



"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 **13/09/2022 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 **09/09/2022 up to 10.00 A.M. to 12:30 P.M.** and tender form can be had from this office on **12/09/2022 from 2.00 P.M. to 5.00 Pm.** The earnest money as shown against each in the shape of F.D.R of any bank in Himachal Pradesh duly pledged in the name of the under signed must accompany with each tender. The tender form will be issued to contractor giving proof of enlistment, GST, work done certificate, proof of machinery etc. Conditional tender and tender received without earnest money will be out rightly rejected. The offer of the tender shall be kept open for 90 days. The Executive Engineer reserves the right to reject any or all the tenders without assigning any reasons.

The draft NIT and other specifications and conditions of the tender can be seen by the contractors in the office of the under signed on any working day during the office hours.

	Name of work	Amount put to tender/ Estimated cost	Earnest Money	Cost of tender form	Eligible Class of Contractor	Time
1	Special repair to CHC Building Lad Bharol District Mandi (H.P). (Sub Head:- Repair of Roof).	₹ 2,74,700/-	₹ 5,500/-	₹ 350/-	Class "D"	Three months
2	Construction of link road Bagla Bagoda Hard Ropri to village Gahru.. (Sub Head:- Providing and laying Kharanja stone soling and cement concrete pavement at Km. 0/150 to 0/228).	₹ 2,62,555/-	₹ 5,300/-	₹ 350/-	Class "D"	Three months
3	Construction of road from Bhager road to join with Ropri road. (Sub Head:- Providing and laying GSB, wearing grade-II and tarring at Km. 0/00 to 0/190).	₹ 4,91,916/-	₹ 9,800/-	₹ 350/-	Class "D"	Three months
4	A/R & M/O link road to village Samoun Jarehar Langna Km. 0/0 to 2/0. (Sub Head:- Construction of retaining wall at Km. 0/675 to 0/690).	₹ 2,59,524/-	₹ 5,200/-	₹ 350/-	Class "D"	Three months
5	Construction of Bharan Panjalag Kanharg Fagla link road Km. 0/0 to 3/240. (Sub Head:- Back filling behind crate wall at Km. 3/175 to 3/240).	₹ 70,274/-	₹ 1,400/-	₹ 350/-	Class "D"	Two months.
6	A/R & M/O HP.PWD. Gang Hut at Neri. (Sub Head:- Providing and fixing Galvanized M.S. wire and angle)	₹ 1,81,983/-	₹ 3,600/-	₹ 350/-	Class "D"	Three months
7	Construction of Traimbli Papoltu road. (Sub Head:- Construction of 900mm dia hume pipe culvert at Km. 0/800).	₹ 2,83,669/-	₹ 5,700/-	₹ 350/-	Class "D"	Three months
8	Construction & M/T of Jeepable link road village Nihari Balh to Pihar Bhandu. (Sub Head:- Providing and laying WBM Grade-I at Km. 0/0 to 0/150).	₹ 1,29,153/-	₹ 2,600/-	₹ 350/-	Class "D"	Three months
9	Construction link road from Khaddar to Kolang via Rahad. (Sub Head:- Providing and laying WBM Grade-I, G-II and premix carpet and seal coat at Km. 0/00 to 0/100).	₹ 2,86,564/-	₹ 5,700/-	₹ 350/-	Class "D"	Three months
10	Construction of Govt. Sen. Sec. School building at Langna District Mandi (H.P). (Sub Head:- Providing and fixing Door shutter, window & Grill fixing).	₹ 87,385/-	₹ 1,700/-	₹ 350/-	Class "D"	Two months
11	Construction & M/T on main road to SC Basti Badartu (Simus) Km. 0/0 to 1/0. (Sub Head:- Providing and laying kharanja stone soling and cement concrete pavement at Km. 0/200 to 0/300).	₹ 2,09,716/-	₹ 4,200/-	₹ 350/-	Class "D"	Three months
12	Improvement of 800 mtr. Utpur Barol road. (Sub Head:- Providing and laying cement concrete pavement at Km. 0/00 to 0/053)	₹ 1,30,204/-	₹ 2,600/-	₹ 350/-	Class "D"	Three months

13	Construction and M/T on link road to village Jahnu Km. 0/0 to 1/0. (Sub Head:- Construction of retaining wall at Km. 0/255 to 0/270).	₹ 3,49,438/-	₹ 7,000/-	₹ 350/-	Class "D"	Three months
14	Construction of link road Golwan to Karsal Km. 0/0 to 1/0. (Sub Head:- Providing and laying kharanja stone soling and cement concrete pavement at Km. 0/291 to 0/361, earth filling in Km. 0/350 to 0/386 and construction of wire crate at Km. 0/365 to 0/380).	₹ 4,01,025/-	₹ 8,000/-	₹ 350/-	Class "D"	Three months
15	Restoration of rain damages on Ghatta Bag road Km. 0/0 to 4/500. (Sub Head:- Construction of retaining wall at Km. 2/737.25 to 2/739.75).	₹ 93,371/-	₹ 1,900/-	₹ 350/-	Class "D"	Two months
16	Restoration of rain damages on Basalan Jalar Lahla road Km. 0/0 to 7/0. (Sub Head:- Construction of retaining wall at Km. 4/955 to 4/961.50).	₹ 1,54,641/-	₹ 3,100/-	₹ 350/-	Class "D"	Three months
17	Construction of link road from Gharoo to Kaleharoo. (Sub Head:- Providing and laying kharanja stone soling and cement concrete pavement at Km. 0/150 to 0/182).	₹ 97,101/-	₹ 1,900/-	₹ 350/-	Class "D"	Two months
18	Construction of link road Mortan to Bagla School up to Balhi Passar road Km. 0/0 to 1/500. (Sub Head:- Construction of retaining wall at Km. 1/315 to 1/323).	₹ 3,03,336/-	₹ 6,100/-	₹ 350/-	Class "D"	Three months
19	A/R & M/O various road under Joginder Nagar Division HP.PWD Joginder Nagar. (Sub Head:- Consultancy for sub structure design and drawing of 80.00 mtr. Span Motor able bridge over Binwa Khad at Bharan).	₹ 4,50,000/-	₹ 9,000/-	₹ 350/-	Class "D"	Three months
20	A/R & M/O on various road under Lad Bharol Sub Division HPPWD Lad Bharol. (Sub Head:- Preparation of DPR of Chhir-Bhyotu-Balh- Rahar- Rangra-Sarhoon-Kalehru-Antola-Gadiyara-Chouk-Galu road Km. 0/0 to 12/0).	₹ 99,600/-	₹ 2,000/-	₹ 350/-	Class "D"	Three months
21	A/R & M/O link road harizan Basti Kotla road Km. 0/0 to 1/500. (Sub Head:- Construction of breast wall at Km. 0/825 to 0/837 and construction of retaning wall at Km. 0/850 to 0/862).	₹ 3,76,764/-	₹ 7,500/-	₹ 350/-	Class "D"	Three months
22	A/R & M/O Bhaila to Lower Bhaila road. (Sub Head:- Construction of retaining wall at Km. 0/200 to 0/225).	₹ 3,40,786/-	₹ 6,800/-	₹ 350/-	Class "D"	Three months
23	Restoration of rain damages on Balotu to Gwaila road Km. 0/0 to 4/0. (Sub Head:- Construction of retaining wall at km. 3/335 to 3/345).	₹ 1,81,098/-	₹ 3,600/-	₹ 350/-	Class "D"	Three months
24	Improvement of Sanda Makan road Km. 0/0 to 3/0. (Sub Head:- Construction of breast wall at Km. 1/220 to 1/235)	₹ 2,33,055/-	₹ 4,700/-	₹ 350/-	Class "D"	Three months
25	Construction of Canteen block & Hall at Govt. Degree College Joginder Nagar District Mandi (H.P). (Sub Head:- Construction of retaining wall at Km. 0/024 to 0/033). Canteen side	₹ 99,175/-	₹ 2,000/-	₹ 350/-	Class "D"	One month
26	Improvement of Black spot on Gagal Bhaghar road Km. 0/0 to 7/0 (Sub Head:- Construction of "W" Metal Beam crash Barrier at Km. 5/510 to 5/540).	₹ 1,15,032/-	₹ 2,300/-	₹ 350/-	Class "D"	Three months
27	Construction of link road to village Khalanu (Sub Head:- Providing and laying of Kharanja stone soling and cement concrete pavement at Km. 0/223 to 0/268	₹ 2,22,039/-	₹ 4,400/-	₹ 350/-	Class "D"	Three months
28	A/R & M/O of link road to village Samoun Jarehar Langna Km. 0/0 to 2/0 (Sub Head:- Construction of retaining wall at Km. 1/615 to 1/625).	₹ 1,85,430/-	₹ 3,700/-	₹ 350/-	Class "D"	Three months
29	Restoration of rain damages on Lad-Bharol Outpur Sandhapattan road Km. 0/0 to 10/0 (Sub Head:- Construction of retaining wall at Km. 0/050 to 0/060).	₹ 3,36,699/-	₹ 6,700/-	₹ 350/-	Class "D"	Three months
30	Restoration of rain damages on Lad-Bharol Outpur Sandhapattan road Km. 0/0 to 10/0 (Sub Head:- Construction of retaining wall at Km. 2/075 to 2/087).	₹ 3,16,474/-	₹ 6,300/-	₹ 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/2022-23-

14088-96

Dated:- 25-8-2022

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

70650-1

Name of Work : Special Repair of CHC Building Lad Bharol Distt. Mandi (H.P.)
(SH: Repair of Roof)

Sr. No.	Description of work	No. or Qty.	Unit	Estimate Cost:		
				Figures	Rate Words	AMOU Rs.
1	Providing 2nd class deodar wood work in trusses, purlins, rafters, posts, post plates, wall plates and the like wrought framed, hoisted 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.	0.86	Per cubic meter			
2	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.	110.76	Per square metre			
Total						



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

Job No 2

SCHEDULE OF QUANTITY

Name of Work- Construction of Link road Bagla Bagoda Hard Ropri to Village Gahrva.
 (Sub Head:- Providing and Laying Kharanja Stone Soling and Cement Concrete Pavement at km 0/150 to 0/228)

Sr. No.	Description of work	No. or Qty.	Unit	Estimate Cost:	
				Earnest Money: Time Limit :	2,62,55,33 Three Mo
1	Stone soling properly handpacked filling interstices with Kharanja stone and consolidating with power road roller to the requested gradient and comber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD specification. 100 mm (one hundred millimeter) spread thickness (finished work including materials and labour) and to the entire satisfaction and direction of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation in all leads, lifts and other incidental complete in all respect.	33.78	Per Cubic metre	Figures	Rate
				Words	AMOUNT Rs. P
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.	28.15	Per Cubic metre		
Total					


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

SCHEDULE OF QUANTITY


706 No 3

Name of Work : Construction of Road from Bhagher road Join with Ropri Road
(S.H. : Providing and laying Granular Sub Base, Wearing G-II and Tarring at km 0/00 to 0/190)

Estimate Cost: 4,91,9
Earnest Money: 9,8
Time Limit : Three M

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUN 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.	638.40	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.	638.40	Per square metre			
3	Construction of granular sub-base by providing well graded material, spreading in uniform layers with Tractor mount grader on prepared surface, mixing by mix in place method with retavator at OMC. and compacting with smooth wheel roller to achieve the desired density, complete as per technical specification clause 405 complete within all leads, lifts, carriage of material and other incidentals charges.	63.84	Per cubic metre			
4	Providing, laying, spreading and compacting stone aggregates by manual means of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN (eighty-hundred kilo newton) static roller in stages to proper grade and camber applying and brooming, stone screening/ binding materials to fillup the interstics of course aggregate watering and compacting to the required density Grading-2 (two) as per technical specification clause 405 complete within all leads, lifts, carriage of material and other incidentals charges.	45.15	Per cubic metre			
5	Providing and applying primer/tack with bituminous primer (VG-10) 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.	598.50	Per square metre			

	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
6	Providing, laying and rolling by mechanical means bitumen (VG-10) 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 at the rate of 1.46 (one point four six) kilogramme per square metre to required line, grade and level to surer 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 kilonewton) static roller capacity, finished 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 with in all leads and lifts by all modes of transportation.	598.50	Per square metre			
7	Providing and laying seal coat Type-B by mechanical means sealing the voids in a bituminous surface laid to the specified levels, grade and crossfall using Bitumen (VG-10) at the rate of 0.68 (zero point six eight) kilogramme per square metre as per technical specification Clause 510 including hauling of material with in all leads and lifts by all modes of transportation.	598.50	Per square metre			
	Total					


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

SCHEDULE OF QUANTITY


Job No-4

Name of Work : HR 675 link road to Village Samoun Jarehar Langna km 0/00 to 2/00
(SH: Construction of Retaining wall at km 0/675 to 0/690)

Estimate Cost: 2,59,524.0
Earnest Money: 5,200.0
Time Limit : Three Month

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost .	19.05	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 Retaining walls Breast walls , 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 .	44.77	Per cubic metre			

No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
3	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of 1 (V): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge.	14.00	Each			
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.	12.60	Per cubic metre			
	Total					


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


SCHEDULE OF QUANTITY

70620-5

Name of Work : Construction of Bharan Panjalag Kanarg Fagla Link km 0/00 to 3/240.
(SH: Back filling behind wire crate wall at km 3/175 to 3/240)

Estimate Cost: 70,274.0
Earnest Money: 1,400.0
Time Limit : Two Month

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	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.	80.02	Per cubic metre			
Total						


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

SCHEDULE OF QUANTITY


706 No - 6

Name of work : A/R & M/O HP.PWD. Gang Hut at Neri.
(SH: Providing and Fixing Galvanized M.S. Wire and Angle)

Estimate Cost: 1,81,9
Earnest Money: 3,6
Time Limit :
Three M

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUN Rs. I
				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.	1.76	Per cubic metre			
2	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/mm ² with cement contents not less than of 330kg/m ³ (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.	1.76	Per cubic metre			
3	Structural steel work in single section, fixed with or without connecting plate,including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete as per the direction of Engineer-in-charge. 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.	637.56	Per Kilogramme			

Description of work	No. or Qty.	Unit	Rate		AMOUN Rs. P
			Figures	Words	
4 Providing & fixing fly proof Stainless steel (grade 304) wire gauze of 0.5 mm (zero point five millimeter) dia wire and 1.4 mm (one point four millimeter) aperture on both sides to windows, clerestory windows & doors with M.S. Flat 15x3 mm and nuts & bolts complete as per the direction of Engineer-in-charge. 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.	106.70	Per Square Metre			
Total					


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

SCHEDULE OF QUANTITY

Job No 7


Name of Work : Construction of Trembali Paplotu Road.

(Sub Head:- Construction of 900mm dia Hume Pipe Culvert at km 0/800)

Estimate Cost: 2,83,669
Earnest Money: 5,700
Time Limit : Three Mon

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 .	41.03	Per cubic metre			
2	Providing and laying concrete for plain / reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 & 1203. Plain cement concrete nominal mix 1:4:8 (one cement : four sand : eight graded stone aggregate 40mm (forty millimetre) nominal size) complete within all leads, lifts carriage of material and other incidentals.	4.43	Per cubic metre			
3	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete Grade M-10 complete within all leads, lifts carriage of material and other incidentals.	10.44	Per cubic metre			

No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
4	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			
5	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.	7.00	Per running metre			
6	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.	25.55	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.	12.00	Each			
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.	9.48	Per cubic metre			
	Total					


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


SCHEDULE OF QUANTITY

708420 8

Name of Work : Construction & M/T on Jeepable link road Village Nehari Bath to Pihari Bhadlu
(Sub Head:- Providing and laying w.B.M. Grade-I at km 0/00 to 0/150)

Estimate Cost: 1,29,150
Earnest Money: 2,600
Time Limit : Three Mo

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.	472.50	Per square metre			
2	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and re-rolling the sub grade complete as per HPPWD Specifications complete within all leads, lifts, carriage of material and other incidentals charges.	472.50	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 coarse 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.	47.25	Per cubic metre			
Total						


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

SCHEDULE OF QUANTITY


Job No 5

Name of Work : Construction of Link Road from Khadar to Kolang via Rahad
(S.H. : Providing and laying W&M G-I, G-II and Premix Carpet and Seal Coat at km 0/00 to 0/100)

Estimate Cost: 2,86,56
Earnest Money: 5,74
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.	336.00	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.	336.00	Per square metre			
3	Providing, laying, spreading and compacting stone aggregates by manual means of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN (eighty-hundred kilo newton) static roller in stages to proper grade and camber applying and brooming, stone screening/ binding materials to fillup the interstics of course aggregate watering and compacting to the required density Grading-1 (one) as per technical specification clause 405 complete within all leads, lifts, carriage of material and other incidentals charges.	33.60	Per cubic metre			
4	Providing, laying, spreading and compacting stone aggregates by manual means of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN (eighty-hundred kilo newton) static roller in stages to proper grade and camber applying and brooming, stone screening/ binding materials to fillup the interstics of course aggregate watering and compacting to the required density Grading-2 (two) as per technical specification clause 405 complete within all leads, lifts, carriage of material and other incidentals charges.	23.63	Per cubic metre			
5	Providing and applying primer/tack with bituminous primer (V-G-10) 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.	315.00	Per square metre			

No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
6	Providing, laying and rolling by mechanical means bitumen (VG-10) 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 at the rate of 1.46 (one point four six) kilogramme per square metre to required line, grade and level to surve as wearing couase 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, finished to required level and grades to be followed by seal coat of Type-B as per technical sepcification 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 with in all leads and lifts by all modes of transportation.	315.00	Per square metre			
7	Providing and laying seal coat Type-B by mechanical means sealing the voids in a bituminous surface laid to the sepcified levels, grade and crossfall using Bitumen (VG-10) at the rate of 0.68 (zero point six eight) kilogramme per square metre as per technical specification Clause 510 including hauling of material with in all leads and lifts by all modes of transportation.	315.00	Per square metre			
	Total					


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

SCHEDULE OF QUANTITY


706 No (10)

Name of work : Construction of Govt. Sr. Sec. School Building at Langna Distt. Mandi (H.P.)
(SH: Providing and fixing Door Shutter, Window & Grill Fixing)

Estimate Cost: 87,3
Earnest Money: 1,7
Time Limit : Two M

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs.
				Figures	Words	
1	Providing and fixing panelled or panelled and glazed 35mm (thirty five millimeter) shutters in Second class teak wood for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. 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.	3.20	Per Square Metre			
3	Providing and fixing glazed 35mm (thirty five millimeter) shutters in Second class teak wood for doors, windows and clerestory windows using 4 mm (four millimeter) thick float glass panes, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws complete as per PWD specification. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	13.75	Per Square Metre			
4	Providing and fixing M.S. grills fixed to steel windows by welding of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete complete as per PWD specification. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	137.50	Per Kilogram			
5	Providing and fixing 300x16mm (Three hundred by sixteen millimeter) size anodized aluminium sliding door bolt anodized colour and shade with bolts and nuts screws etc. complete as per PWD specification. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	2.00	Each			
6	Providing and fixing 250x10mm (Two hundred fifty by ten millimeter) size aluminium tower bolts (berrel type) anodized trans parent or dyed to required shade and colour with screws etc. complete as per PWD specification. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	4.00	Each			
7	Providing and fixing 100x10mm (one hundred by ten millimeter) size aluminium tower bolts (berrel type) anodized trans parent or dyed to required shade and colour with screws etc. complete as per PWD specification. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	40.00	Each			

Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. I
			Figures	Words	
8 Providing and fixing anodized aluminium handle anodized transparent or dyed to required shade or colour with necessary screws etcetera complete. 125mm (one hundred twenty five millimeter) size as per PWD specification. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	4.00	Each			
9 Providing and fixing anodized aluminium handle anodized transparent or dyed to required shade or colour with necessary screws etcetera complete. 75mm (Seventy five millimeter) size as per PWD specification. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	20.00	Each			
10 Providing Second class teak wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately) as per PWD specification. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	0.031	Per cubic metre			
Total					



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

205610 11

SCHEDULE OF QUANTITY

Name of Work- Construction & M/T on Main Road to SC Basti Badartu (Simus) km 0/00 to 1/00.
(Sub Head:- Providing and Laying Kharanja Stone Soling and Cement Concrete Pavement at km 0/200 to 0/300)

Sr. No.	Description of work	No. or Qty.	Unit	Estimate Cost:		
				Figures	Rate Words	AMOUN Rs.
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.	47.25	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.	15.75	Per Cubic metre			
Total						


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

SCHEDULE OF QUANTITY

Name of Work- Improvement of 800 mtr. Uipur Bharol Road
(Sub Head:- Providing and Laying Cement Concrete Pavement at km 0/00 to 0/53)

Sr. No.	Description of work	No. or Qty.	Unit	Estimate Cost:		
				Figures	Rate	AMOUN
					Words	Rs. 1
1	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.	19.48	Per Cubic metre			
Total						

256 x 10 12

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

Job No 13


SCHEDULE OF QUANTITY

Name of Work : Construction & M/T of Link road to Village Jahnun km 0/00 to 1/00
(SH: Construction of Retaining wall at km 0/255 to 0/270)

Sr. No.	Description of work	No. or Qty.	Unit	Estimate Cost: 3,49,438		
				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.	31.90	Per cubic metre			
2	Providing and laying cement concrete 1:5:10(one cement: five sand:ten graded crushed / broken stone aggregate 40 mm (forty millimeters) nominal size) plums and curing complete including the cost of form work in Retaining walls Breast walls, 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.	62.25	Per cubic metre			

Earnest Money: 7,000
Time Limit : Three Months

Sl. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
3	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of 1 (V): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge .	28.00	Each			
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.	8.25	Per cubic metre			
	Total					


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

SCHEDULE OF QUANTITY

Name of Work- Construction of Link road Golwan to Karsal km 0/00 to 1/00

(Sub Head:- Providing and Laying Kharanja Stone Soling and Cement Concrete Pavement at km 0/291 to 0/361, Earth filling at km 0/350 to 0/386 and Construction of Wire Crate at km 0/365 to 0/380)

Sr. No.	Description of work	No. or Qty.	Unit	Estimate Cost:		
				Figures	Rate	AMOUN
					Words	Rs. I
1	Stone soling properly handpacked filling interstices with Kharanja stone and consolidating with power road roller to the requested gradient and comber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD specification. 100 mm (one hundred millimeter) spread thickness (finished work including materials and labour) and to the entire satisfaction and direction of Engineer - in-Charge including hauling /carriage of materials to various location through all modes of transportation in all leads, lifts and other incidental complete in all respect.	36.75	Per Cubic metre			
2	Construction of un-reinforced cement concrete pavement as per design and drawing with expension and construction joints, over a prepared sub base, with 43 (forty three) grade cement as per technical clause and specifications M-20 (twenty) grade course and fine aggregate conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm (twenty five millimetre) mixed in a concrete mixer of not less than 0.2 cum (zero point two cubic metre) capacity including form work with steel channels and plates and entire carriage of material with in all leads and lifts complete as per the direction of Engineer-in-charge.	24.50	Per Cubic metre			
3	Construction of embankment with approved material obtained from borrow pits with a lift 1.5mts transporting to site , spreading, grading to required slope and compacting to meet requirement of table 300.1 and 300.2 with a lead upto 1000m as per Technical Specification Clause 301.5 including carriage of material and other incidentals.	52.80	Per cubic metre			
4	Providing and laying of boulder apron laid in wire crates with 4mm (four millimetre) diameter G.I. wire conforming to IS: 280 and IS: 4826 in 100mm x 100mm (one hundred millimetre into one hundred millimetre) mesh (woven diagonally) including 10% (ten percent) extra for laps and joints laid with stones boulders weighting not less than 25 Kg. (twenty five kilogram) each as per drawing and technical specifications clause 1301 complete within all leads, lifts, carriage of material and other incidentals.	46.87	Per Cubic metre			
Total						

505 No 14

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

SCHEDULE OF QUANTITY


Job No 15

Name of Work : Restoration of Rain Damages on Ghatta Bag Road Km 0/00 to 4/500
(SH : Construction of Retaining wall at km 2/737.25 to 2/739.75)

Estimate Cost: 93,371
Earnest Money: 1,900
Time Limit : Two 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 .	4.13	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 Retaining walls Breast walls , in or under water complete including, pumping or bailing out water ,dewatering removal of slush as required at site which may arisen at the time of laying under water complete for all heights/depths including cost of form work as per drawings and MORD technical specifications section 800, 900,1200 & 1600 and as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals .	16.63	Per cubic metre			

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
3	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of 1 (v): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge .	4.00	Each			
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.	5.78	Per cubic metre			
	Total					


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

SCHEDULE OF QUANTITY


Job No 16

Name of Work : Restoration of Rain Damages on Basalan Jalar Lahla Road km 0/00 to 7/00
(SH: Construction of Retaining wall at km 4/955 to 4/961.50)

Estimate Cost: 1,54,641
Earnest Money: 3,100.
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 .	7.98	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 Retaining walls Breast walls , 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 .	27.26	Per cubic metre			

No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
3	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of 1 (v): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge .	7.00	Each			
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.	10.53	Per cubic metre			
Total						


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

SCHEDULE OF QUANTITY

Job No 17

Name of Work- Construction of link road from Gharoo to Kaleharoo

(Sub Head:- Providing and Laying Kharanja Stone Soling and Cement Concrete Pavement at km 0/150 to 0/182)

Sr. No.	Description of work	No. or Qty.	Unit	Estimate Cost:		AMOUNT Rs. P
				Figures	Rate Words	
1	Stone soling properly handpacked filling interstices with Kharanja stone and consolidating with power road roller to the requested gradient and comber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD specification. 100 mm (one hundred millimeter) spread thickness (finished work including materials and labour) and to the entire satisfaction and direction of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation in all leads, lifts and other incidental complete in all respect.	15.12	Per Cubic metre			
2	Construction of un-reinforced cement concrete pavement as per design and drawing with expansion and construction joints, over a prepared sub base, with 43 (forty three) grade cement as per technical clause and specifications M-20 (twenty) grade course and fine aggregate conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm (twenty five millimetre) mixed in a concrete mixer of not less than 0.2 cum (zero point two cubic metre) capacity including form work with steel channels and plates and entire carriage of material with in all leads and lifts complete as per the direction of Engineer-in-charge.	9.60	Per Cubic metre			
Total						

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

SCHEDULE OF QUANTITY


Job No. 18

Name of Work : Construction of Link road Mortan to Bagla School upto Balhi Passar road km 0/00 to 1/500
(SH: Construction of Retaining wall at km 1/315 to 1/323)

Estimate Cost: 3,03,336
Earnest Money: 6,100
Time Limit : Three Mon

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 .	28.76	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 Retaining walls Breast walls, 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 .	52.66	Per cubic metre			

No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
3	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of 1 (V): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge.	21.00	Each			
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.	15.84	Per cubic metre			
	Total					


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


SCHEDULE OF QUANTITY

7th Mo 19

Name of Work: A/R & M/O Various Roads Under Joginder Nagar Division HPPWD Joginder Nagar
(SH:Consultancy for Sub Structure design & Drawing of 80.00 mtr. Span Motorable Bridge over Binwa
Khad at Bhuran)

Estimate Cost: 4,50,000
Earnest Money: 9,000
Time Limit : Three Months

Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs.
				Figures	Words	
1	To Prepare and Submit Design and structural drawings of sub structure complete in all respect, as per approved GAD including proof checking from competent authority. If any correction/ amendment has desire by higher office may may be corrected as desire by Engineer-in-charge and also got approved from competent authority of PWD. After approval 5 (five) set of the same should be submitted in fair shape complete within all leads, lifts carriage of material and other incidentals. The rate shall include all taxes including G.S.T. levy by the Govt. time to time.	1.00	Lum Sum per Job			
Total						


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

SCHEDULE OF QUANTITY

20801020

Name of Work: A/R & M/O on various road under Lad Bharol Sub-Division HPPWD, Lad Bharol (SH:SH: Preparation of DPR of Chhbir Bhyot Balh Rohar Rangra Sarhoor Kalihru Antola Gadiyara Chowk Galu Road km 0/00 to 12/00)

Estimate Cost: 99, Earnest Money: 2, Time Limit : Three M

Sr. No	Description of work	No. or Qty.	Unit	Rate			AMOU Rs.
				Figures	Words		
1	Survey and investigation for preparation of manuscript copy of detailed estimate of new / existing road such as L-section, X-Section, Plan, Cross drainage work , bridge work, retaining wall, breast wall and other necessary provisions taken in the estimate preparation of detailed estimate including got checking of the same in higher office and after that preparation of fair shape DPR along with drawing in 5 (five) set and got through from higher office for onward submission to NABARD. The rate shall include all taxes including G.S.T. levy by the Govt. time to time.	12.00	Per Kilometer				
Total							

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

SCHEDULE OF QUANTITY


Job No 21

Name of Work : A/R & M/O link road Harizan Basti Kotla road km 0/00 to 1/500
(SH: Construction of Breast wall at km 0/825 to 0/837 & Retaining wall at km 0/850 to 0/862)

Estimate Cost: 3,76,764
Earnest Money: 7,500
Time Limit : Three Mon

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.	13.20	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 .	24.36	Per cubic metre			

Sl. 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 Retaining walls Breast walls , 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 .	66.12	Per cubic metre			
4	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of 1 (v): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge .	34.00	Each			
5	Back filling behind abutment wing wall and return wall complete as per Drawing and technical specifications clause 1204.3.8 Granular material complete within all leads, lifts carriage of material and other incidentals.	5.76	Per cubic metre			
	Total					


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

Job No 22


SCHEDULE OF QUANTITY

Name of Work : A/R & M/O Bhaila to Lower Bhaila Road
(SH: Construction of Retaining wall at km 0/200 to 0/225)

Estimate Cost: 3,40,786.00
Earnest Money: 6,800.00
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 .	27.88	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 Retaining walls Breast walls , 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 .	59.00	Per cubic metre			

Sl. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
3	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of 1 (v): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge.	23.00	Each			
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.	21.75	Per cubic metre			
Total						


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

706 No 23

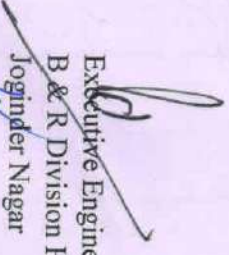
SCHEDULE OF QUANTITY

Name of Work :Restoration of Rain Damages on Balotu to Gwaila Road km 0/00 to 4/00
(SH: Construction of Reatining wall at km 3/335 to 3/345)

Estimate Cost: 1,81,098.
Earnest Money: 3,600.
Time Limit : Three Month

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost .	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 Retaining walls Breast walls , 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			

No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
3	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of 1 (v): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge .	18.00	Each			
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.	5.70	Per cubic metre			
Total						


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

SCHEDULE OF QUANTITY


Name of Work :Improvement of Sandha Makan Road Km 0/00 to 3/00.
(SH: Construction of Breast Wall at Km 1/220 to 1/235)

Estimate Cost: 2,33,05
Earnest Money: 4,700
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.	168.15	Per cubic metre			
2	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost .	13.80	Per cubic metre			

7064024

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 Retaining walls Breast walls , in or under water complete including, puniping 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 .	37.95	Per cubic metre			
4	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of 1 (v): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge .	15.00	Each			
Total						


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

Schedule of Quantity

Name of work: Construction of Canteen block & Hall at Govt. Degree college Joginder Nagar Distt. Mandi (H.P.) (Sub head:- Construction of retaining wall at RD 0/024 to 0/033)
 Canteen side

Estimated Cost:- Rs. 99173.00
 Earnest Money:- Rs. 2000.00
 Time:- 06 Months

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.	13.50			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.	40.35			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.	18.00			Per cubic metre	
4	Providing weep hole in brick masonry/ stone masonry / plain reinforced concrete abutment , wing wall, return wall with 100mm dia.(one hundred millimetre diameter) PVC pipe extending through the full width of the structures with slope of 1V:20H (one vertical isto twenty horizontal) towards drawing face complete as per drawing and technical specifications clauses 614,709,1204.3.7 including carriage of material and other incidentals.	21.00			Each	
					Total	

Executive Engineer
 B & R Division HPPW
 Joginder Nagar (H.P.)

SCHEDULE OF QUANTITY


Job No (26)

Name of Work : Improvement of Balck Spot on Gagal Bhagher Road km 0/00 to 7/00
(SH: Construction of "W" Metal Beam Crash Barrier at km 5/510 to 5/540)

Estimate Cost: 1,15,032
Earnest Money: 2,300
Time Limit : Three Mon

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 .	2.23	Per cubic metre			
4	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete 1:2:4 (one cement : two sand : four graded/crushed stone aggregate 40mm (forty millimetre) nominal size) curing complete within all leads, lifts carriage of material and other incidentals.	2.43	Per cubic metre			

No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
6	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.	30.00	Per Running Meter			
	Total					


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

SCHEDULE OF QUANTITY

Name of Work : Construction of Link Road to Village Khalanu

(S.H. : Providing and laying of Kharanja Stone Soling and Cement Concrete pavement at km 0/223 to 0/268)

Sr. No.	Description of work	No. or Qty.	Unit	Estimate Cost:		
				Figures	Rate Words	AMOUNT Rs.
1	Stone soling properly handpacked filling interstices with Kharanja stone and consolidating with power road roller to the requested gradient and comber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD specification. 100 mm (one hundred millimeter) spread thickness (finished work including materials and labour) and to the entire satisfaction and direction of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation in all leads, lifts and other incidental complete in all respect.	33.00	Per cubic metre			
2	Construction of un-reinforced cement pavement as per design and drawing with expension and construction joints, over a prepared sub base, with 43 (forty three) grade cement as per technical clause and specifications M-20 (twenty) grade course and fine aggregate conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm (twenty five millimetre) mixed in a concrete mixer of not less than 0.2 cum (zero point two cubic metre) capacity including form work with steel channels and plates and entire carriage of material with in all leads and lifts complete as per the direction of Engineer-in-charge.	22.00	Per Cubic metre			
Total						

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

Job No 27

SCHEDULE OF QUANTITY


Job No 28

Name of Work : ~~At Road~~ Link road to Village Samoun Jarehar Langna km 0/00 to 2/00
(SH: Construction of Retaining wall at km 1/615 to 1/625)

Estimate Cost: 1,85,430
Earnest Money: 3,700
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.	13.60	Per cubic metre			
2	Providing and laying cement concrete 1:3:10(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 Retaining walls Breast walls , 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	31.70	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.	6.10	Per cubic metre			

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,
 Joginder Nagar

SCHEDULE OF QUANTITY


5600 29

Name of Work : Restoration of Rain Damages on Lad Bharol Outpur Sandapattan Road km 0/00 to 10/00.
(SH: Construction of Retaining wall at km 0/050 to 0/060)

Estimate Cost: 3,36,699
Earnest Money: 6,700
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.	25.30	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 Retaining walls Breast walls, 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.	52.95	Per cubic metre			

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
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.	15.30	Per cubic metre			
4	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of 1 (v): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge.	20.00	Each			
Total						


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

SCHEDULE OF QUANTITY

Job No (30)

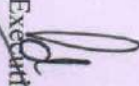
Name of Work : Restoration of Rain Damages on Lad Bharol Outpur Sandapattan Road km 0/00 to 10/00.
(SH: Construction of Retaining wall at km 2/075 to 2/087)

Estimate Cost:
Earnest Money:
Time Limit :

3,16,747
6,300
Three Mon

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 .	22.62	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 Retaining walls Breast walls , in or under water complete including, pumping or bailing out water ,dewatering removal of slush as required at site which may arisen at the time of laying under water complete for all heights/depths including cost of form work as per drawings and MORD technical specifications section 800, 900,1200 & 1600 and as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals .	49.99	Per cubic metre			

No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
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.	15.24	Per cubic metre			
4	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of 1 (v): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge .	15.00	Each			
Total						


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