500
(SH: Removal of Formation deficiency by providing Retaining wall at km 0/840 to 0/855)

Estimate Cost: 4,74,795
Earnest Money: 9,500
Time Limit : Three Mon

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost.	26.03	Per cubic metre			
2	Providing and laying cement concrete 1:5:10(one cement: five sand:ten graded crushed / broken stone aggregate 40 mm (forty millimeters) nominal size) plums and curing complete including the cost of form work in Retaining walls Breast walls , in or under water complete including, pumping or bailing out water ,dewatering removal of slush as required at site which may arisen at the time of laying under water complete for all heights/depths including cost of form work as per drawings and MORD technical specifications section 800, 900,1200 & 1600 and as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals .	82.96	Per cubic metre			

Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
			Figures	Words	
3 Back filling behind abutment wing wall and return wall complete as per Drawing and technical specifications clause 1204.3.8 Granular material complete within all leads, lifts carriage of material and other incidentals.	19.80	Per cubic metre			
4 Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of 1 (v): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge.	24.00	Each			
Total					



 Executive Engineer
 B & R Division HP.PWD,
 Joginder Nagar

SCHEDULE OF QUANTITY

Name of Work : A/R & M/O Machhyal Ropari Triambli Road km 0/00 to 7/560
(S.H. : Construction of U-Shape Drain from km 0/350 to 0/420)

Estimate Cost: 1,10,831.00
Earnest Money: 2,200.00
Time Limit : Three Months

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost .	27.30	Per cubic metre			
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete Grade M-10 complete within all leads, lifts carriage of material and other incidentals.	15.75	Per cubic metre			
Total						


Executive Engineer
B & R Division HP.PWD,
Joginder Nagar

SCHEDULE OF QUANTITY


Name of Work : A/R & M/O Majharnoo Siyuri Road km 0/00 to 3/00
(SH: Construction of Reatining wall at km 2/075 to 2/090)

Name of Work : A/R & M/O Majharnoo Siyuri Road km 0/00 to 3/00 (SH: Construction of Reatining wall at km 2/0/75 to 2/0/90)					Estimate Cost: 2,00,196 Earnest Money: 4,000 Time Limit : Three Mon		
Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P	
				Figures	Words		
1	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost .	9.38	Per cubic metre				
2	Providing and laying cement concrete 1:5:10(one cement: five sand,ten graded crushed / broken stone aggregate 40 mm (forty millimeters) nominal size) plums and curing complete including the cost of form work in Retaining walls Breast walls , in or under water complete including, pumping or bailing out water ,dewatering removal of slush as required at site which may arisen at the time of laying under water complete for all heights/depths including cost of form work as per drawings and MORD technical specifications section 800, 900,1200 & 1600 and as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals .	35.40	Per cubic metre				

Estimate Cost: 2,00,196
Earnest Money: 4,000
Time Limit : Three Mon

8

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
3	Back filling behind abutment wing wall and return wall complete as per Drawing and technical specifications clause 1204.3.8 Granular material complete within all leads, lifts carriage of material and other incidentals.	9.30	Per cubic metre			
4	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of 1 (V): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge .	11.00	Each			
Total						


 Executive Engineer
 B & R Division HP.PWD,
 Joginder Nagar

SCHEDULE OF QUANTITY


Name of Work : Construction of Galu (Harabag) Bhatwari Lahla Malan Nakehar Kangwan road km.0/0 to 5/00
(SH: Construction of Retaining wall Along with Pusta at km 2/660 to 2/674)

Estimate Cost: 4,82,134.00
Earnest Money: 9,600.00
Time Limit : Three Months

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost .	15.96	Per cubic metre			
2	Providing and laying cement concrete 1:5:10(one cement: five sand:ten graded crushed / broken stone aggregate 40 mm (forty millimeters) nominal size) plums and curing complete including the cost of form work in Retaining walls Breast walls , in or under water complete including, pumping or bailing out water ,dewatering removal of slush as required at site which may arisen at the time of laying under water complete for all heights/depths including cost of form work as per drawings and MORD technical specifications section 800, 900,1200 & 1600 and as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals .	86.10	Per cubic metre			

4


Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
3	Back filling behind abutment wing wall and return wall complete as per Drawing and technical specifications clause 1204.3.8 Granular material complete within all leads, lifts carriage of material and other incidentals.	14.56	Per cubic metre			
4	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of 1 (V): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge.	38.00	Each			
Total						


 Executive Engineer
 B & R Division HP.PWD,
 Joginder Nagar

SCHEDULE OF QUANTITY

Name of Work- M/T on Kahidhar to Pateyour Road km 0/00 to 2/00
(Sub Head:- Providing and Laying Kharanja Stone Soling at km 0/00 to 0/100)

Sr. No.	Description of work	No. or Qty.	Unit	Estimate Cost:		
				Figures	Rate Words	AMOUN Rs. H
1	Preparation of sub grade by dressing to camber (Earth work for cutting involved for sub grade to paid for separately depending upon the classification of soil completed as per HPPWD specifications complete within all leads, lifts, carriage of material and other incidentals charges.	294.00	Per square metre			
2	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and rerolling the sub grade complete as per HPPWD Specifications complete within all leads, lifts, carriage of material and other incidentals charges.	294.00	Per square metre			
3	Stone soling properly handpacked filling interstices with Kharanja stone and consolidating with power road roller to the requested gradient and comber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD specification. 100 mm (one hundred millimeter) spread thickness (finished work including materials and labour) and to the entire satisfaction and direction of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation in all leads, lifts and other incidental complete in all respect.	44.10	Per Cubic metre			
Total						


Executive Engineer
B & R Division HP.PWD,
Joginder Nagar

SCHEDULE OF QUANTITY

Job No 6

Name of Work : Construction of Brij Mandi Deygarh G.P. Panchjan (Pangagna) Road km 0/00 to 3/00
(Sub Head:- Providing and laying Soling G-I in km 0/500 to 0/700)

Estimate Cost: 1,72,900
Earnest Money: 3,500
Time Limit : Three Months

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Providing, laying, spreading and compacting stone aggregates by manual means of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN (eighty-hundred kilo newton) static roller in stages to proper grade and camber applying and brooming, stone screening/ binding materials to fillup the interstices of course aggregate watering and compacting to the required density Grading-1 (one) as per technical specification clause 405 complete within all leads, lifts, carriage of material and other incidentals charges.	63.00	Per cubic metre			
Total						


Executive Engineer
B & R Division HP.PWD,
Joginder Nagar

SCHEDULE OF QUANTITY

Sheet - 7

Name of Work : Restoration of Rain Damages on Bihun Kund Sajehar Road km 0/00 to 7/500
(S.H. : Removal of Land Slide / Slips at Various Reaches between km 0/360 to 4/710)

Estimate Cost: 4,12,583
Earnest Money: 8,300
Time Limit : Three Months

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut material as per technical specification clause 302.3.5 and 1611. including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge .	2673.90	Per cubic metre			
Total						


Executive Engineer
B & R Division HP.PWD,
Joginder Nagar

SCHEDULE OF QUANTITY

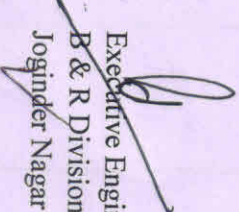
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Name of Work : A/R & M/O Majharanoo Kundunu Kufru Road km 0/00 to 6/00
(SH: Construction of Retaining wall at km 1/075 to 1/081)

Sr. No.	Description of work	No. or Qty.	Unit	Estimate Cost:		
				Figures	Rate	AMOUNT
					Words	Rs. P
1	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost .	5.79	Per cubic metre			
2	Providing and laying cement concrete 1:5:10(one cement: five sand:ten graded crushed / broken stone aggregate 40 mm (forty millimeters) nominal size) plums and curing complete including the cost of form work in Retaining walls Breast walls , in or under water complete including, pumping or bailing out water ,dewatering removal of slush as required at site which may arisen at the time of laying under water complete for all heights/depths including cost of form work as per drawings and MORD technical specifications section 800, 900,1200 & 1600 and as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals .	18.90	Per cubic metre			

Estimate Cost: 1,11,260
Earnest Money: 2,200
Time Limit : Three Months

No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
3	Back filling behind abutment wing wall and return wall complete as per Drawing and technical specifications clause 1204.3.8 Granular material complete within all leads, lifts carriage of material and other incidentals.	8.82	Per cubic metre			
4	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of 1 (v): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge .	8.00	Each			
Total						


 Executive Engineer
 B & R Division HP.PWD,
 Joginder Nagar


SCHEDULE OF QUANTITY

Job No 9

Name of Work : Special Repair to Govt. Degree Collage Joginder Nagar Tehsil Joginder Nagar Distt. Mandi (H.P.)
(SH: Balance work of Painting and Distempering work in Administrative Block, Science Block, Arts Block and Entrance Gate)

Estimate Cost: 4,99,100
Earnest Money: 10%
Time Limit : Three Months

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs.
				Figures	Words	
1	Applying priming coat over new wood / previously painted wood and wood based surfaces after and including prepering the surface by thoroughly cleaning oil,grease,dirt and other foreign matter) sand papering and knotting. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	1507.05	Per square metre			
2	Painting Two coats (excluding priming coat)on previously painted wood and wood based surfaces With enamel paint other than white to given and even shade including cleaning of all dirt,dust and other foreign matter sand papering and stopping. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	1507.05	Per square metre			
3	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equivalent on undecorated wall surfaces (two coats) to give an even shade and final after throughly cleaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	2264.43	Per square metre			
Total						


Executive Engineer
B & R Division HP.PWD,
Joginder Nagar

SCHEDULE OF QUANTITY


Table 10

Name of Work : ~~A/R & M.O~~ Dhelu Yora Tikroo Road km 0/00 to 5/525.
(SH: Construction of Retaining wall at km 3/075 to 3/090)

Name of Work : A/R & M.O Dhehu Yora Tikroo Road km 0/00 to 5/525. (SH: Construction of Reatining wall at km 3/075 to 3/090)					Estimate Cost: 3,48,421. Earnest Money: 7,000. Time Limit : Three Month		
Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P	
				Figures	Words		
1	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost .	19.43	Per cubic metre				
2	Providing and laying cement concrete 1:5:10(one cement: five sand:ten graded crushed / broken stone aggregate 40 mm (forty millimeters) nominal size) plums and curing complete including the cost of form work in Retaining walls Breast walls , in or under water complete including, pumping or bailing out water ,dewatering removal of slush as required at site which may arisen at the time of laying under water complete for all heights/depths including cost of form work as per drawings and MORD technical specifications section 800, 900,1200 & 1600 and as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals .	62.25	Per cubic metre				

Estimate Cost: 3,48,421.
Earnest Money: 7,000.
Time Limit : Three Months

No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
3	Back filling behind abutment wing wall and return wall complete as per Drawing and technical specifications clause 1204.3.8 Granular material complete within all leads, lifts carriage of material and other incidentals.	13.73	Per cubic metre			
4	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of 1 (v): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge.	29.00	Each			
Total						


 Executive Engineer
 B & R Division HP, PWD,
 Joginder Nagar

7020 No 11


SCHEDULE OF QUANTITY

Name of Work : Construction and M/T on Link Road to Harizan Basti Gyola (Kass Panchyat) km 0/00 to 1/700
(Sub Head:- Construction of 900mm dia Hume Pipe Culvert at km 0/515)

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost .	29.80	Per cubic metre			
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete Grade M-10 complete within all leads, lifts carriage of material and other incidentials.	15.18	Per cubic metre			
3	Providing and laying concrete for plain / reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 & 1203. Plain cement concrete nominal mix 1:5:10 (one cement : five sand : ten graded stone aggregate 40mm (forty millimetre) nominal size) complete within all leads, lifts carriage of material and other incidentials.	18.46	Per cubic metre			

Estimate Cost: 2,50,446
Earnest Money: 5,000
Time Limit : Three Mon

No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
4	Providing weep hole in brick masonry/ stone masonry / plain reinforced concrete abutment , wing wall, return wall with 100mm dia.(one hundred millimetre diameter) PVC pipe extending through the full width of the structures with slope of 1V:20H (one vertical isto twenty horizontal) towards drawing face complete as per drawing and technical specifications clauses 614,709,1204.3.7 including carriage of material and other incidentals.	6.00	Each			
5	Back filling behind abutment wing wall and return wall complete as per Drawing and technical specifications clause 1204.3.8 Granular material complete within all leads, lifts carriage of material and other incidentals.	6.78	Per cubic metre			
6	Providing and laying 900mm (nine hundred millimetre) diameter reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 (one cement : two sand) but excluding excavation, protection work, back filling, concrete and masonry work in head walls and parapets clause 1108 complete within all leads, lifts carriage of material and other incidentals.	7.50	Per running metre			
	Total					


 Executive Engineer
 B & R Division HP.PWD,
 Joginder Nagar

SCHEDULE OF QUANTITY

506N^o 12

Name of Work : Construction of Link road Upper Balla to Lower Balla km 0/00 to 1/600

(Sub Head:- Construction of Breast wall at km 0/010 to 0/017 and Construction of Hume Pipe Culvert at km 0/018)

Estimate Cost: 3,47,866
Earnest Money: 7,000
Time Limit : Three Months

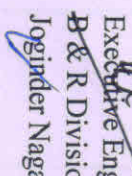
Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	

1	Excavation in soil in hilly area in all heights and depths and in all kind of soil by all means including saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil, setting out true to the required line, grades, width cutting and trimming of side slopes and level as shown on the drawing and as directed by the Engineer-in-Charge at site according to the M.O.R.D. technical specification section 1000 & 300 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of the road and transportation of useful material for filling in road ways, camber, embankments for grade improvements and disposal of all surplus material at approved dumping sites through all modes of transportation including head load or animals transport or mechanical means along with its leveling fine dressing and hauling /carriage of machineries, materials, tools equipments and safety measures. Any loss to the public / private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him at his own cost.	7.56	Per cubic metre			
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2	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost.	47.51	Per cubic metre			
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Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
3	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete Grade M-10 complete within all leads, lifts carriage of material and other incidentals.	9.73	Per cubic metre			
4	Providing and laying concrete for plain / reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 & 1203. Plain cement concrete nominal mix 1:5:10 (one cement : five sand : ten graded stone aggregate 40mm (forty millimetre) nominal size) complete within all leads, lifts carriage of material and other incidentals.	36.39	Per cubic metre			
5	Providing and laying concrete for plain / reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 & 1203. Plain cement concrete nominal mix 1:4:8 (one cement : four sand : eight graded stone aggregate 40mm (forty millimetre) nominal size) complete within all leads, lifts carriage of material and other incidentals.	3.35	Per cubic metre			
6	Providing and laying flooring laid over cement concrete bedding complete as per drawing and technical specification. Rubble stone laid in cement mortar 1:5 (one cement : five sand) complete within all leads, lifts carriage of material and other incidentals.	0.49	Per cubic metre			
7	Providing and laying 900mm (nine hundred millimetre) diameter reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 (one cement : two sand) but excluding excavation, protection work, back filling, concrete and masonry work in head walls and parapets clause 1108 complete within all leads, lifts carriage of material and other incidentals.	7.50	Per running metre			
8	Back filling behind abutment wing wall and return wall complete as per Drawing and technical specifications clause 1204.3.8 Granular material complete within all leads, lifts carriage of material and other incidentals.	6.72	Per cubic metre			

S. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
9	Providing weep hole in brick masonry/ stone masonry / plain reinforced concrete abutment , wing wall, return wall with 100mm dia.(one hundred millimetre diameter) PVC pipe extending through the full width of the structures with slope of 1V:20H (one vertical isto twenty horizontal) towards drawing face complete as per drawing and technical specifications clauses 614,709,1204.3.7 including carriage of material and other incidentals.	13.00	Each			
	Total					


 Executive Engineer
 B & R Division HP.PWD,
 Joginder Nagar


SCHEDULE OF QUANTITY

Name of Work : Restoration of Rain Damages on Machhyal Bhal Jol Ropari Road Km 0/00 to 9/00
(S.H. : Construction of Breast wall at RD 5/210 to 5/225)

Page 13

Sr. No.	Description of work	No. or Qty.	Unit	Estimate Cost:		AMOUNT
				Figures	Rate Words	Rs. P
1	Excavation in soil in hilly area in all heights and depths and in all kind of soil by all means including saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil, setting out true to the required line, grades, width cutting and trimming of side slopes and level as shown on the drawing and as directed by the Engineer-in- Charge at site according to the M.O.R.D. technical specification section 1000 & 300 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of the road and transportation of useful material for filling in road ways, camber, embankments for grade improvements and disposal of all surplus material at approved dumping sites through all modes of transportation including head load or animals transport or mechanical means along with its leveling fine dressing and hauling /carriage of machineries, materials, tools equipments and safety measures. Any loss to the public / private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him at his own cost.	16.50	Per cubic metre			
2	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost .	12.15	Per cubic metre			

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
3	Providing and laying cement concrete 1:5:10(one cement: five sand:ten graded crushed / broken stone aggregate 40 mm (forty millimeters) nominal size) plums and curing complete including the cost of form work in Retaining walls Breast walls , in or under water complete including, pumping or bailing out water ,dewatering removal of slush as required at site which may arisen at the time of laying under water complete for all heights/depths including cost of form work as per drawings and MORD technical specifications section 800, 900, 1200 & 1600 and as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals .	35.40	Per cubic metre			
4	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of 1 (v): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge .The rate is including Royalty, Malkhana, Octroi, toll tax, or any other taxes imposed by the Government excluding GST.	12.00	Each			
Total						


 Executive Engineer
 B & R Division HP.PWD,
 Joginder Nagar

SCHEDULE OF QUANTITY

705/No 14

Name of Work : Restoration of Rain Damages on Majharnu Kundunu Kufuru Road km 0/00 to 6/00
(SH: Construction of Breast wall and Wire Crate work for protection of Agriculture Cannal at km 4/580 to 4/593.50)

Estimate Cost: 4,97,807
Earnest Money: 10,000
Time Limit : Three Mon

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Excavation in soil in hilly area in all heights and depths and in all kind of soil by all means including saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil, setting out true to the required line, grades, width cutting and trimming of side slopes and level as shown on the drawing and as directed by the Engineer-in-Charge at site according to the M.O.R.D. technical specification section 1000 & 300 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of the road and transportation of useful material for filling in road ways, camber, embankments for grade improvements and disposal of all surplus material at approved dumping sites through all modes of transportation including head load or animals transport or mechanical means along with its leveling fine dressing and hauling /carriage of machineries, materials, tools equipments and safety measures. Any loss to the public / private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him at his own cost.	80.73	Per cubic metre			
2	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost .	15.80	Per cubic metre			

No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
3	Providing and laying cement concrete 1:5:10 (one cement: five sand: ten graded crushed / broken stone aggregate 40 mm (forty millimeters) nominal size) plums and curing complete including the cost of form work in Retaining walls Breast walls , in or under water complete including, pumping or bailing out water ,dewatering removal of slush as required at site which may arisen at the time of laying under water complete for all heights/depths including cost of form work as per drawings and MORD technical specifications section 800, 900,1200 & 1600 and as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals .	56.03	Per cubic metre			
4	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of 1 (v): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge .	26.00	Each			
5	Back filling behind abutment wing wall and return wall complete as per Drawing and technical specifications clause 1204.3.8 Granular material complete within all leads, lifts carriage of material and other incidentals.	24.30	Per cubic metre			
6	Providing and laying of boulder apron laid in wire crates with 4mm (four millimetre) diameter G.I. wire conforming to IS: 280 and IS: 4826 in 100mm x 100mm (one hundred millimetre into one hundred millimetre) mesh (woven diagonally) including 10% (ten percent) extra for laps and joints laid with stones boulders weighing not less than 25 Kg. (twenty five kilogram) each as per drawing and technical specifications clause 1301 complete within all leads, lifts, carriage of material and other incidentals.	42.19	Per Cubic metre			
Total						


 Executive Engineer
 B & R Division HP.PWD,
 Joginder Nagar

SCHEDULE OF QUANTITY

Job No 15

Name of Work : Construction and M/T of Link Road Village Batdhar km 0/00 to 4/00.
(SH: Construction of Breast wall at km 1/180 to 1/195)

Estimate Cost: 2,08,819
Earnest Money: 4,200
Time Limit : Three Months

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Excavation in soil in hilly area in all heights and depths and in all kind of soil by all means including saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil, setting out true to the required line, grades, width cutting and trimming of side slopes and level as shown on the drawing and as directed by the Engineer-in-Charge at site according to the M.O.R.D. technical specification section 1000 & 300 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of the road and transportation of useful material for filling in road ways, camber, embankments for grade improvements and disposal of all surplus material at approved dumping sites through all modes of transportation including head load or animals transport or mechanical means along with its leveling fine dressing and hauling /carriage of machineries, materials, tools equipments and safety measures. Any loss to the public / private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him at his own cost.	9.00	Per cubic metre			
2	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost .	11.18	Per cubic metre			

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
3	Providing and laying cement concrete 1:5:10(one cement: five sand:ten graded crushed / broken stone aggregate 40 mm (forty millimeters) nominal size) plums and curing complete including the cost of form work in Retaining walls Breast walls , in or under water complete including, pumping or bailing out water ,dewatering removal of slush as required at site which may arisen at the time of laying under water complete for all heights/depths including cost of form work as per drawings and MORD technical specifications section 800, 900,1200 & 1600 and as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals .	35.31	Per cubic metre			
4	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of 1 (v): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge .	26.00	Each			
	Total					


 Executive Engineer
 B & R Division HP.PWD,
 Joginder Nagar

SCHEDULE OF QUANTITY


Page No (16)

Name of Work : Restoration of Majharnoo Bhadroli Road km 0/00 to 0/700
(SH: Construction of Breast wall at km 0/090 to 0/096)

Estimate Cost: 81,855.
Earnest Money: 1,600.
Time Limit : Two Months

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Excavation in soil in hilly area in all heights and depths and in all kind of soil by all means including saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil, setting out true to the required line, grades, width cutting and trimming of side slopes and level as shown on the drawing and as directed by the Engineer-in-Charge at site according to the M.O.R.D. technical specification section 1000 & 300 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of the road and transportation of useful material for filling in road ways, camber, embankments for grade improvements and disposal of all surplus material at approved dumping sites through all modes of transportation including head load or animals transport or mechanical means along with its leveling fine dressing and hauling /carriage of machineries, materials, tools equipments and safety measures. Any loss to the public / private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him at his own cost.	6.48	Per cubic metre			
2	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost .	4.50	Per cubic metre			

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
3	Providing and laying cement concrete 1:5:10(one cement: five sand:ten graded crushed / broken stone aggregate 40 mm (forty millimeters) nominal size) plums and curing complete including the cost of form work in Retaining walls Breast walls , in or under water complete including, pumping or bailing out water ,dewatering removal of slush as required at site which may arisen at the time of laying under water complete for all heights/depths including cost of form work as per drawings and MORD technical specifications section 800, 900,1200 & 1600 and as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals .	14.16	Per cubic metre			
4	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of 1 (v): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge .	6.00	Each			
Total						


 Executive Engineer
 B & R Division HP.PWD,
 Joginder Nagar


SCHEDULE OF QUANTITY

Job No. 18

Name of Work : Construction of Road from Chauntra to Sangnehar Chhatar Nalla Bridge and Manoh to Patti Bag Road (Portion Manoh To Patti Bag Road Km 0/00 to 2/00)
(SH: Providing and Laying Wearing G-II from Km 0/00 to 0/500)

Estimate Cost: 3,27,777
Earnest Money: 6,66,666
Time Limit : Three Months

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs.
				Figures	Words	
1	Providing, laying, spreading and compacting stone aggregates by manual means of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN (eighty-hundred kilo newton) static roller in stages to proper grade and camber applying and brooming, stone screening/ binding materials to fillup the interstices of course aggregate watering and compacting to the required density Grading-2 (two) as per technical specification clause 405 complete within all leads, lifts, carriage of material and other incidentals charges.	110.25	Per cubic metre			
Total						


Executive Engineer
B & R Division HP.PWD,
Joginder Nagar

SCHEDULE OF QUANTITY

Name of Work- Construction of Dhaghon Salehra Fagla Road km 0/00 to 1/500
(Sub Head:- Providing and Laying Kharanja Stone Soling and Cement Concrete Pavement at km 0/450 to 0/500)

Estimate Cost: 1,98,500
Earnest Money: 4,000
Time Limit : Three Months

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs.
				Figures	Words	
1	Preparation of sub grade by dressing to camber (Earth work for cutting involved for sub grade to paid for separately depending upon the classification of soil completed as per HPPWD specifications complete within all leads, lifts, carriage of material and other incidentals charges.	157.50	Per square metre			
2	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and rerolling the sub grade complete as per HPPWD Specifications complete within all leads, lifts, carriage of material and other incidentals charges.	157.50	Per square metre			
3	Stone soling properly handpacked filling interstices with Kharanja stone and consolidating with power road roller to the requested gradient and camber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD specification. 100 mm (one hundred millimeter) spread thickness (finished work including materials and labour) and to the entire satisfaction and direction of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation in all leads, lifts and other incidental complete in all respect.	23.63	Per Cubic metre			
4	Construction of un-reinforced cement concrete pavement as per design and drawing with expension and construction joints, over a prepared sub base, with 43 (forty three) grade cement as per technical clause and specifications M-20 (twenty) grade course and fine aggregate conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm (twenty five millimetre) mixed in a concrete mixer of not less than 0.2 cum (zero point two cubic metre) capacity including form work with steel channels and plates and entire carriage of material with in all leads and lifts complete as per the direction of Engineer-in-charge.	19.69	Per Cubic metre			
Total						

706 No 18

Executive Engineer
B & R Division HP.PWD,
Joginder Nagar

SCHEDULE OF QUANTITY


Job No 19

Name of Work : Construction of link road Sherru School to harizan basti G.P. Darat Bagla Km. 0/0 to 0/675 (Sub Head:- Construction of PCC retaining wall in 1:5:10 at Km. 0/0 to 0/030).

Estimate Cost: 2,87,367
Earnest Money: 5,700.00
Time Limit : Three Months

Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost.	26.03	Per cubic metre			
2	Providing and laying cement concrete 1:5:10(one cement: five sand:ten graded crushed / broken stone aggregate 40 mm (forty millimeters) nominal size) plums and curing complete including the cost of form work in Retaining walls Breast walls , in or under water complete including, pumping or bailing out water ,dewatering removal of slush as required at site which may arisen at the time of laying under water complete for all heights/depths including cost of form work as per drawings and MORD technical specifications section 800, 900,1200 & 1600 and as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals .	82.96	Per cubic metre			

Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
4	Back filling behind abutment wing wall and return wall complete as per Drawing and technical specifications clause 1204.3.8 Granular material complete within all leads, lifts carriage of material and other incidentals.	19.80	Per cubic metre			
3	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of 1 (v): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge.	24.00	Each			
Total						


 Executive Engineer
 B & R Division HP.PWD,
 Joginder Nagar

SCHEDULE OF QUANTITY

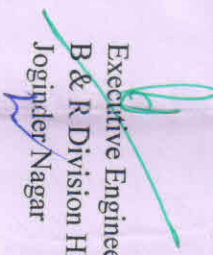
Name of Work : Construction of link road from Drubbal to Harizan Basti Basofi Ropru Km. 0/0 to 1/500.
(SH:- Construction of Breast/Protection Wall at km 0/476 to 0/491)

Job No 20

Sr. No.	Description of work	No. or Qty.	Unit	Estimate Cost:		AMOUNT Rs. P
				Figures	Rate Words	
1	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost.	15.72	Per cubic metre			
2	Excavation in soil in hilly area in all heights and depths and in all kind of soil by all means including saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil, setting out true to the required line, grades, width cutting and trimming of side slopes and level as shown on the drawing and as directed by the Engineer-in-Charge at site according to the M.O.R.D. technical specification section 1000 & 300 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of the road and transportation of useful material for filling in road ways, camber, embankments for grade improvements and disposal of all surplus material at approved dumping sites through all modes of transportation including head load or animals transport or mechanical means along with its leveling fine dressing and hauling /carriage of machineries, materials, tools equipments and safety measures. Any loss to the public / private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him at his own cost.	13.08	Per cubic metre			

Earnest Money: 3,13,000
Time Limit : 6,300
Three Months

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
3	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete Grade M-10 complete within all leads, lifts carriage of material and other incidentals.	22.56	Per cubic metre			
4	Providing and laying cement concrete 1:5:10(one cement: five sand:ten graded crushed / broken stone aggregate 40 mm (forty millimeters) nominal size) plums and curing complete including the cost of form work in Retaining walls Breast walls , in or under water complete including, puiiping or bailing out water ,dewatering removal of slush as required at site which may arisen at the time of laying under water complete for all heights/depths including cost of form work as per drawings and MORD technical specifications section 800, 900,1200 & 1600 and as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals .	28.20	Per cubic metre			
5	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of 1 (v): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge.	11.00	Each			
Total						


 Executive Engineer
 B & R Division HP.PWD,
 Joginder Nagar