



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 **21/12/2021 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 **18/12/2021 up to 10.00 A.M. to 12:30 P.M.** and tender form can be had from this office on **20/12/2021 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 Dul to Shiv Mandir km 0/00 to 2/00 in G P Galu (Sub Head: Providing and Laying Kharanja Soling & CC Pavement at RD 0/043 to 0/093)	₹ 1,64,045/-	₹ 3,300/-	₹ 350/-	Class "D"	Three months
2	Construction of Link road to village Chhoti Bag (Sub Head: Providing and Laying Kharanja Soling in km 0/171 to 0/251)	₹ 73,843/-	₹ 1,500/-	₹ 350/-	Class "D"	Three months
3	Construction of Link road to village Patta (Sub Head: Providing and Laying Kharanja Soling in km 0/135 to /215)	₹ 2,32,931/-	₹ 4,700/-	₹ 350/-	Class "D"	Three months
4	Construction of Link road to house of Saheed Tota Ram House (Sub Head: Providing and Laying Kharanja Soling in km 0/00 to 0/090)	₹ 2,52,722/-	₹ 5,100/-	₹ 350/-	Class "D"	Three months
5	Construction of Link road to house of Saheed Vikas Bhardwaj in GP Matehar (Sub Head: Providing and Laying Cement Concrete Pavement in km 0/00 to 0/055)	₹ 1,55,785/-	₹ 3,100 /-	₹ 350/-	Class "D"	Three months
6	Construction of Link road to Village Kardran in GP Khuddi (Sub Head: Providing and Laying Kharanja Stone Soling in km 0/00 to 0/090)	₹ 84,114/-	₹ 1,700/-	₹ 350/-	Class "D"	Three months
7	Construction of Link road to Harizan Basti Tardiyar in GP Ropari (Sub Head: Providing and Laying Kharanja Stone Soling & Cement Concrete Pavement in km 0/214 to 0/276 )	₹ 1,72,357/-	₹ 3,400/-	₹ 350/-	Class "D"	Three months
8	Construction of Link road to Bag School in GP Bag (Sub Head: Providing and Laying Kharanja Stone Soling & Cement Concrete Pavement in km 0/039 to 0/103 )	₹ 1,76,340/-	₹ 3,500/-	₹ 350/-	Class "D"	Three months
9	Construction of Link road to Village Dhardera (Sub Head: Providing and Laying Kharanja Stone Soling & Cement Concrete Pavement in km 0/00 to 0/062 )	₹ 1,76,155/-	₹ 3,500/-	₹ 350/-	Class "D"	Three month
10	Construction of Link road to Village khor in GP Tullah (Sub Head: Providing and Laying Kharanja Stone Soling & Cement Concrete Pavement in km 0/030 to 0/119 )	₹ 2,62,082/-	₹ 5,200/-	₹ 350/-	Class "D"	Three months
11	Construction of Link road to Village Dhankehar (Sub Head: Providing and Laying Kharanja Stone Soling & Cement Concrete Pavement in km 0/00 to 0/059 )	₹ 1,74,122/-	₹ 3,500/-	₹ 350/-	Class "D"	Three months



12	Construction of Link Road to village Sangehar in GP Ropari (Sub Head: Construction of 900mm dia Hume Pipe Culvert at RD 0/315 )	₹ 2,45,795/-	₹ 4,900/-	₹ 350/-	Class "D"	Three months
13	Construction of Link Road to village Ropa in GP Ropari (Sub Head: Construction of 600mm dia Hume Pipe Culvert at RD 0/035 )	₹ 3,54,832/-	₹ 7,100/-	₹ 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:-**

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. 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.
6. 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- 17783-90 Dated:- 30-11-2021


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.

# **SCHEDULE OF QUANTITY**

**Name of work : Construction of Link road Dul to Shiv Mandir km 0/00 to 2/00 in GP Galu**  
**(SH: P/L Khanajna Soling & CC Pavement at RD 0/043 to 0/0/93)**

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost: 1,64,045.00		
				Earnest Money: 3,300.00		
				Time Limit : Three Months		
				Figures	Rate Words	AMOUNT Rs. P
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.	15.50	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.	18.75	Per Cubic metre			
<b>Total</b>						


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



# ② **SCHEDULE OF QUANTITY**

**Name of Work-Construction of Link road to village Chhoti Bag**  
**(SH: Providing and Laying Kharanja Soling in km 0/171 to 0/251)**


(SH: Providing and Laying Kharanja Soling in km 0/171 to 0/251)						
Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost: 73,843		Three Mon
				Figures	Rate	
				Earnest Money: 1,500	Time Limit :	
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.	34.65	Per Cubic metre			
Total						

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

# **SCHEDULE OF QUANTITY**

**Name of Work-Construction of Link road to village Patta**  
**(SH: Providing and Laying Kharanja Soling in km 0/135 to /215)**

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost:		
				Figures	Rate Words	AMOUNT Rs. P
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.	33.00	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.	22.00	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 to house of Sahed Tota Ram House**  
**(SH: Providing and Laying Kharanja Soling in km 0/00 to 0/090)**

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost:		
				Figures	Rate Words	AMOUNT Rs. P
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.	37.13	Per Cubic metre			
2	Construction of un-reinforced cement 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.	24.75	Per Cubic metre			
<b>Total</b>						

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

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# **SCHEDULE OF QUANTITY**

**Name of Work-Construction of Link road to house of Saheed Vikas Bhardwaj in GP Matchar**  
**(SH: Providing and Laying Cement Concrete Pavement in km 0/00 to 0/055)**

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost: 1,55,785		
				Earnest Money: 3,100		
				Time Limit :		Three Months
				Figures	Rate Words	
1	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.	22.69	Per Cubic metre			
<b>Total</b>						


  
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# **SCHEDULE OF QUANTITY**

**Name of Work-Construction of Link road to Village Kardran in GP Khuddi**  
**(SH: Providing and Laying Kharanja Stone Soling in km 0/00 to 0/090)**

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost: 84,114. Earnest Money: 1,700. Time Limit : Three Months		
				Rate	AMOUNT	
				Figures	Words	Rs. P
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.	37.13	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 to Harizan Basti Tardiya in GP Ropari**  
**(SH: Providing and Laying Kharanja Stone Soling & Cement Concrete Pavement in km 0/214 to 0/276 )**

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost:		
				Figures	Rate Words	AMOUNT Rs. P
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.	25.58	Per Cubic metre			
2	Construction of un-reinforced cement 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.	17.05	Per Cubic metre			
<b>Total</b>						

  
Executive Engineer  
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Joginder Nagar

# SCHEDULE OF QUANTITY

Name of Work-Construction of Link road to Bag School in GP Bag  
(SH: Providing and Laying Kharanja Stone Soling & Cement Concrete Pavement in km 0/039 to 0/103 )

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost:		
				Figures	Rate	AMOUNT
					Words	Rs. P
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.	26.40	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.	17.60	Per Cubic metre			
Total						

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*[Initials]*




**SCHEDULE OF QUANTITY**

**Name of Work-Construction of Link road to Village Dhardera**

**(SH: Providing and Laying Kharanja Stone Soling & Cement Concrete Pavement in km 0/00 to 0/062 )**

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost:		
				Rate	Time Limit :	AMOUNT
				Figures	Words	Rs. P
1	Stone soling properly handpacked filling intersices 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.	25.58	Per Cubic metre			
2	Construction of un-reinforced cement 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.	17.05	Per Cubic metre			
<b>Total</b>						


  
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**SCHEDULE OF QUANTITY**

**Name of Work-Construction of Link road to Village khori in GP Tullah**  
**(SH: Providing and Laying Kharanja Stone Soling & Cement Concrete Pavement in km 0/030 to 0/119 )**

**Estimate Cost: 2,62,082.**  
**Earnest Money: 5,200.**  
**Time Limit : Three Months**

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.	36.71	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.	24.48	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 to Village Dhankehar**  
**(SH: Providing and Laying Kharanja Stone Soling & Cement Concrete Pavement in km 0/00 to 0/059 )**

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost:		
				Figures	Rate Words	AMOUNT Rs. P
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.	24.34	Per Cubic metre			
2	Construction of un-reinforced cement 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.	16.23	Per Cubic metre			
<b>Total</b>						

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

# **SCHEDULE OF QUANTITY**


**Name of Work : Construction of Link Road to village Sangehar in GP Ropari**  
**(Sub Head:- Construction of 900mm dia Hume Pipe Culvert at RD 0/315)**

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost: 2,45,795.00		
				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 .	61.44	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.	3.35	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.	10.54	Per cubic metre			

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Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
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.	16.10	Per cubic metre			
5	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			
6	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.	10.96	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	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.	12.00	Each			
	<b>Total</b>					

  
 Executive Engineer  
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 Joginder Nagar




# **SCHEDULE OF QUANTITY**

**Name of Work : Construction of Link Road to village Ropa in GP Ropari**  
**(Sub Head:- Construction of 600mm dia hume pipe cause way at RD 0/035 )**

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost: 3,54,832.00		
				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.	38.54	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.	20.21	Per cubic metre			
3	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.	35.00	Per running metre			



Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
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 1:2:4 (one cement : two sand : four graded/crushed stone aggregate 40mm (forty millimetre) nominal size) curing complete within all leads, lifts carriage of material and other incidentals.	12.94	Per cubic metre			
Total						

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