



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 **01/01/2022 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 **30/12/2021 up to 10.00 A.M. to 12:30 P.M.** and tender form can be had from this office on **31/12/2021 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 I.T.I. building at Joginder Nagar District Mandi (H.P). (Sub Head:- P/L cement concrete on sitting tier of lay ground Job No.II)	₹ 98,020/-	₹ 2,000/-	₹ 350/-	Class "D"	Two months
2	Construction and M/T on link road Bassi to Kun Km. 0/0 to 1/500. (Sub Head:- Providing and laying grade-I solinmg 90mm to 45mm size in Km. 1/0 to 1/500).	₹ 1,42,260/-	₹ 2,800/-	₹ 350/-	Class "D"	Three months
3	Construction of link road from Bhujru Nallah to Harizan basti Bhalyandra Km. 0/0 to 1/500. (Sub Head:- Providing and laying Soling grade-I in Km. 0/600 to 0/900).	₹ 92,981/-	₹ 2,000/-	₹ 350/-	Class "D"	Two months
4	M/T on Jhamehar Banoun road including X-drainage work Km. 0/0 to 3/100. (Sub Head:- P/L wearing grade-II 63mm to 45mm size in Km. 1/500 to 1/900).	₹ 97,588/-	₹ 2,000/-	₹ 350/-	Class "D"	Two months
5	Construction & M/T on Jeepable link road Gyola Harizan basti Kas Kumharda. (Sub Head:- P/L Kharanja stone soling and cement concrete pavement in Km. 0/0 to 0/042).	₹ 99,337/-	₹ 2,000/-	₹ 350/-	Class "D"	Two months
6	Construction of Nauhli to Dhar village road Km. 0/0 to 1/0. (Sub Head:- Providing and laying Kharanja stone soling and cement concrete pavement in various reaches between Km. 0/0 to 1/0)	₹ 98,237/-	₹ 2,000/-	₹ 350/-	Class "D"	Two months
7	Providing way side facility on Dul Banar Galu road Km. 0/0 to 5/0. (Sub Head:Construction of rain shelter at Km. 0/255)	₹ 99,902/-	₹ 2,000/-	₹ 350/-	Class "D"	Two months
8	Construction of Daak Sihari road in G.P. Ropri and construction of Koot Khetru and Chandani road in G.P. Main Bharola. (Sub Head:- P/L kharanja stone soling and cement concrete pavement at Km. 0/300 to 0/450)	₹ 4,13,178/-	₹ 8,300/-	₹ 350/-	Class "D"	Three months
9	A/R & M/O on Dhelu Yora Tikroo road Km. 0/0 to 5/180. (Sub Head:- Construction of breast wall at Km. 2/120 to 2/127 & Km. 3/045 to 3/052).	₹ 1,87,972/-	₹ 3,800/-	₹ 350/-	Class "D"	Three months
10	Restoration of rain damages on Ahju basahi road. (Sub Head:- Construction of breast/protection wall at Km. 21/225 to 21/240 to protect existing house).	₹ 79,059/-	₹ 1,600/-	₹ 350/-	Class "D"	Two months
11	A/R & M/O Machhyal Ropri Traimbli road Km. 0/0 to 7/560. (Sub Head:- Construction of U-shape drain in Km. 0/210 to 0/350)	₹ 96,549/-	₹ 2,000/-	₹ 350/-	Class "D"	Two months



12	Restoration of rain damages on Ahju Kholi Tramat road Km. 0/0 to 2/500. (Sub Head:- Construction of PCC retaining wall at Km. 0/870 to 0/885).	₹ 72,919/-	₹ 1,500/-	₹ 350/-	Class "D"	Two months
13	Restoration of rain damages on link road from Khudder Har Banain from Labankhad to Dart Bagla project road Km. 0/0 to 2/500. (Sub Head:- Construction of retaining wall at Km. 0/005 to 0/015).	₹ 1,24,698/-	₹ 2,500/-	₹ 350/-	Class "D"	Three months
14	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) (Circle office Joginder Nagar)	₹ 99,840/-	₹ 2,000/-	₹ 350/-	Class "D"	One month
15	A/R & M/O Ahju Basahi road Km. 0/0 to 19/200. (Sub Head:- Curve cutting widening in Km. 12/675 to 12/705 & construction of breast wall at Km. 12/646 to 12/660)	₹ 89,471/-	₹ 1,800/-	₹ 350/-	Class "D"	Two months
16	Restoration of rain damages on Sainthal Drobari Bhala ka Rihra Chandani road Km. 0/0 to 9/0 . (Sub Head:- Construction of PCC retaining wall at Km. 0/476 to 0/491 to protect existing house)	₹ 92,737/-	₹ 1,900/-	₹ 350/-	Class "D"	Two months

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

**Terms and conditions:-**

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

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

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

No. PW-JND-B&R-EA-I/NIT/Press/2021-22- 19589-66.

Dated:- 24-12-2021

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

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

# **Schedule of Quantity**

Estimated Cost:- 98020.00  
 Earnest Money:- ~~Two~~ 2000.00  
 Time:- ~~three~~ months

**Name of work:-** Construction of Government I.T.I. building at Joginder Nagar district Mandi (H.P.).  
**Sub Head:-** Providing and Laying Cement concrete on sitting tier of Play Ground. Job No. II

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Providing and laying cement concrete 1:3:6 (One cement : three sand : six graded/crushed stone aggregate 20mm (twenty millimetre) nominal size) mechanically mixed and curing complete excluding cost of form work in foundation and plinth including carriage of materials within all leads and lifts complete in all respect.	20.25			Per cubic metre	
	<b>Total:</b>					


Executive Engineer,  
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 Joginder Nagar



## SCHEDULE OF QUANTITY

**Name of Work : Construction & M/T on link road Road Bassi to Kun Km 0/00 to 1/500**  
**(S.H. : Providing and laying G-I Soling 90mm to 45mm at RD 1/00 to 1/500)**

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost:		
				Figures	Rate Words	AMOUNT Rs. P
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.	1470.00	Per square metre			
2	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and rerolling the sub grade complete as per HPPWD Specifications complete within all leads, lifts, carriage of material and other incidentals charges.	1470.00	Per square metre			
3	Providing, laying, spreading and compacting stone aggregates by manual means of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 KN (eighty-hundred kilo newton) static roller in stages to proper grade and camber applying and brooming, stone screening/ binding materials to fillup the 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.	147.00	Per cubic metre			
<b>Total</b>						

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

# SCHEDULE OF QUANTITY

Name of Work : Construction of link road from Bhujru Nallah to Harizan Basti Bhalyandra Km 0/00 to 1/500  
(S.H. : Providing and laying Soling Grade-I from RD 0/600 to 0/900 )

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost:		AMOUNT Rs. P
				Figures	Rate Words	
1	Preparation of sub grade by dressing to camber (Earth work for cutting involved for sub grade to paid for separately depending upon the classification of soil completed as per HPPWD specifications complete within all leads, lifts, carriage of material and other incidentals charges.	960.75	Per square metre			
2	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and reroiling the sub grade complete as per HPPWD Specifications complete within all leads, lifts, carriage of material and other incidentals charges.	960.75	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.	96.08	Per cubic metre			
Total						

Executive Engineer  
B & R Division HP.P.W.D.,  
Jaginder Nagar




### Schedule of Quantity

Estimated Cost:- 975688.00  
 Earnest Money:- 2000.00  
 Time:- Two Months

**Name of work:-** Metalling and tarring on Jhamehar Banoun road including cross drainage work Km. 0/0 to 3/100

**Sub Head:-** Providing and laying wearing Grade-II 63 mm to 45 mm size in Km. 1/500 to 1/900.

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Providing, laying, spreading and compacting stone aggregates by mannual means of 63mm to 45mm (sixty three millimetre to forty five millimetre) sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN (eighty-hundred kilo newton) in stages to proper grade and camber applying and brooming, stone screening/binding materials to fillup the interstics of coarse 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.	96.08			Per cubic metre	
<b>Total:-</b>						

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

# SCHEDULE OF QUANTITY

Name of Work : Construction & M/T on Jeevable link road Gyola Harizan Basti Kas Kumharda  
(S.H. : Providing and laying Kharanja Stone soling and Cement Concrete pavement in Km 0/00 to 0/042 )

Estimate Cost: 99,337  
Earnest Money: 2,000  
Time Limit : Three Months

Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Stone soling properly handpacked filling interstices with Kharanja stone and consolidating with power road roller to the requested gradient and combor 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.	19.85	Per Cubic metre			
2	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 cement 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.	19.85	Per cubic metre			
Total						

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



# SCHEDULE OF QUANTITY

Name of Work : Construction Nahuhali to Dhar Village km 0/00 to 1/00 (S.H. : Providing and laying Kharanja Stone soling and Cement Concrete pavement in various reaches between km 0/00 to 1/00)					Estimate Cost: 98,23 Earnest Money: 2,000 Time Limit : 30 days		
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.	167.48	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.	167.48	Per square metre				
3	Stone soling properly handpacked filling interstices with Kharanja stone and consolidating with power road roller to the requested gradient and comber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD specification. 100 mm (one hundred millimeter) spread thickness (finished work including materials and labour) and to the entire satisfaction and direction of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation in all leads, lifts and other incidental complete in all respect.	25.13	Per Cubic metre				
4	Construction of un-reinforced cement concrete pavement as per design and drawing with expension and construction joints, over a prepared sub base, with 43 (forty three) grade cement as per technical clause and specifications M-20 (twenty) grade course and fine aggregate conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm (twenty five millimetre) mixed in a concrete mixer of not less than 0.2 cum (zero point two cubic metre) capacity including form work with steel channels and plates and entire carriage of material with in all leads and lifts complete as per the direction of Engineer-in-charge.	25.13	Per Cubic metre				
Total							

Executive Engineer  
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Joginder Nagar

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**SCHEDULE OF QUANTITY**

**Name of Work : Providing way side facility on Dul Banar Galu Road Km 0/00 to 5/00.**  
**(S.H. : Construction of Rain Shelter at Km 0/255)**

**Estimate Cost:** 99,902.0  
**Earnest Money:** 2,000.0  
**Time Limit :** Two Month

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.	7.20	Per cubic metre			
2	Providing form work with steel plates of 3.15mm (three decimal one five millimeter) thick, welded with angle iron in frames of 30x30x5mm (thirty into thirty into five millimeter) so as to give a fair finish including centring, shuttering strutting and propping etc, with wooden battens and ballies for all heights/depths of propping and centring below supporting floor to ceiling and removal of the same for in-situ reinforced concrete and plain concrete work in foundation,. Footings bases of columns and mass concrete. 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.	3.60	Per square metre			
3	Providing and laying cement concrete 1:6:12 (One cement iso six sand iso twelve aggregate) graded crushed/broken stone aggregate 40mm (forty millimeter) nominal size mechanically mixed and curing complete, excluding cost of form work in foundation and plinth. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	1.22	Per cubic metre			
4	Providing and laying mechanically mixed and vibrated reinforced cement concrete work grade M-20 design mix to obtain the minimum compressive strength of M-20 N/mm2 with cement contents not less than of 330kg/m3 (three hundred thirty kilogramme per cubic metre) excluding cost of form work and reinforcement for reinforced concrete work in foundation footing, basis of columns and the like mass concrete upto floor all level and curing complete including carriage of material within all leads, lifts and other incidental charges complete in all respect as per direction of Engineer-in-Charge.	0.41	Per cubic metre			



Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
5	Random rubble masonry/polygonal rubble masonry (uncoursed/brought to courses) with hard stone of approved quality in foundation and plinth including leveling up with cement concrete 1:6:12 (one cement : six sand : twelve graded stone aggregate 20mm (twenty) millimeter nominal size mechanical mixed in cement mortar 1:6 (one cement six sand) including curring and carriage of material within all leads and lifts complete in all respect as per direction of Engineer in Charge.	3.67	Per cubic metre			
6	Second class brick work using common burnt clay building bricks in cement mortar 1:6 (one cement isto six sand) in foundation and plinth 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. The rate is including octroi, royalty, GST, toll tax, Sale Tax or other taxes imposed by the government.	2.21	Per cubic metre			
7	Boulder filling of selected hard dry stone hand packed tightly under floor as per the direction of Engineer-In-Charge including carriage of materials within all leads and lifts complete in all respect.	0.56	Per cubic metre			
8	Providing and fixing 0.60mm (zero point six zero millimetre) 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 (twenty) microns over 5 (five) microns primer coating to back coat of polyester 5 (five) microns over 5 (five) microns primer coating including fixing with screws prepainted iron J or L hooks, bolts and nuts 6mm (six millimetre) diameter with prepainted limpet and rubber washers complete with all accessories as required as per the direction of Engineer-In-Charge including carriage of material within all leads and lifts complete in all respect.	14.16	Per square metre			
9	Providing and fixing ridges or hips 60cm (sixty centimetre) overall with 0.63mm (zero point six three millimetre) thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheets with top coat of regular modified polyester organic coating of 20 (twenty) microns over 5 (five) microns primer coating plus back coat of polyester of 5 (five) microns over 5 (five) microns primer coating including fixing with screws prepainted iron J or L hooks, bolts and nuts 6mm (six millimetre) diameter with prepainted GI limpet and bitumen washers complete with all accessories as required as per the direction of Engineer-In-Charge including carriage of material within all leads and lifts complete in all respect.	10.20	Per running metre			
10	Providing and fixing MS BP sheet 1.66mm to 2mm (one point six six millimetre to two millimetre) thick in eaves board/facia/sofits/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-In-Charge (Base members of steel work shall be measured & paid separately) including carriage of materials within all leads, lifts and other incidental charges.	4.39	Per square metre			



# SCHEDULE OF QUANTITY

Name of Work : Construction of Daak Silharl road in GP Ropri and Construction of Koot Khetru and Chandani road in GP Main Bharola.

(SH: Providing and Laying Kharanja Stone soling and CC Pavement at RD 0/300 to 0/450 )

Estimate Cost:

4,13,17

Earnest Money:

8,30

Time Limit :

Three Months

Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Stone soling properly handpacked filling interstices with Kharanja stone and consolidating with power road roller to the requested gradient and comber including spreading watering and rolling of binding materials moorum or earth etc. complete as per H.P.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.	61.88	Per Cubic metre			
2	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 cement 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.	41.25	Per cubic metre			
Total						

Executive Engineer

B & R Division HP.PWD,

Joginder Nagar

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# SCHEDULE OF QUANTITY

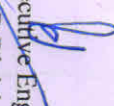
Name of Work : A/R & M/O on Dhelu Yora Tikroo road km 0/00 to 5/180  
(SH: Construction of Breast wall at km 2/120 to 2/127 & 3/045 to 3/052 )

Estimate Cost: 1,87,972.00  
Earnest Money: 3,800.00  
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.	10.50	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 .	14.70	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 .	33.04	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,  
 Jodhpur Nagar

# **DNT/DRAFT SCHEDULE OF QUANTITY**


**Name of Work : Restoration of Rain Damages on Ahju Basahi road**  
**(S.H. : Construction of Breast/ protection wall at RD 21/225 to 21/240 to protect existing house )**

**Estimate Cost:** 79,059.00  
**Earnest Money:** 1,600.00  
**Time Limit :** 12 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.	18.53	Per Cubic metre			
2	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost .	11.55	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 .	35.40	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 .	11.00	Each			
<b>Total</b>						

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

11

Schedule of Quantity

Name of work:- A/R & M/O Machhyal Ropri Traimbli road Km. 0/0 to 7/560.  
Sub Head:- Construction of U-shape drain in Km.0/210 to 0/350.

Estimated Cost:- Rs. 96549.00  
Earnest Money:- Rs. 2000.00  
Time:- ~~Three~~ Months  
Twu

Sr. No.	Description of Item	Qty	Rate		Unit	Amount
			In Figure	In words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	33.60			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 curing complete within all leads, lifts carriage of material and other incidentals.	31.50			Per cubic metre	
					Total	

  
Executive Engineer,  
B&R Division HPPWD,  
Joginder Nagar



**SCHEDULE OF QUANTITY**

(12)

**Name of Work : Restoration of Rain Damages on Abju Kholi Road Km 0/00 to 2/500**  
**(S.H. : Construction of PCC Retaining Wall at RD 0/870 to 0/885 )**

Sr. No	Description of work	No. or Qty.	Unit	Estimate Cost:		
				Figures	Rate Words	AMOUNT Rs. P
1	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost .	9.50	Per cubic metre			
2	Providing and laying cement concrete 1:5:10(one cement: five sand:ten graded crushed / broken stone aggregate 40 mm (forty millimeters) nominal size ) plums and curing complete including the cost of form work in <b>Retaining walls Breast walls</b> , in or under water complete including, pumping or bailing out water ,dewatering removal of slush as required at site which may arisen at the time of laying under water complete for all heights/depths including cost of form work as per drawings and MORD technical specifications section 800, 900,1200 & 1600 and as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals .	31.50	Per cubic metre			
3	Back filling behind abutment wing wall and return wall complete as per Drawing and technical specifications clause 1204.3.8 Granular material complete within all leads, lifts carriage of material and other incidentals.	9.40	Per cubic metre			

**Earnest Money: 72,919.00**  
**Time Limit : 1,500.00 Two Months**

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

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



# **SCHEDULE OF QUANTITY**

**Name of Work : Restoration of Rain Damages on Link road from Khudder Har Banin from Labankhad to Dart Bagla Project road km 0/00 to 2/500.**

**(S.H. : Construction of Retaining Wall at RD 0/005 to 0/015 )**

**Estimate Cost: 1,24,698.00**  
**Earnest Money: 2,500.00**  
**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 .	20.20	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 .	52.90	Per cubic metre			
3	Back filling behind abutment wing wall and return wall complete as per Drawing and technical specifications clause 1204.3.8 Granular material complete within all leads, lifts carriage of material and other incidentals.	16.90	Per cubic metre			

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

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



④

**Time:-**

**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 (Circle office Joginder Nagar)

  
Executive Engineer,  
B&R Division HPPWD,  
Joginder Naggar.

# SCHEDULE OF QUANTITY

15


Name of Work : A/R & M/O Ahju Bashai Road Km 0/00 to 19/200  
(S.H. : Curve cutting widening in km 12/675 to 12/705 & Construction of Breast Wall at RD 12/646 to 12/660)

Estimate Cost: 89,471.00  
Earnest Money: 1,800.00  
Time Limit : 3 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.	232.96	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	20.97	Per cubic metre			
3	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.	15.40	Per cubic metre			



Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
4	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.	10.50	Per cubic metre			
5	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 .	33.04	Per cubic metre			
6	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 .	10.00	Each			
	<b>Total</b>					

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



**SCHEDULE OF QUANTITY**


**Name of Work : Restoration of Rain Damages on Sainthal Drobri Bhala ka Rihra Chandni Road km 0/00 to 9/00**  
**(S.H. : Construction of PCC Retaining Wall at RD 0/476 to 0/491 to protect existing house)**

**Estimate Cost: 92,737.00**  
**Earnest Money: 1,900.00**  
**Time Limit : Two Months**

Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Excavation in soil in hilly area in all heights and depths and in all kind of soil by all means including saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiseling/ wedging out of rock ( where blasting is prohibited) and their intermediate classification of soil, setting out true to the required line, grades, width cutting and trimming of side slopes and level as shown on the drawing and as directed by the Engineer-in-Charge at site according to the M.O.R.D. technical specification section 1000 & 300 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of the road and transportation of useful material for filling in road ways, camber, embankments for grade improvements and disposal of all surplus material at approved dumping sites through all modes of transportation including head load or animals transport or mechanical means along with its leveling fine dressing and hauling /carriage of machineries, materials, tools equipments and safety measures. Any loss to the public / private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him at his own cost.	18.68	Per Cubic metre			
2	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost.	11.25	Per cubic metre			



Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
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 1:6:12 (one cement : six sand : twelve graded stone aggregate 40mm (forty millimetre) nominal size) curing complete within all leads, lifts carriage of material and other incidentals.	3.00	Per cubic metre			
4	Stone masonry in cement mortar for sub structure complete as per drawing and technical specification clauses 702,704,1202 & 1204 Random rubble masonry in cement mortar 1:6. (one cement : six sand) curing complete within all leads, lifts carriage of material and other incidentals.	39.15	Per cubic metre			
5	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of 1 (v): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge.	9.00	Each			
Total						

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