



**"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 **29/01/2022 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 **27/01/2022 up to 10.00 A.M. to 12:30 P.M.** and tender form can be had from this office on **28/01/2022 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 Samoun Jarehar Langna Km. 0/0 to 2/0. (Sub Head:- Construction of breast wall at Km. 0/630 to 0/640)	₹ 1,95,399/-	₹ 3,900/-	₹ 350/-	Class "D"	Three months
2	A/R & M/O Gang Hut Neri under HPPWD sub division Lad Bharol. (Sub Head:- Providing and laying cement concrete 1:4:8 and interlocking paver block in courtyard of gang Hut Neri)	₹ 2,38,938/-	₹ 4,800/-	₹ 350/-	Class "D"	Three months
3	Construction of link road to Biru. (Sub Head:- Construction of CD work at Km. 0/250, Edge wall, soling, CC pavement in Km. 0/0 to 0/045)	₹ 4,96,861/-	₹ 9,900/-	₹ 350/-	Class "D"	Three months
4	A/R & M/O various bridges under Lad Bharol Sub Division, HPPWD Lad Bharol. (Sub Head:- Dismantling of old damaged steel decking, providing & fixing steel decking and painting of of foot bridge between Kalehru and Basalan village)	₹ 4,02,179/-	₹ 8,000/-	₹ 350/-	Class "D"	Three months
5	Construction of link road Golwan to Karsal Km. 0/0 to 10/0. (Sub Head:- Providing and laying U-shape drain, steel grating and construction of RCC hume culvert)	₹ 3,49,309/-	₹ 7,000/-	₹ 350/-	Class "D"	Three months
6	Improvement of black spot on Baijnath Lad Bharol Kandapattan road Km. 26/00 to 36/00. (Sub Head :- Construction of retaining wall at Km. 31/344 to 31/360)	₹ 2,76,164/-	₹ 5,500/-	₹ 350/-	Class "D"	Three months
7	Construction of link road from Bharan to kellu. (Sub Head :- Construction of wire crate at Km. 0/030 to 0/060 and retaining wall at Km. 0/0 to 0/007 RHS of Nallah)	₹ 2,76,164/-	₹ 5,600/-	₹ 350/-	Class "D"	Three months
8	Construction of link road to village Ropa in GP Ropari. (Sub Head:- Construction of 600 mm dia RCC hume pipe culvert at Km. 0/035).	₹ 3,54,453/-	₹ 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:-**

- 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

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

20747-54

Dated:- 10-1-2022

- 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


Name of Work : Construction of Link road to Village Samoun Jarehar Langna Km 0/00 to 2/00

(SH: Construction of Breast wall at km 0/630 to 0/640 )

Estimate Cost: 1,95,399.00  
Earnest Money: 3,900.00  
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.	5.50	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 .	13.80	Per cubic metre			

Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
			Figures	Words	
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 .	34.10	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			
<b>Total</b>					

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



# SCHEDULE OF QUANTITY

(2)

Name of Work : A/R & M/O Gang Hut Neri Under HPPWD Sub Division Lad Bharol

(S.H. : Providing and Laying Cement concrete 1:4:8 and Interlocking paver block in Courtyard of Gang Hut Neri)

Estimate Cost: 2,38,93  
Earnest Money: 4,80  
Time Limit : Three Mo

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.	27.00.	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 25mm (twenty five 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.	27.00	Per cubic metre			
3	Providing and laying heavy duty precast cement concrete inter locking paver blocks 60mm (sixty millimeter) thick vibro compacted upto M50 grade i/c border or kurb block grey or coloured over sub-base of concrete with 25mm (twenty five millimeter) thick average thickness of cement mortar 1:4 (one cement isto four sand) laid over and jointed with neat cement slurry mixed with pigment to match the shade of blocks i/c curing rubbing & polishing complete (Sub base concrete floor to be paid for. 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.	180.00	Per Square metre			
Total						

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



# SCHEDULE OF QUANTITY


Name of Work : Construction of Link road to Biru

(Sub Head:- Construction of CD work at km 0/250, Edge wall, Soling, CC Pavement in km 0/00 to 0/045)

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost: 4,96,861.00 Earnest Money: 9,900.00 Time Limit : Three Months		
				Figures	Rate Words	AMOUNT Rs. P
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 states 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.	99.00	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.	55.42	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.	39.44	Per cubic metre			



Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
4	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			
5	Construction of embankment with approved material obtained from borrow pits with a lift 1.5mts transporting to site, spreading, grading to required slope and compacting to meet requirement of table 300.1 and 300.2 with a lead upto 1000m.as per Technical Specification Clause 301.5 including carriage of material and other incidentals.	119.25	Per cubic metre			
6	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.	15.00	Per Cubic metre			
7	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.	15.00	Per Cubic 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.	15.00	Each			
<b>Total</b>						

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

(4)

## Schedule of Quantity

Estimated Cost:-

402179.00

Earnest Money:-

8000.00

Time:-

Three Month

Name of work:- A/R &amp; M/O various bridges under Lad Bharol Sub Division HP.PWD. Lad Bharol

Sub Head:-Dismantalling of old damaged steel decking, Providing &amp; fixing steel decking &amp; painting of foot bridge between Kalehru and Basalan village.)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Dismantalling steel work in built up sections in angles tees, plates and channels including all gusset plates and nuts, cutting rivets, welding etc. including carriage of materials within all leads and lifts complete in all respect.	2945.16			Per kilogramme	
2	Steel work welded in built up sections/framed work including cutting hoisting and fixing in position and applying a priming coat of approved steel primer using structural steel ect. as per required in stringers, treads, landing etc. of stair cases, including use of chequered plate wherever required, including carriage of materials within all leads and lifts complete in all respect.	3926.88			Per kilogramme	
3	Painting one coats (excluding priming coat) on previously painted steel and other metal surfaces, with enamel paint other than white (specification paint) to give an even shade including cleaning the surface of all dirt, dust and other foreign matter, sand papering and stopping including carriage of materials within all leads and lifts complete in all respect.	165.54			Per square Metre	
					Total:	

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



**SCHEDULE OF QUANTITY**

(5)

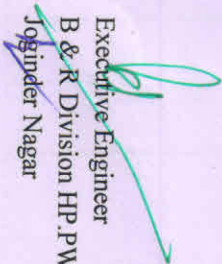
**Name of Work : Construction of Link road Golwan to Karsal km 0/00 to 10/00**  
**(Sub Head:- Providing and laying U-Shape Drain , Steel Grating and construction of RCC Hume pipe Culvert )**

**Estimate Cost: 3,49,309.00**  
**Earnest Money: 7,000.00**  
**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 .	31.55	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 1:5:10 (one cement : five sand : ten graded stone aggregate 40mm (forty millimetre) nominal size) complete within all leads, lifts carriage of material and other incidentals.	11.34	Per cubic metre			
3	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			



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 Grade M-10 complete within all leads, lifts carriage of material and other incidentals.	12.41	Per cubic metre			
5	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing In gratings framed guard bars, ladders, railing, brackets and similar 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.	800.00	Per Kilogramme			
6	Providing and laying 300mm (Three 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. (Labour Rate)	30.00	Per running metre			
Total						

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

# **SCHEDULE OF QUANTITY**

**Name of Work : Improvement of Balck Spot on Baijnath Lad Bharol Kandapatan Road km 26/00 to 36/00**  
**(SH: Construction of Retaining wall at km 31/344 to 31/360 )**


**Estimate Cost: 2,76,164.00**  
**Earnest Money: 5,500.00**  
**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.	18.32	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 .	49.45	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 .	35.00	Each			

6



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

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

**DNIT/DRAFT SCHEDULE OF QUANTITY**

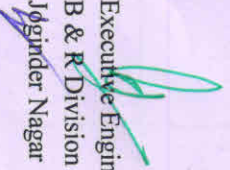
**Name of Work : Construction of link road from Bharan to Kella**  
**(S.H. : Construction of Wire Crate at km 0/030 to 0/060 & Retaining wall at km 0/00 to 0/007 RHS of Nallah )**

**Estimate Cost: 2,78,636.00**  
**Earnest Money: 5,600.00**  
**Time Limit : Three Months**

Sr. No	Description of work	No. or Qty.	Unit	Figures	Rate	AMOUNT Rs. P
				Words	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.	17.70	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 .	16.52	Per cubic metre			



Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
3	Providing <b>weep holes</b> in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimetre) 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 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 weighting 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			
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.	8.75	Per cubic metre			
6	Filling earth in foundation trenches as per drawing and technical specifications clause 305.3.9 complete within all leads, lifts carriage of material and other incidentals.	37.50	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 Ropa in GP Ropari  
(Sub Head:- Construction of 600mm dia hume pipe cause way at RD 0/035 )

Estimate Cost: 3,54,453.00  
Earnest Money: 7,100.00  
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 .	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			



	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,  
 Jodhpur Nagar