



Office of  
**Executive Engineer B&R Division HP.PWD. Joginder Nagar**  
Himachal Pradesh Public Works Department, Mandi-175015  
Phone & Fax No. 01908-222033 E-Mail:- ee-jog-hp@nic.in

**"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 **05/01/2021 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 **03-01-2022 up to 10.00 A.M. to 12:30 P.M.** and tender form can be had from this office on **04-01-2022 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.

Sr. No.	Name of work	Amount put to tender/ Est. cost	Earnest money	Cost of Tender Form	Eligible Class of Contractor	Time
1	Construction of link road to village Kochhu Km. 0/0 to 1/0. (Sub Head:- Construction of Toe wall & wing wall downstream side for existing hume pipe culvert at Km. 0/090)	₹ 84,389/-	₹ 3,700/-	₹ 350/-	Class "D"	Three months
2	A/R & M/O Baijnath Padhar road Km. 0/0 to 85/0. (Sub Head:- Providing and fixing steel grating in Km. 12/593 to 12/718)	₹ 2,96,458/-	₹ 5,900/-	₹ 350/-	Class "D"	Three months
3	Restoration of rain damages on Lad Bharol Outpur Sandhapattan road Km. 0/0 to 10/0. (Sub Head:- Construction of breast wall at Km. 7/360 to 7/373)	₹ 94,198/-	₹ 1,900/-	₹ 350/-	Class "D"	Two months
4	Construction of link road from Upper Bhaila to lower Bhaila Km. 0/0 to 0/535. (Sub Head:- Construction of edge wall & steps at Km. 0/515 to 0/525)	₹ 1,47,385/-	₹ 2,900/-	₹ 350/-	Class "D"	Three months
5	Restoration of rain damages on Gagal to Bhagehar road Km. 0/0 to 7/0. (Sub Head:- Construction of retaining wall at Km. 1/780 to 1/790)	₹ 74,074/-	₹ 1,500/-	₹ 350/-	Class "D"	Two months
6	Construction of Drobri to Chhamb road. (Sub Head:- Providing and laying soling grade-I in Km. 0/250 to 1/0)	₹ 91,967/-	₹ 1,800/-	₹ 350/-	Class "D"	Two months
7	Construction of link road from village Fagla to Salandhar road Km. 0/0 to 2/0. (Sub Head:- Construction of PCC retaining wall at Km. 0/285 to 0/295).	₹ 53,870/-	₹ 1,100/-	₹ 350/-	Class "D"	Two months
8	Construction of link road from village Fagla to Salandhar road Km. 0/0 to 2/0. (Sub Head:- Construction of 600mm dia RCC hume pipe culvert at 0/835).	₹ 63,281/-	₹ 1,300/-	₹ 350/-	Class "D"	Two months
9	Construction of link road Bohal Langeshar Bhagher Km. 0/0 to 3/940. (Sub Head:- Widening of sharp curve at Km. 3/870 to 3/940).	₹ 97,446/-	₹ 1,900/-	₹ 350/-	Class "D"	Two months
10	Construction of link road from village Fagla to Salandhar road Km. 0/0 to 2/0. (Sub Head:- Construction of wire crate breast wall at Km. 1/602 to 1/612).	₹ 70,655/-	₹ 1,400/-	₹ 350/-	Class "D"	Two months
11	Special repair to Health Sub Centre Building Saproh Tehsil Lad Bharol Distt. Mandi (H.P). (Sub Head:- Construction of Toilet portion under deposit).	₹ 71,906/-	₹ 1,400/-	₹ 350/-	Class "D"	Two months



12	Construction of link road to Chakrahan. (Sub Head:- :- Providing and laying kharanja stone soling and cement concrete pavement in Km. 0/050 to 0/080 & Km. 0/240 to 0/292).	₹ 98,071/-	₹ 2,000/-	₹ 350/-	Class "D"	Two months
13	Construction of link road Jaghar Nallah to Thara. (Sub Head:- P/L G.S.B. in Km. 0/0 to 0/200).	₹ 69,060/-	₹ 1,400/-	₹ 350/-	Class "D"	Two months
14	Construction of link road to village Manola. (Sub Head:- P/L Kharanja stone soling and cement concrete pavement in Km. 0/0 to 0/067).	₹ 81,588/-	₹ 1,600/-	₹ 350/-	Class "D"	Two months

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

**Terms and conditions:-**

1. The contractor should produce a copy of enlistment / renewal letter at time of application.
2. Executive Engineer reserves the right to reject/cancel any or all the tenders without assigning any reasons.
3. The contractor/Firm shall have his registration and GST No, the copy of same be attached with the application.
4. 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.
5. No tender form will be issued to the contractor without producing the work done certificate from the Executive Engineer concerned.
6. 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.
7. 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.
8. 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

No. PW-JND-B&R-EA-I/NIT/Press/2021-22- 19548-88

Dated:- 24-12-2021

1. Copy to the F.C. Cum Principal Secretary (PW) to the Govt. of Himachal Pradesh Shimla-2 for favour of information please.
2. The Engineer-in-Chief, HPPWD, Shimla.
3. The Chief Engineer (MZ), HPPWD, Mandi.
4. The Superintending Engineer, Joginder Nagar Circle HPPWD, Joginder Nagar.
5. All the Assistant Engineer working under this Division.
6. Drawing Branch in this office.
7. Notice Board.
8. 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. 702

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**Schedule of Quantity**

Estimated Cost:- Rs. 184389.00  
 Earnest Money:- Rs. 3700.00  
 Time:- Three Months

Name of work:- Construction of Link road to Village Kacchu km 0/0 to 1/0  
 Sub Head:- Construction of toe wall & wing wall D/S side for existing hume pipe culvert at RD 0/090

Sr. No.	Description of Item	Qty	Rate		Unit	Amount
			In Figure	In words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	16.91			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.	8.75			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) curing complete within all leads, lifts carriage of material and other incidentals.	21.16			Per cubic metre	
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.	10.00			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.	5.68			Per cubic metre	
					Total	

Executive Engineer,  
 B & R Div.I, HP, PWD.,  
 Joginder Nagar.



# SCHEDULE OF QUANTITY

Name of Work : A/R & M/O Bajinath Padhar Road Km 0/00 to 85/00  
(S.H. : Providing and fixing steel Grating in 12/593 to 12/718)

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost: 2,96,458.00 Earnest Money: 5,900.00 Time Limit : Three Months		
				Figures	Rate Words	AMOUNT 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.	14.63	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.	7.30	Per cubic metre			
3	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position in beams joists channels, angles, tee, flats with connecting plates or angle cleats as in main and cross beams, hip and jack rafters, purlins connected to common rafters and the like work including cutting hoisting fixing in position & applying a priming coat of red lead paint complete including entire carriage of materials within all leads and lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	19.68	Per quintal			
Total						

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

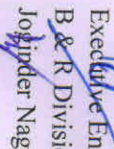


### SCHEDULE OF QUANTITY

**Name of Work : Restoration of Rain Damages on LadBharol Outpur Sandapattan Road Km 0/00 to 10/00**  
**(S.H. : Construction of Breast Wall at RD 7/360 to 7/373)**

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost:		
				Rate	Words	AMOUNT 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 in 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.	10.79	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.	19.50	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 <b>Retaining walls Breast walls</b> , 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 .	40.95	Per cubic metre			
4	Providing <b>weep holes</b> 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			
	<b>Total</b>					

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




# SCHEDULE OF QUANTITY

Name of Work : Construction of link road from upper Bhaila to Lower Bhaila km 0/00 to 0/535  
(SH: Construction of Edge wall & steps at RD 0/515 to 0/525)

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost: 1,47,385.00 Earnest Money: 2,900.00 Time Limit : Three Months		
				Figures	Rate . Words	AMOUNT 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 .	8.04	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 <b>Retaining walls Breast walls</b> , 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 .	23.78	Per cubic metre			

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Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
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.	6.00	Each			
4	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.	2.57	Per cubic metre			
	Total					

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



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**SCHEDULE OF QUANTITY**

**Name of Work : Restoration of Rain Damages on Gagal Bhagehar Km 0/00 to 7/00**  
**(S.H. : Construction of Retaining Wall at RD 1/780 to 1/790)**

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost:		
				Figures	Rate Words	AMOUNT 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 .	15.90	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 <b>Retaining walls Breast walls</b> , 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 .	31.54	Per cubic metre			
3	Providing <b>weep holes</b> 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 .	18.00	Each			

Estimate Cost: 74,074.00  
 Earnest Money: 1,500.00  
 Time Limit : Two Months

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 incidentials.	4.65	Per cubic metre			
	Total					

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



# SCHEDULE OF QUANTITY

Name of Work : Construction of Droabri to Chhamb road.  
(Sub Head:- Providing and laying Soling G-I at km 0/250 to 1/00 )

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost:		AMOUNT Rs. P
				Figures	Rate 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.	2205.00	Per square metre			
2	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and reolling the sub grade complete as per HPPWD Specifications complete within all leads, lifts, carriage of material and other incidentals charges.	2205.00	Per square metre			
3	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 interstics 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.	29.40	Per cubic metre			
Total						

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

**SCHEDULE OF QUANTITY**

**Name of Work : Construction of Link road from Village Fagla to Salandhar road km 0/00 to 2/00**  
**(S.H. : Construction of PCC Retaining Wall at RD 0/285 to 0/295 )**

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost: 53,870.00		
				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.	11.70	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 <b>Retaining walls Breast walls</b> , 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 .	23.10	Per cubic metre			
3	Providing <b>weep holes</b> 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			

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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.	3.75	Per cubic metre			
	<b>Total</b>					

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

# SCHEDULE OF QUANTITY


Name of Work : Construction of Link road from Village Fagla to Salandhar road km 0/00 to 2/00  
(S.H. : Construction of 600mm dia R.C.C. hume pipe culvert at RD 0/835)

Estimate Cost: 63,281.00  
Earnest Money: 1,300.00  
Time Limit : 12 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.	19.10	Per cubic metre			
2	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.	1.13	Per cubic metre			
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.	3.59	Per cubic metre			



Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
4	Providing and laying 600mm ( Six 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.	5.00	Per running 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 1:5:10 (one cement : five sand : ten graded stone aggregate 40mm (forty millimetre) nominal size) complete within all leads, lifts carriage of material and other incidentals.	18.92	Per cubic metre			
6	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.	10.00	Each			
7	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.	2.79	Per cubic metre			
	<b>Total</b>					

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

# SCHEDULE OF QUANTITY

Name of Work : Construction of link road Bohal Langeshar Bahgher Km 0/00 to 3/940  
(SH: widening of sharp curve at RD 3/870 to 3/940 )

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost:		AMOUNT Rs. P
				Figures	Rate Words	
1	Cutting in earth work in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper and blasting work both in soft and hard rock with chiseling wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out time to the required line, grades, side slopes trimming bottoms and level as shown in the drawing as per the direction of Engineer-In-Charge at site as per technical specification clause 1603.1, 1603.2 and sorting out useful/un-useful materials and stacking the same in all leads and lifts in acquired width of the road and transportation of un-useful materials for filling in road ways camber embankments for grades improvements and disposal of all un-useful materials to required width of the road or on approved dumping sites through all modes of transportation including head load or animal transport or mechanical means along with its leveling fine dressing and carriage of all labour machineries, materials, tools equipments and safety measures and incidentals necessary to complete the work by mechanized means and or labour if required all useful materials such as stones, shingles, aggregates, land slates shall be sorted out and stacked along road side. Any loss to the public/private property during the course of execution shall be absolute responsibility of the contractor which shall be duly compensated by him in all cases.	1008.25	Per cubic metre			
2	Less credit for excavated rock found suitable for use, the recovery of useful rock shall be done on pro-rata basis in each running bill for item No,1	60.50	Per cubic metre	300.00	Rupees Three Hundred Only	-18,150.00
	<b>Total</b>					

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




# SCHEDULE OF QUANTITY

Name of Work : Construction of Link road from Village Fagla to Salandhar road km 0/00 to 2/00  
(S.H. : Construction of Wire Crate Breast wall at RD 1/602 to 1/612 )

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost:		
				Figures	Rate Words	AMOUNT 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.	19.35	Per Cubic metre			70,655.00
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 .	5.00	Per cubic metre			1,400.00

Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
3	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.	46.88	Per Cubic metre			
	<b>Total</b>					

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



# SCHEDULE OF QUANTITY

Name of Work : Special Repair to Health Sub Centre Building Saproh Tehsil Lad Bharol Distt. Mandi  
(SH : Construction of Toilet Portion undert Deposit)

Estimate Cost: 71,906.00  
Earnest Money: Rs. 1,400.00  
Time Limit : 12 Months

Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Excavation in foundation, trenches etcetera in earth work involving all classification of soil such as pick work, pick jumper work, blasting work, soft or hard rocks including chiseling/wedging out of rocks where blasting work is prohibited or any other mixed variety of intermediate soil, dewatering and removal of slush if arisen during course of construction and lifts upto all heights including stacking the excavated soil not more than three meters clear from the edge of the excavation and then returning the stacked soil in 15 cm (fifteen centimeters) thick layers when required into plinths, sides of foundation etcetera consolidating each deposited layer by ramming and watering and then disposing of all surplus excavation earth within all leads, lifts by any mode of transportation and other incidental, as per the direction and entire satisfaction of Engineer-In-Charge. Any loss to the private and public property during course of construction shall be absolute responsibility of the contractor.	10.00	Per cubic metre			
2	Providing and laying cement concrete 1:4:8 (One cement isto four sand isto eight aggregate) graded crushed/broken stone aggregate 40mm (fourty millimeter) nominal size mechanically mixed and curing complete, excluding cost of form work in foundation and plinth. 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.	0.75	Per cubic metre			
3	Square rubble masonry coursed with hard stone of approved quality in foundation and plinth including racking out joints in cement mortar 1:4 (one cement isto four sand) and curing complete including carriage of materials within all leads and lifts complete in all respect as per the direction of Engineer-in-Charge.	5.48	Per cubic metre			
4	Providing from work of ordinary timber plankings so as to give a rough finish including centring, shuttering, strutting and propping etc. height of propping and centring below supporting floor to ceiling not exceeding 4 metres and removal of the same for insitu reinforced concrete and plain concrete work in Vertical surfaces such as walls (any thickness) partitions and the like including attached pilasters, buttresses, plinth and string courses and the like. 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.	2.04	Per square metre			
5	Providing and laying cement concrete work 1:2:4 (one Cement isto two Sand isto four graded stone aggregate twenty millimeter nominal size) and curing complete excluding cost of form work and reinforcement for reinforced concrete work in Suspended Floor roofs, landing and shelves and their support balconies, beams, girders, bressumers and cantilever upto floor two level as per PWD specification including curring and carriage of material within all leads and lifts complete in all respect as per direction of Engineer in Charge.	0.50	Per cubic metre			



Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
6	Providing mild steel/Tor steel reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level as per drawing and technical specification as per the direction of Engineer-In-Charge including carriage of material within all leads and lifts and other incidentals.	45.00	Per Kilogram			
7	15mm (fifteen millimeter) cement plaster in single coat on the fair side in cement mortar 1:3 (one Cement isto three Sand), of brick/concrete/stone walls for interior plastering upto floor two level including arisies, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth, including curing and carriage of material within all leads and lifts complete in all respect as per direction of Engineer in Charge.	10.73	Per square metre			
8	Boulder filling of selected hard dry stone hand packed tightly under floor as per the direction of Engineer-In-Charge including carriage of materials within all leads and lifts complete in all respect.	0.86	Per cubic metre			
9	Providing and laying cement concrete 1:6:12 (One cement isto six sand isto twelve aggregate) graded crushed/broken stone aggregate 40mm (forty millimeter) nominal size mechanically mixed and curing complete, excluding cost of form work in foundation and plinth. 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.	0.57	Per cubic metre			
10	White glazed tiles 6 mm (six millimeter) thick in flooring, treads of steps and landing laid on a bed of 12 mm (Twelve millimeter) thick cement mortar 1:3(one cement isto three sand) finished with flush pointing in white cement. 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.	5.74	Per square metre			
11	White glazed tiles 6 mm (six millimeter) thick in skirting risers of steps and dado 12 mm (twelve millimeter) thick cement mortar 1:3 (one cement isto three sand) and jointed with cement slurry. 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.	13.42	Per square metre			
12	Providing woodwork in 2nd class deodar wood in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position complete as per PWD specification drawing and design. 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.	0.0261	Per Cubic metre			
13	Providing and fixing 40 mm (Forty millimetre) thick panelled glazed or panelled and glazed shutter second class Deodar wood for doors, windows and clear story windows including bright finished black enamelled iron hinges with necessary screws as per PWD specification. 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.	1.35	Per Square Metre			
14	Providing and fixing 250x16mm (two hundred fifty by sixteen millimeter ) Size anodized aluminium sliding door bolt anodized colour and shade with bolts and nuts screws etc. 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.	1.00	Each			
15	Providing and fixing anodized aluminum tower bolts (barrel type) anodized transparent or dyed to required shade and colour with screws etcetra complete 250x10mm (Two hundred fifty into ten millimeter) size. 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.	2.00	Each			



Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
16	Providing and fixing anodized aluminum handle anodized transparent or dyed to required shade or colour with necessary screws etcetera complete. 100mm (one hundred millimeter) size. 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.	2.00	Each			
17	White washing with lime on undecorated wall surfaces two coats to give an even shade including thoroughly brooming the surface to remove all dirt dust mortar dirt and other foreign matter on ceiling and/or sloping roofs. 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	5.74	Per Square Metre			
18	Disempering (two coats) with synthetic washable disemper of Asian/ Nerolac brand and manufacture and of required shade on undecorated wall surfaces to give an even shade over and including and priming coat with disemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and sand papered smooth as per PWD specification. 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.	10.67	Per square metre			
19	Providing and laying 15mm Fifteen millimeters nominal bore/diameters to galvanized mild steel tubes (medium grade) in trenches including all tube fittings such as nipples, elbows, unions, tees and clamps (earth work trenches paid for separately) including within, all leads, lifts of materials and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	11.00	Per running metre			
20	Providing and laying 20 mm twenty millimeters nominal bore/diameters to galvanized mild steel tubes (medium grade) in trenches including all tube fittings such as nipples, elbows, unions, tees and clamps (earth work trenches paid for separately) including within all leads, lifts of materials and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	10.00	Per running metre			
21	Making connection of galvanised steel distribution branch with galvanised mild steel main 20mm to 40mm nominal bore by providing and fixing tee including cutting and threading the pipes complete including within all leads, lifts of materials and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	1.00	Each			
22	Providing and placing water tank of makes (Sintex) having capacity 1000 ( one thousand ) litres each with necessary fitting including over flow pipes scour pipe and ball valve and with cover locking arrangement including providing pads of sizes as required for inlet and outlet and inside painting of good quality all complete including entire carriage of materials within all leads and lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	1.00	Each			
23	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete including within all leads, lifts of materials and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	17.50	Per running metre			
24	Providing and fixing PVC door bend with oval access door, insertion rubber washer 3 mm (Three millimeter) thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete including within all leads, lifts of materials and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	1.00	Each			

Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
35	Providing and fixing 15mm (fifteen millimetre) nominal bore P.V.C 300/450mm (Three hundred / four hundred fifty millimeter) length connection with brass unions including entire carriage of materials within all leads and lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	2.00	Each			
36	Providing and fixing 15mm (fifteen millimetre) C.P. Brass full way valve with wheel including entire carriage of materials within all leads and lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	2.00	Each			
37	Providing and fixing 600mm x 20mm (Six hundred by twenty millimeter) C.P. Brass Towel rail complete with C.P. Brass brackets fixed to wooden plugs with C.P. Brass screws including entire carriage of materials within all leads and lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	1.00	Each			
Total						

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



# SCHEDULE OF QUANTITY

Name of Work : Construction of link road to Chakrahan  
(S.H. : Providing and laying Kharanja Soling & CC Pavement at RD 0/050 to 0/080 and 0/240 to 0/292 )

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost:		AMOUNT Rs. P
				Figures	Rate Words	
1	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.	35.52	Per Cubic metre			
2	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.	23.68	Per Cubic metre			
Total						


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

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# 13 SCHEDULE OF QUANTITY

Name of Work : Construction of Link road Jaghar Nallah To Thara Km 0/00 to 0/500  
(S.H. : Providing and laying G.S.B. in km 0/00 to 0/200 )

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost:		
				Figures	Rate	AMOUNT
				Words		Rs. P
1	Construction of granular sub-base by providing well graded material, spreading in uniform layers with Tractor mount grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401 complete within all leads, lifts, carriage of material and other incidentals charges.	83.75	Per cubic metre			
Total						

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

Earnest Money: 69,060.00  
Time Limit : 1,400.00  
Three Months



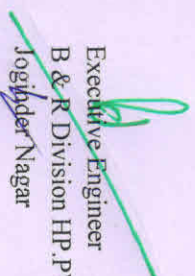
**SCHEDULE OF QUANTITY**

(14)

**Name of Work : Construction of Link road to village Manola**  
**(S.H. : Providing and laying Kharanja Soling & CC Pavement at RD 0/00 to 0/067)**

**Estimate Cost:** 81,588.00  
**Earnest Money:** 1,600.00  
**Time Limit :** ~~Three~~ <sup>Two</sup> Month

Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	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.	29.55	Per Cubic metre			
2	Construction of un-reinforced cement concrete pavement as per design and drawing with expansion 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.	19.70	Per Cubic metre			
<b>Total</b>						

  
**Executive Engineer**  
**B & R Division HP.PWD,**  
**Joginder Naggar**