



Office of

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

Himachal Pradesh Public Works Department, Mandi-175015

Phone &amp; 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 **16/12/2021 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 **14/12/2021 up to 10.00 A.M. to 12:30 P.M.** and tender form can be had from this office on **15/12/2021 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 Mukhya Mantri Lok Bhawan at Chauntra Tehsil Joginder Nagar Distt. Mandi (H.P). (Sub Head:- Providing left out wood work in doors and windows).	₹ 1,50,348/-	₹ 3,000/-	₹ 350/-	Class "D"	Three months
2	Improvement of black spot on Bajinath Lad Bharol Kandapattan road Km. 0/0 to 46/0. (Sub Head:- Construction of Retaining wall and "W" metal beam crash barrier at Km. 18/775 to 18/790)	₹ 3,97,681/-	₹ 8,000/-	₹ 350/-	Class "D"	Three months
3	C/O Pucca road from JNSG road Khuddar to GSSS Khuddar under BASP. (Sub Head:- P/L Kharanja stone soling from Km. 0/0 to 0/025 & cement concrete Pavement from RD 0/0 to 0/063).	₹ 67,503/-	₹ 1,400/-	₹ 350/-	Class "D"	Three months
4	Construction of Harabag to Shanan road i/c M/T & CD work Km. 0/0 to 2/0. (Sub Head:- Extension of 900 mm dia hume pipe culvert along with wing wall at Km. 0/340)	₹ 62,076/-	₹ 1,200/-	₹ 350/-	Class "D"	Three months
5	Construction of link road from Chanehar to Samoun via Kufroo Km. 0/0 to 2/345. (Sub Head:- Providing and laying Soling grade-I and cement concrete pavement in Km. 1/840 to 1/878).	₹ 95,591/-	₹ 1,900/-	₹ 350/-	Class "D"	Three months
6	Construction of link road from Langha to Lower Mandhota Km. 0/0 to 1/500. (Sub Head:- Construction of 900mm dia hume pipe culvert along with both side wing wall at Km. 0/200)	₹ 96,778/-	₹ 1,900/-	₹ 350/-	Class "D"	Three months
7	Construction of various NABARD works under Joginder Nagar Division. (Sub Head:- Purchase of computer with UPS in Joginder Nagar Division (Drawing branch) against contingency of NABARD works).	₹ 70,900/-	₹ 1,400/-	₹ 350/-	Class "D"	Three months
8	Restoration of rain damages on Upper BHadyara to Lower Bhadyara Km. 0/0 to 2/650. (Sub Head:- Construction of breast wall at Km. 1/538 to 1/563)	₹ 45,820/-	₹ 6,900/-	₹ 350/-	Class "D"	Three months



9	Improvement and widening of Joginder Nagar Sarkaghat Ghumarwin road Km. 21/500 to 34/300. (Sub Head:- Construction of wire crate breast wall at Km. 25/510 to 25/542.50).	₹ 4,92,948/-	₹ 9,900/-	₹ 350/-	Class "D"	Three month
10	Improvement of black spot on Baijnath Lad Bharol Kandapattan road Km. 0/0 to 36/0. (Sub Head:- Improvement of sharp/narrow curves at Km. 32/838 to 33/020)	₹ 3,22,208/-	₹ 6,400/-	₹ 350/-	Class "D"	Three months
11	A/R & M/O Joginder Nagar Sarkaghat Ghumarwin road Km. 0/0 to 7/200 under CRF deposit. (Sub Head:- Construction of breast wall at Km. 4/832 to 4/843).	₹ 89,239/-	₹ 2,000/-	₹ 350/-	Class "D"	Three months
12	A/R & M/O various residential buildings of PWD under Joginder Nagar division HPPWD Joginder Nagar. (Sub Head:- Binding of office record file with card board on both side of file (C-Branch record).	₹ 99,840/-	₹ 2,000/-	₹ 350/-	Class "D"	One month
13	Extension of Zim-Zima road Km. 0/0 to 3/0. (Sub Head:- Formation cutting in Km. 1/760 to 1/863).	₹ 98,728/-	₹ 1,400/-	₹ 350/-	Class "D"	Three months
14	Restoration of rain damages on Ahju Basahi road Km. 0/0 to 19/200. (Sub Head:- Widening of road by formation cutting from Km. 2/910 to 3/090)	₹ 96,567/-	₹ 1,900/-	₹ 350/-	Class "D"	Three months
15	Construction of link road from Drubbal to Kunkar Nagan Km. 0/0 to 2/700. (Sub Head:- Construction of 900mm dia hume pipe culvert along with both side wing wall at Km. 1/510).	₹ 96,532/-	₹ 1,900/-	₹ 350/-	Class "D"	Three months
16	Construction of link road from Raja to Bharola Nagan Km. 0/0 to 4/500. (Sub Head:- P/L soling grade-I, wearing Grade-II & premix carpet with seal coat in Km. 1/405 to 1/905).	₹ 4,65,249/-	₹ 9,300/-	₹ 350/-	Class "D"	Three months
17	Restoration of rain damages on Gaduhi Bhoura road Km. 0/0 to 1/195. (Sub Head:- Construction of wire crate breast wall at Km. 0/330 to 0/350 for protection of existing house).	₹ 2,02,821/-	₹ 4,100/-	₹ 350/-	All classes deal with bituminous work	Three months
18	Restoration of rain damages on Joginder Nagar Sarkaghat Ghumarwin road Km. 0/0 to 34/300. (Sub Head:- Construction of PCC breast wall at Km. 5/180 to 5/194).	₹ 96,241/-	₹ 1,900/-	₹ 350/-	Class "D"	Three months
19	Construction of Dead House in Govt. Civil Hospital Joginder Nagar complex RD 0/0 to 0/105. (Sub Head:- Providing and laying interlocking paver block at RD. 0/0 to 0/039).	₹ 2,91,581/-	₹ 5,800/-	₹ 350/-	Class "D"	Three months
20	A/R & M/O various Non Residential Building under Sub Division No.II HPPWD Joginder Nagar. (Sub Head:- Providing and fixing Prepainted sheet roofing)	₹ 2,30,195/-	₹ 4,600/-	₹ 350/-	Class "D"	Three months
21	A/R & M/O various Non Residential Building under Sub Division No.II HPPWD Joginder Nagar. (Sub Head:- Providing and laying cement concrete paver block)	₹ 97,085/-	₹ 1,900/-	₹ 350/-	Class "D"	Three months
22	Construction of Ambulance road from Jalpa link to Upper Bagla Muhal Km. 0/0 to 1/0.. (Sub Head:- Providing and laying Kharanja soling at RD 0/0 to 0/350)	₹ 73,779/-	₹ 1,500/-	₹ 350/-	Class "D"	Three months
23	M/T on link road to Harizan Basti Banog in G.P. Nauhli Km. 0/0 to 2/0. (Sub Head:- Construction of breast wall at Km. 1/247 to 1/266).	₹ 99,674/-	₹ 2,000/-	₹ 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. 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/2021-22-17374-81.

Dated:- 20-11-2021

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 Mukhya Mantri Lok Bhawan at Chauntra Tehsil Joginder Nagar Distt. Mandi (HP)  
(SH: Providing wood work in door & windows )

Estimate Cost: 1,50,348.00  
Earnest Money: 3,000.00  
Time Limit : Three Months

Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Providing woodwork in frames of doors, windows, clerestory, windows and other frames wrought, framed in Sal wood and fixed in position including entire carriage of materials within all leads and lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	1.57	Per cubic metre			
Total						


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



## (2) SCHEDULE OF QUANTITY

Name of Work : Improvement of Black Spot on BNLBKP Road km 0/00 to 46/00 (SH: Construction of R/wall & "W" metal beam crash barrier at RD 18/775 to 18/790 )					Estimate Cost: 3,97,681.00 Earnest Money: 8,000.00 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.	32.85	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 .	62.55	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 .	20.00	Each			

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.	8.93	Per cubic metre			
5	Providing and erecting a "W" Metal Beam Crash Barrier comprising of 3mm (three millimetre) thick corrugated sheet metal beam guard rail 70cm (seventy centimetre). Above road/ ground level fixed on ISMC series channel vertical posts 150x75x5mm thick (one hundred fifty X seventy five X five millimetre) spaced 2.00 (two point zero) metre centre to centre 1.80 metre (one point eight zero) high 1.10 metre (one point one zero) below ground/ road level all steel parts and fittings to be galvanised by hot deep process, all fittings to confirm to IS: 1364, metal beam guard rail to be fixed on the vertical posts with a spacer of channel section 150x75x5mm (one hundred fifty x seventy five x five millimetre), 330mm (three hundred thirty millimetre) long complete as per clause 810 within all leads, lifts carriage of material and other incidentals.	15.00	Per Running Meter			
Total						

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



# **SCHEDULE OF QUANTITY**

Name of Work : Construction of Pucca Road from JNSG road Khuddar to GSSS Khuddar (3.00 lacs Deposit Under BASP)				Estimate Cost:	
(S.H. : Providing and laying Kharanja Stone Soling km 0/0 to 0/0025 & C.C. Pavement in Km 0/0 to 0/063 )				Earnest Money:	67,503.0
Sr. No	Description of work	No. or Qty.	Unit	Rate	AMOUNT Rs. P
				Figures	
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.	10.83	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.	18.20	Per Cubic metre		
<b>Total</b>					

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

# **SCHEDULE OF QUANTITY**


**Name of Work:** Construction of Harabag to Shanan road i/c M/T & .C.D. works Km 0/00 to 2/00  
**(S.H. : Extension of 900mm dia hume pipe culvert along with wing wall at RD 0/340 )**

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost:		
				Figures	Rate	AMOUNT
					Words	Rs. P
1	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost .	8.64	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.	2.77	Per cubic metre			
3	Providing and laying concrete for plain / reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 & 1203. Plain cement concrete nominal mix 1:5:10 (one cement : five sand : ten graded stone aggregate 40mm (forty millimetre) nominal size) complete within all leads, lifts carriage of material and other incidentals.	23.18	Per cubic metre			

(4)



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 1:4:8 (one cement : four sand : eight graded stone aggregate 40mm (forty millimetre) nominal size) complete within all leads, lifts carriage of material and other incidentals.	0.54	Per cubic metre			
5	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.	10.50	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.	11.00	Each			
Total						

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

# **DNT/DRAFT SCHEDULE OF QUANTITY**


**Name of Work : Construction of Link road from Chanchar to Samoun via Kufroo Km 0/00 to 2/345**  
**(S.H. : Providing and laying Soling G-I & CC Pavement at RD 1/740 to 1/778)**

**Estimate Cost:** 95,591.1  
**Earnest Money:** 1,900.  
**Time Limit :** Three Months

Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Preparation of sub grade by dressing to camber (Earth work for cutting involved for sub grade to paid for separately depending upon the classification of soil completed as per HPPWD specifications complete within all leads, lifts, carriage of material and other incidentals charges.	133.67	Per square metre			
2	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and rerolling the sub grade complete as per HPPWD Specifications complete within all leads, lifts, carriage of material and other incidentals charges.	133.67	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 interstices of course aggregate watering and compacting to the required density Grading-1 (one) as per technical specification clause 405 complete within all leads, lifts, carriage of material and other incidentals charges.	13.37	Per cubic metre			



Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
4	Construction of un-reinforced, dowel jointed at expansion and construction joint only, plain cement concrete pavement of thickness as per design, over a prepared sub base with 43(forty three) grade cement M-30 (thirty) grade, design mix concrete, coarse and fine aggregates conforming to IS:383(three hundred eighty three), maximum size of coarse aggregate not exceeding 25mm(twenty five millimeter ) mixed in a concrete mixer of not less than 0.2 (zero point two) cubic meter capacity and appropriate weight batcher using approved mix design, laid in approved fixed side form work ( steel channel) laying and fixing of 125(one hundred twenty five) micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes,compacted using needle, screed and plate vibrators and finished in continuous operation including provision of contraction and expansion, construction joints, applying debonding strips, primer, sealant,dowel bars, near approaches to bridge/culvert and construction joints, admixtures as approved, curing of concrete slabs using curing compound (where specified) and water, finishing to line and grade as per drawing and as per M.O.R.D. technical specification clause 1501 and as per directions 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.	18.26	Per cubic metre			
	<b>Total</b>					

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

**SCHEDULE OF QUANTITY**


**Name of Work : Construction of Link road from Langha to Lower Mandhota km 0/00 to 1/500**  
**(S.H. : Construction of 900mm dia hume pipe culvert along with both side wing wall at RD 0/200)**

**Estimate Cost: 96,778.00**  
**Earnest Money: 1,900.00**  
**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.	42.30	Per cubic metre			
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete Grade M-10 complete within all leads, lifts carriage of material and other incidentals.	9.73	Per cubic metre			
3	Providing and laying concrete for plain / reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 & 1203. Plain cement concrete nominal mix 1:5:10 (one cement : five sand : ten graded stone aggregate 40mm (forty millimetre) nominal size) complete within all leads, lifts carriage of material and other incidentals.	16.72	Per cubic metre			



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 1:4:8 (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			
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	Providing and laying 900mm (nine hundred millimetre) diameter reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 (one cement : two sand) but excluding excavation, protection work, back filling, concrete and masonry work in head walls and parapets clause 1108 complete within all leads, lifts carriage of material and other incidentals.	7.50	Per running metre			
8	Back filling behind abutment wing wall and return wall complete as per Drawing and technical specifications clause 1204.3.8 Granular material complete within all leads, lifts carriage of material and other incidentals.	5.60	Per cubic metre			
7	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.	8.00	Each			
Total						

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

# SCHEDULE OF QUANTITY

Name of Work : Construction of Various NABARD Works Under Joginder Nagar Division HP.PWD Joginder Nagar

(SH: Purchase of Computer with UPS in Drawing Branch against contingency of NABARD Works)

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost: 70,900.00		
				Earnest Money: 1,400.00		
				Time Limit :		
				Figures	Rate Words	AMOUNT Rs. P
1	Supplying of Computer system i3 10th Gen. processor 2.0 Ghz , 8 GB RAM 1 TB Hard Disk 18.5" LED, wifi, USB Keyboard & Mouse with Windows 10 Pro & MS office etc. including GST, toll tax, Sale Tax or other taxes imposed by the government.	1.00	Each			
2	Supplying of Microtek UPS 650VA including GST, toll tax, Sale Tax or other taxes imposed by the government.	1.00	Each			
Total						

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




# SCHEDULE OF QUANTITY

Name of Work : Restoration of Rain Damages on Upper Bhadyara to Lower Bhadyara km 0/0 to 2/650  
(SH: Construction of PCC 1:5:10 Bresat wall at RD 1/538 to 1/563 )

Estimate Cost: 3,45,820.00  
Earnest Money: 6,900.00  
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.	25.50	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.	18.75	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/depts 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 .	59.00	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 .	30.00	Each			
	<b>Total</b>					

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



# **SCHEDULE OF QUANTITY**

**Name of Work :Improvement and Widening of Joginder Nagar Sarkaghat Ghumarwin road km 21/500 to 34/300**  
**(SH: Construction of wire crate B/wall at RD 25/510 to 25/542.50)**

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost:		
				Figures	Rate Words	AMOUNT Rs. P
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut material as per technical specification clause 302.3.5 and 1611. including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge .	1058.93	Per cubic metre			4,92,948.00 9,900.00
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 .	15.60	Per cubic metre			

Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
3	Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012, MORTH Clause 2500, of required size, Mesh Type 10x12 (ten by twelve) (D=100 mm (One hundred millimeter) with tolerance of $\pm 2\%$ (Two percent) ) Zinc + PVC coated, Mesh wire diameter 2.7 / 3.7mm(Two point seven/ three point seven millimeter) , mechanically edged / selvaged with partitions at every 1m (One meter) interval and shall have minimum 10 (Ten) numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2/3.2mm (two point two / three point two millimeter) (ID/OD), supplied @3% (three percent) by weight of Gabion boxes, filled with boulders with least dimension of 200 mm (two hundred millimeter), as per drawing, all complete as per directions of Engineer-in-charge complete within all leads, lifts, carriage of material and other incidentals.	101.56	Per Cubic metre			
Total						

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



# **SCHEDULE OF QUANTITY**

**Name of Work : Improvement of Black Spot on BNLBKP Road Km 0/00 to 36/00**  
**(SH: Improvement of Sharp / Nerrow Curves at RD 32/838 to 33/020 )**

**Estimate Cost:** 3,22,208.00  
**Earnest Money:** 6,400.00  
**Time Limit :** Three Months

Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	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.	1195.75	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	322.25	Per cubic metre	300.00	Rupees Three Hundred Only	-96,675.00
	<b>Total</b>					

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

(11)

## Schedule of Quantity

Estimated Cost:- 89239.00  
 Earnest Money:- 2000.00  
 Time:- Three Months

Name of work:- A/R & M/O JNSG road Km. 0/0 to 7/200 under CRF deposit.

Sub Head:- Construction of breast wall at Km. 4/832 to 4/843.

Sr. No.	Description of Item	Qty	Rate		Unit	Amount
			In Figure	In words		
1	Excavation in soil in hilly area by mechanical means including cutting and trimming of side slopes and disposing of excavated earth with in all leads and lifts as per technical specification clause 1603.1. including carriage of material and other incidentals.	12.65			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) curing complete within all leads, lifts carriage of material and other incidentals.	40.42			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.	18.00			Each	
					Total	

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



Estimated Cost:-	99840.00
Earnest Money:-	2000.00
Time:-	One Month

One Month

**Name of work:-** A/R & M/O various residential buildings of PWD under Joginder Nagar division HPPWD Joginder Nagar.

**Sub Head:-** Binding of office records file with card board on both side of file (C-branch record)

Sr. No.	Description of item	Qty.	Rate		Unit	Am
			In Figure	In Words		
1	Binding of office record file with card board on both side of file fixing, binding cloth on edge of file and spray paper on card board with proper adhesive material like fevicol, glue etcetra and sewing the file with durable road of suitable material complete in all respect as per satisfaction of Engineer-In-Charge including carriage of material with in all leads and lifts and other incidentals.	640.00			Each	
					Total:-	

~~Executive Engineer,  
B&R Division HPPWD  
Joginder Nagar.~~

**SCHEDULE OF QUANTITY**

**Name of Work : Extension of Zimzima Road Km 0/00 to 3/00**  
**(SH: Formation cutting in km 1/760 to 1/863 )**

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost: 98,728.00		
				Earnest Money: 2,000.00		
				Figures	Rate	AMOUNT
					Words	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 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.	1042.54	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	52.13	Per cubic metre	300.00	Rupees Three Hundred Only	-15,639.00
	<b>Total</b>					

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



# SCHEDULE OF QUANTITY

Name of Work : Restoration of Rain Damages on Ahju Basahi road km 0/00 to 19/200  
(SH: Widening of road by formation cutting from km 2/910 to 3/090 )

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.	953.25	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	114.38	Per cubic metre	300.00	Rupees Three Hundred Only	-34,314.00
	<b>Total</b>					

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

**SCHEDULE OF QUANTITY**

(15)

**Name of Work : Construction of Link road to Drubbal to Kunkar Nagan Km 0/00 to 2/700**  
**(S.H. : Construction of 900mm dia hume pipe culvert along with both side wing wall at RD 1/510)**

**Estimate Cost: 96,532.00**  
**Earnest Money: 1,900.00**  
**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 .	40.38	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.	9.73	Per cubic metre			
3	Providing and laying concrete for plain / reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 & 1203. Plain cement concrete nominal mix 1:5:10 (one cement : five sand : ten graded stone aggregate 40mm (forty millimetre) nominal size) complete within all leads, lifts carriage of material and other incidentals.	16.72	Per cubic metre			








# **SCHEDULE OF QUANTITY**

**Name of Work : Construction of Link road from Raja to Bharola Nagan Km 0/00 to 4/500**

**(S.H. : Providing and laying Soling Grade-I, Wearing Grade -II & Premix Carpet with Seal Coat from km 1/405 to 1/905)**

**Estimate Cost: 4,65,249.00**  
**Earnest Money: 9,300.00**  
**Time Limit : Two Months**

Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Providing, laying, spreading and compacting stone aggregates by manual means of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN (eighty-hundred kilo newton) static roller in stages to proper grade and camber applying and brooming, stone screening/ binding materials to fillup the interstices of course aggregate watering and compacting to the required density Grading-2 (two) as per technical specification clause 405 complete within all leads, lifts, carriage of material and other incidentals charges.	114.38	Per cubic metre			
2	Providing and applying primer/tack with bituminous primer at the rate of 1.00 (one point zero zero) kilogram per square metre on existing WBM (Water bound macadam) surface cleaned with mechanical brooms as per HP.PWD./MORD specification complete within all leads, lifts, carriage of material and other incidentals charges.	1525.00	Per square metre			
3	Providing, laying and rolling by manual means bitumen (S-90) of open graded premix carpet of 20mm (twenty millimetre) thickness composed of 13.2mm to 5.6mm (thirteen point two millimetre to five point six millimetre) aggregates either using penetration grade bitumen to required line, grade and level to survive as wearing course on a previously prepared base, including mixing in suitable plant, laying and rolling with a three wheel 80-100 kN (eighty-hundred kilo newton) static roller capacity, finish to required level and grades to be followed by seal coat of Type-B as per technical specification Clause 508 including all corrective measures such as patching pot holes, sealing of cracks including all profile correction for all depths and hauling of material in all leads and lifts by all modes of transportation within all leads, lifts, carriage of material and other incidentals charges.	1525.00	Per square metre			
4	Providing and laying seal coat Type-B by manual means sealing the voids in a bituminous surface laid to the specified levels, grade and crossfall using Bitumen (S-90) as per technical specification Clause 510 including hauling of material in all leads and lifts by all modes of transportation within all leads, lifts, carriage of material and other incidentals charges.	1525.00	Per square metre			
<b>Total</b>						

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



# **SCHEDULE OF QUANTITY**

**Name of Work : Restoration of rain Damages on Gaduhi Bhoura Road Km 0/00 to 1/195**  
**(SH: Construction of wire crate B/wall at RD 0/330 to 0/350 for protection of existing house)**

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost:		
				Figures	Rate	AMOUNT
				Words	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.	14.00	Per cubic metre			
2	Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012, MORTH Clause 2500, of required size, Mesh Type 10x12 (ten by twelve) (D=100 mm (One hundred millimeter) with tolerance of $\pm 2\%$ (Two percent) ) Zinc + PVC coated, Mesh wire diameter 2.7 / 3.7mm(Two point seven/ three point seven millimeter) , mechanically edged / selvaged with partitions at every 1m (One meter) interval and shall have minimum 10 (Ten) numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2/3.2mm (two point two / three point two millimeter) (1D/OD), supplied @3% (three percent) by weight of Gabion boxes, filled with boulders with least dimension of 200 mm (two hundred millimeter), as per drawing, all complete as per directions of Engineer-in-charge complete within all leads, lifts, carriage of material and other incidentals	62.15	Per Cubic metre			
<b>Total</b>						

*(Signature)*  
 Executive Engineer  
 B & R Division HP.PWD,  
 Joginder Nagar

17

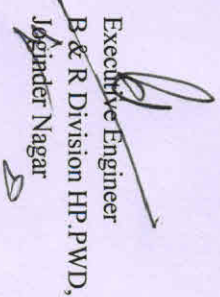


# SCHEDULE OF QUANTITY

Name of Work : Restoration of Rain Damages on Joginder Nagar Sarkaghat Ghumarwin road Km 0/00 to 34/300  
(SH: Construction of PCC Breast wall at RD 5/180 to 5/194)

Estimate Cost: 96,241.00  
Earnest Money: 1,900.00  
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.	26.39	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 .	44.10	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			
<b>Total</b>						

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




**SCHEDULE OF QUANTITY**

Name of Work : Construction of Dead House road in Govt. Hospital Joginder Nagar Complex km 0/00 to 0/105.  
(SH: Providing and laying Interlocking Paver Block at RD 0/00 to 0/039 )

Estimate Cost: 2,91,851.00  
Earnest Money: 5,800.00  
Time Limit : Three Months

Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	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.	12.57	Per cubic metre			
2	Providing and laying cement concrete work 1:2:4 (One Cement isto two Sand isto four graded stone aggregate 20 mm (twenty millimeter) nominal size) and curing complete excluding cost of form work and reinforcement for reinforced concrete work in Foundations, footings bases of columns and the like and mass concrete as per the direction of Engineer-In-Charge including carriage of material within all leads and lifts complete in all respect.	1.44	Per cubic metre			
3	Providing and laying 60mm (Sixty millimeter) thick heavy duty precast cement concrete inter locking paver blocks vibro compacted upto M50 (M fifty) grade i/c border or kurb block grey or coloured over sub-base of concrete with 25mm (Twenty 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) as per PWD specification including curing and carriage of material within all leads and lifts complete in all respect as per direction of Engineer in Charge.	143.64	Per square metre			
<b>Total</b>						


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

# **SCHEDULE OF QUANTITY**

**Name of Work : A/R & M/O Various Non Residential Building under Sub Division No. II HPPWD Joginder Nagar**  
**(SH: Prepainted Sheet Roofing)**

**Estimate Cost: 2,30,195.00**  
**Earnest Money: 4,600.00**  
**Time Limit : Three Months**

Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Providing and fixing 0.60mm thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 microns over 5 microns primer coating to back coat of polyester 5 microns primer coating including fixing with prepainted iron J or L hooks, bolts and nuts 6mm diameter with prepainted limpet and rubber washers complete with all accessories 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.	46.01	Per square metre			
2	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purllins, rafters and trusses and including cutting to size and shape wherever required 0.63 mm thick with zinc coating not less than 275 gm/ m <sup>2</sup> 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.	157.56	Per square metre			
3	Providing and fixing ridges or hips 60cm over all with 0.60mm thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 microns over 5 microns primer coating + back coat of polyester of 5 microns primer coating including fixing with prepainted iron J or L hooks, bolts and nuts 6mm dia and prepainted G.I. limpet and bitumen washers complete 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.	51.35	Per running metre			
<b>Total</b>						

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

20



# SCHEDULE OF QUANTITY

21

Name of Work : A/R & M/O Various Non Residential Building under Sub Division No. II HPPWD Joginder Nagar (SH: Providing and laying Cement Concrete Paver Block )				Estimate Cost: 97,085.00 Earnest Money: 1,900.00 Time Limit : Three Months		
Sr. No	Description of work	No. or Qty.	Unit	Figures	Rate	AMOUNT Rs. P
				Words		
1	Providing and laying cement concrete work 1:2:4 (One Cement isto two Sand isto four graded stone aggregate 20 mm (twenty millimeter) nominal size) and curing complete excluding cost of form work and reinforcement for reinforced concrete work in Foundations, footings bases of columns and the like and mass concrete as per the direction of Engineer-In-Charge including carriage of material within all leads and lifts complete in all respect.	0.28	Per cubic metre			
2	Providing and laying 60mm (Sixty millimeter) thick heavy duty precast cement concrete inter locking paver blocks vibro compacted upto M50 (M fifty) grade i/c border or kurb block grey or coloured over sub-base of concrete with 25mm (Twenty 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) 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.	62.02	Per square metre			
Total						

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

# **SCHEDULE OF QUANTITY**

**Name of Work : Construction of Ambulance road from Jalpa link to upper Bagla Muhai km 0/00 to 1/00**  
**(S.H. : Providing and laying Kharanja Soling at RD 0/00 to 0/350)**

**Estimate Cost:** 73,779.00  
**Earnest Money:** 1,500.00  
**Time Limit :** Three 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.	154.35	Per Cubic metre			
<b>Total</b>						

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




# SCHEDULE OF QUANTITY

Name of Work : M/T on link road to Harizan Basti Banog in G.P. Nauhli km 0/00 to 2/00 under SCSP  
(S.H. : Construction of Breast wall at km 1/247 to 1/266)

Estimate Cost: 99,674.00  
Earnest Money: 2,000.00  
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.	18.34	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.	14.25	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 .	44.84	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 .	14.00	Each			
	<b>Total</b>					

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