



"NOTICE INVITING TENDER"

Sealed item rate tender for the following works are hereby invited by the Executive Engineer, B&R Division HP.PWD., Joginder Nagar District Mandi (H.P) from the eligible contractors of the appropriate class registered in HP.PWD. as per revised enlistment rules so as to reach in the office of under signed on **21/09/2022** 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 **19/09/2022** up to **10.00 A.M. to 12:30 P.M.** and tender form can be had from this office on **20/09/2022** 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	Providing way side facility on Dul Banar Galu road Km. 0/0 to 5/0. (Sub Head:- Construction of rain shelter at village Galu Km. 4/300).	₹ 1,70,618/-	₹ 3,400/-	₹ 350/-	Class "D"	Three months
2	Providing way side facility on Sandhapattan Bharol Ropari Basahi Kun Ka Tar road (MDR-57) Km. 0/0 to 85/0. (Sub Head:- Construction of rain shelter at Km. 51/230).	₹ 1,72,296/-	₹ 3,400/-	₹ 350/-	Class "D"	Three months
3	Construction of road from Chardunal to Langha via Fegdu. (Sub Head:- Formation cutting in Km. 0/0 to 0/120 & Km. 0/220 to 0/355).	₹ 2,65,020/-	₹ 5,300/-	₹ 350/-	Class "D"	Three months
4	Providing way side facility on Machhyal Bhararu Bihun road Km. 0/0 to 11/0. (Sub Head:- Construction of rain shelter at near GSSS Bihun at Km. 9/480).	₹ 1,71,200/-	₹ 3,400/-	₹ 350/-	Class "D"	Three months
5	Construction of road from Chardunal to Fegru house of Sh. Damodar Dass Parmod Kumar Vijay Kumar G.P. Bhararu. (Sub Head:- Formation cutting in Km. 2/720 to 2/848).	₹ 1,88,475/-	₹ 3,800/-	₹ 350/-	Class "D"	Three months
6	Construction of various NABARD works under Joginder Nagar Division HPPWD Joginder Nagar. (Sub Head:- Purchase of Computer with UPS in budget section in circle office against contingency of NABARD works)	₹ 59,000/-	₹ 1,200/-	₹ 350/-	Class "D"	Two months
7	Providing way side facility on Dhelu to Bhatehar road Km. 0/0 to 13/400. (Sub Head:- Construction of rain shelter at Sainthal at Km. 5/050).	₹ 1,70,072/-	₹ 3,400/-	₹ 350/-	Class "D"	Three months
8	Providing way side facility on Bhadyara to Dhanyatar road Km. 0/0 to 3/500. (Sub Head:- Construction of rain shelter at Dhanyatar at Km. 1/700).	₹ 1,70,072/-	₹ 3,400/-	₹ 350/-	Class "D"	Three months
9	A/R & M/O link road to village Majhwar. (Sub Head:- Construction of retaining wall at Km. 0/495 to 0/505).	₹ 1,33,458/-	₹ 2,700/-	₹ 350/-	Class "D"	Three months
10	Construction of Nichla Bhadyara to Panjalter Km. 0/0 to 1/500. (Sub Head:- Formation cutting in Km. 0/0 to 0/075).	₹ 1,47,754/-	₹ 3,000/-	₹ 350/-	Class "D"	Three months
11	Providing way side facility on Joginder Nagar Sarkaghat Ghumarwin road (MDR-79) Km. 0/0 to 34/300. (Sub Head:- Construction of rain shelter at Km. 6/650).	₹ 1,70,478/-	₹ 3,400/-	₹ 350/-	Class "D"	Three months
12	Construction of various road under Joginder Nagar sub division (Harabag Section). (Sub Head:- Construction of retaining wall on Shanani Harabag road at Km. 1/480 to 1/490)	₹ 3,11,369/-	₹ 6,200/-	₹ 350/-	Class "D"	Three months

13	Construction of link road from Drubbal to Traimbli Banoun Km. 0/0 to 2/900. (Sub Head:- Balance work of 3.00 mtr. Span RCC slab culvert at Km. 0/465). (Sub Work:- Construction of wing wall at Km. 0/452 to 0/460)	₹ 2,77,582/-	₹ 5,600/-	₹ 350/-	Class "D"	Three months
14	A/R & M/O to HPPWD Division office building at Joginder Nagar District Mandi (H.P). (Sub Head:- Providing and fixing Dormer window in roofing)	₹ 68,743/-	₹ 1,400/-	₹ 350/-	Class "D"	Two months
15	Additional Accommodation for GHS building at Drahal Tehsil Joginder Nagar under RMSA (Sub Head:- Balance work of slab).	₹ 3,59,115/-	₹ 7,200/-	₹ 350/-	Class "D"	Three months
16	A/R & M/O Bhala Ka Rihra Tikru road Km. 0/0 to 2/600. (Sub Head:- Construction of breast wall at Km. 0/785 to 0/802).	₹ 2,18,484/-	₹ 4,400/-	₹ 350/-	Class "D"	Three months
17	Providing way side facility on link rod to Charbhuj Mata Temple Km. 0/0 to 1/0. (Sub Head:- Construction of rain shelter at Ladwan at Km. 0/0).	₹ 1,26,328/-	₹ 2,500/-	₹ 350/-	Class "D"	Three months
18	Construction & M/T of road from Banain link to Jalpa Mata Temple up to village Bagla Km. 0/0 to 2/500. (Sub Head:- Formation cutting in Km. 0/0 to 0/600).	₹ 4,08,489/-	₹ 8,200/-	₹ 350/-	Class "D"	Three months
19	Balance work of Govt. Sen. Sec. School Bihun. (Sub Head:- Providing and fixing MS grill, boundary wall thereof).	₹ 3,11,340/-	₹ 6,200/-	₹ 350/-	Class "D"	Three months
20	A/R & M/O Shanan Harabag road Km. 0/0 to 0/0 to 1/850. (Sub Head:- Providing and laying wearing G-II, Built up spray grout and bituminous concrete for patch work at various reaches between Km. 1/400 to 1/850).	₹ 2,87,752/-	₹ 5,800/-	₹ 350/-	Class "D"	Two months
21	C/O & M/T of link road to village Rada Km. 0/0 to 0/700. (Sub Head:- Providing and laying WBM Grade-II at Km. 0/020 to 0/370)	₹ 1,97,583/-	₹ 4,000/-	₹ 350/-	Class "D"	Three months

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

Interest

Terms and conditions:-

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

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

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

No. PW-JND-B&R-EA-I/NIT/Press/2022-23-

15213-22

Dated:- 8-9-2022

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

Job No-2


Name of Work : Providing way side facility on Dull Banar Galu road km. 0/0 to 5/0.
(Sub Head:- Construction of rain shelter at village Galu Km. 4/300.)

Estimate Cost: 1,70,6
Earnest Money: 3,4
Time Limit : Three M

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Excavation in foundation, trenches etcetera in earth work involving all classification of soil such as pick work, pick jumper work, blasting work, soft or hard rocks including chiseling/wedging out of rocks where blasting work is prohibited or any other mixed variety of intermediate soil, dewatering and removal of slush if arisen during course of construction and lifts upto all heights including stacking the excavated soil not more than three meters clear from the edge of the excavation and then returning the stacked soil in 15 cm (fifteen centimeters) thick layers when required into plinths, sides of foundation etcetera consolidating each deposited layer by ramming and watering and then disposing of all surplus excavation earth within all leads, lifts by any mode of transportation and other incidental, as per the direction and entire satisfaction of Engineer-In-Charge. Any loss to the private and public property during course of construction shall be absolute responsibility of the contractor.	7.20	Per cubic metre			
2	Providing form work with steel plates of 3.15mm (three decimal one five millimeter) thick, welded with angle iron in frames of 30x30x5mm (thirty into thirty into five millimeter) so as to give a fair finish including centring, shuttering strutting and propping etc, with wooden battens and ballies for all heights/depts of propping and centring below supporting floor to ceiling and removal of the same for in-situ reinforced concrete and plain concrete work in foundation,. Footings bases of columns and mass concrete. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	3.60	Per square metre			
3	Providing form work with steel plates of 3.15mm (three decimal one five millimeter) thick, welded with angle iron in frames of 30x30x5mm (thirty into thirty into five millimeter) so as to give a fair finish including centring, shuttering strutting and propping etc, with wooden battens and ballies for all heights/depts of propping and centring below supporting floor to ceiling and removal of the same for in-situ reinforced concrete and plain concrete work in flat surfaces such as soffits of suspended floors roofs, landings and the like floor etc. 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	4.02	Per Square metre			
4	Providing and laying cement concrete 1:6:12 (One cement isto six sand isto twelve aggregate) graded crushed/broken stone aggregate 40mm (forty millimeter) nominal size mechanically mixed and curing complete, excluding cost of form work in foundation and plinth. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	1.22	Per cubic metre			

No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
5	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.	0.49	Per cubic metre			
6	Providing mild steel/For steel reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level as per drawing and technical specification as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	22.40	Per Kilogram			
7	Random rubble masonry/polygonal rubble masonry (uncoursed/brought to courses) with hard stone of approved quality in foundation and plinth including leveling up with cement concrete 1:6:12 (one cement : six sand : twelve graded stone aggregate 20mm (twenty) millimeter nominal size mechanical mixed in cement mortar 1:6 (one cement six sand) including curring and carriage of material within all leads and lifts complete in all respect as per direction of Engineer in Charge.	5.54	Per cubic metre			
8	Second class brick work using common burnt clay building bricks in cement mortar 1:6 (one cement isto six sand) in foundation and plinth as per PWD specification including curring and carriage of material within all leads and lifts complete in all respect as per direction of Engineer in Charge. The rate is including octroi, royalty, GST, toll tax, Sale Tax or other taxes imposed by the government.	2.83	Per cubic metre			
9	Boulder filling of selected hard dry stone hand packed tightly under floor as per the direction of Engineer-In-Charge including carriage of materials within all leads and lifts complete in all respect.	0.56	Per cubic metre			
10	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.	10.95	Per square metre			

	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs.
				Figures	Words	
10.						
11	Providing and fixing ridges or hips 60cm (sixty centimetre) overall with 0.63mm (zero point six three millimetre) thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheets with top coat of regular modified polyester organic coating of 20 (twenty) microns over 5 (five) microns primer coating plus back coat of polyester of 5 (five) microns over 5 (five) microns primer coating including fixing with screws prepainted iron J or L hooks, bolts and nuts 6mm (six millimetre) diameter with prepainted GI limpet and bitumen washers complete with all accessories as required as per the direction of Engineer-In-Charge including carriage of material within all leads and lifts complete in all respect.	9.48	Per running metre			
12	Providing and fixing MS BP sheet 1.66mm to 2mm (one point six six millimetre to two millimetre) thick in eaves board/facia/soffit/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-In-Charge (Base members of steel work shall be measured & paid separately) including carriage of materials within all leads, lifts and other incidental charges.	4.38	Per square metre			
13	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position in beams, joists, channels, angles, tee, flats with connecting plates or angle cleats as in main and cross beams, hip and jack rafters, purlins connected to common rafters and the like work including cutting, hoisting, fixing in position & applying a priming coat of red lead paint complete including entire carriage of materials within all leads and lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	275.72	Per Kilogram			
14	Steel work in built up Hot finished welded type tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete including entire carriage of materials within all leads and lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	115.00	Per Kilogram			
15	Painting two or more coats (excluding priming costs) on new steel and other metal surfaces with enamel paint to give an even shade including cleaning the surfaces of all dirt, dust and other foreign matters 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.	16.37	Per square metre			
16	40mm (forty millimetre) thick cement concrete flooring 1:2:4 (one cement : two sand : four graded/crushed crushed stone aggregate 20mm (twenty millimetre) nominal size) laid in one layer finished with a floating coat of neat cement complete in all respect including curing complete and carriage of materials within all leads and lifts.	8.10	Per square metre			
	Total					


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

SCHEDULE OF QUANTITY

Job No-2


Name of Work : Providing way side facility on Sandapattan Bharol Ropari Bashai Kun Ka Tar road (MDR-57) km. 0/0 to 85/0.

(Sub Head:- Construction of rain shelter at Km. 51/230)

St. No.	Description of work	No. or Qty.	Unit	Rate		Estimate Cost: Earnest Money: Time Limit :	AMOUNT Rs.
				Figures	Words		
1	Excavation in foundation, trenches etcetera in earth work involving all classification of soil such as pick work, pick jumper work, blasting work, soft or hard rocks including chiseling/wedging out of rocks where blasting work is prohibited or any other mixed variety of intermediate soil, dewatering and removal of slush if arisen during course of construction and lifts upto all heights including stacking the excavated soil not more than three meters clear from the edge of the excavation and then returning the stacked soil in 15 cm (fifteen centimeters) thick layers when required into plinths, sides of foundation etcetera consolidating each deposited layer by ramming and watering and then disposing of all surplus excavation earth within all leads, lifts by any mode of transportation and other incidental, as per the direction and entire satisfaction of Engineer-In-Charge. Any loss to the private and public property during course of construction shall be absolute responsibility of the contractor.	7.20	Per cubic metre				
2	Providing form work with steel plates of 3.15mm (three decimal one five millimeter) thick, welded with angle iron in frames of 30x30x5mm (thirty into thirty into five millimeter) so as to give a fair finish including centring, shuttering strutting and propping etc, with wooden battens and ballies for all heights/depts of propping and centring below supporting floor to ceiling and removal of the same for in-situ reinforced concrete and plain concrete work in foundation,. Footings bases of columns and mass concrete. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	3.60	Per square metre				
3	Providing form work with steel plates of 3.15mm (three decimal one five millimeter) thick, welded with angle iron in frames of 30x30x5mm (thirty into thirty into five millimeter) so as to give a fair finish including centring, shuttering strutting and propping etc, with wooden battens and ballies for all heights/depts of propping and centring below supporting floor to ceiling and removal of the same for in-situ reinforced concrete and plain concrete work in flat surfaces such as soffits of suspended floors roofs, landings and the like floor etc. 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	4.02	Per Square metre				
4	Providing and laying cement concrete 1:6:12 (One cement isto six sand isto twelve aggregate) graded crushed/broken stone aggregate 40mm (forty millimeter) nominal size mechanically mixed and curing complete, excluding cost of form work in foundation and plinth. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	1.22	Per cubic metre				

	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
5	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.	0.49	Per cubic metre			
6	Providing mild steel/Tor steel reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level as per drawing and technical specification as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals .	22.40	Per Kilogram			
7	Random rubble masonry/polygonal rubble masonry (uncoursed/brought to courses) with hard stone of approved quality in foundation and plinth including leveling up with cement concrete 1:6:12 (one cement : six sand : twelve graded stone aggregate 20mm (twenty) millimeter nominal size mechanical mixed in cement mortar 1:6 (one cement six sand) including curing and carriage of material within all leads and lifts complete in all respect as per direction of Engineer in Charge.	5.54	Per cubic metre			
8	Second class brick work using common burnt clay building bricks in cement mortar 1:6 (one cement isto six sand) in foundation and plinth as per PWD specification including curring and carriage of material within all leads and lifts complete in all respect as per direction of Engineer in Charge. The rate is including octroi, royalty, GST, toll tax, Sale Tax or other taxes imposed by the government.	2.83	Per cubic metre			
9	Boulder filling of selected hard dry stone hand packed tightly under floor as per the direction of Engineer-In-Charge including carriage of materials within all leads and lifts complete in all respect.	0.56	Per cubic metre			
10	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.	10.95	Per square metre			

	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
11	Providing and fixing ridges or hips 60cm (sixty centimetre) overall with 0.63mm (zero point six three millimetre) thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheets with top coat of regular modified polyester organic coating of 20 (twenty) microns over 5 (five) microns primer coating plus back coat of polyester of 5 (five) microns over 5 (five) microns primer coating including fixing with screws prepainted iron J or L hooks, bolts and nuts 6mm (six millimetre) diameter with prepainted GI limpet and bitumen washers complete with all accessories as required as per the direction of Engineer-In-Charge including carriage of material within all leads and lifts complete in all respect.	9.48	Per running metre			
12	Providing and fixing MS BP sheet 1.66mm to 2mm (one point six six millimetre to two millimetre) thick in eaves board/facia/soffits/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-In-Charge (Base members of steel work shall be measured & paid separately) including carriage of materials within all leads, lifts and other incidental charges.	4.38	Per square metre			
13	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position in beams, joists channels, angles, tee, flats with connecting plates or angle cleats as in main and cross beams, hip and jack rafters, purlins connected to common rafters and the like work including cutting hoisting fixing in position & applying a priming coat of red lead paint complete including entire carriage of materials within all leads and lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	275.72	Per Kilogram			
14	Steel work in built up Hot finished welded type tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete including entire carriage of materials within all leads and lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	115.00	Per Kilogram			
15	Painting two or more coats (excluding priming costs) on new steel and other metal surfaces with enamel paint to give an even shade including cleaning the surfaces of all dirt, dust and other foreign matters 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.	16.37	Per square metre			
16	40mm (forty millimeter) thick cement concrete flooring 1:2:4 (one cement : two sand : four graded/crushed crushed stone aggregate 20mm (twenty millimeter) nominal size) laid in one layer finished with a floating coat of neat cement complete in all respect including curing complete and carriage of materials within all leads and lifts.	8.10	Per square metre			
	Total					


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

SCHEDULE OF QUANTITY

506N0-3

Name of Work : Construction of Road from Chardunal to Langha via Fegdu
(SH: Formation Cutting in km 0/00 to 0/120, 0/220 to 0/355)

Sr. No.	Description of work	No. or Qty.	Unit	Estimate Cost:		AMOUNT Rs. P
				Figures	Rate Words	
1	Cutting in earth work in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper and blasting work both in soft and hard rock with chiseling wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out time to the required line, grades, side slopes trimming bottoms and level as shown in the drawing as per the direction of Engineer-In-Charge at site as per technical specification clause 1603.1, 1603.2 and sorting out useful/un-useful materials and stacking the same in all leads and lifts in acquired width of the road and transportation of un-useful materials for filling in road ways camber embankments for grades improvements and disposal of all un-useful materials to required width of the road or on approved dumping sites through all modes of transportation including head load or animal transport or mechanical means along with its leveling fine dressing and carriage of all labour machineries, materials, tools equipments and safety measures and incidentals necessary to complete the work by mechanized means and or labour if required all useful materials such as stones, shingles, aggregates, land slates shall be sorted out and stacked along road side. Any loss to the public/private property during the course of execution shall be absolute responsibility of the contractor which shall be duly compensated by him in all cases.	1328.55	Per cubic metre			
2	Less credit for excavated rock found suitable for use, the recovery of useful rock shall be done on pro-rata basis in each running bill for item No,1	53.14	Per cubic metre	300.00	Rupees Three Hundred Only	-15,942.00
Total						

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

SCHEDULE OF QUANTITY

Job No - 4

Name of Work : Providing way side facility on Machhyal Bhararu Bihun road km. 0/0 to 11/0.
(Sub Head:- Construction of rain shelter Near GSSS Bihun at Km. 9/480)

Estimate Cost: 1,71,23,400
Earnest Money: 3,40,000
Time Limit : Three Months

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT
				Figures	Words	
1	Excavation in foundation, trenches etcetera in earth work involving all classification of soil such as pick work, pick jumper work, blasting work, soft or hard rocks including chiseling/wedging out of rocks where blasting work is prohibited or any other mixed variety of intermediate soil, dewatering and removal of slush if arisen during course of construction and lifts upto all heights including stacking the excavated soil not more than three meters clear from the edge of the excavation and then returning the stacked soil in 15 cm (fifteen centimeters) thick layers when required into plinths, sides of foundation etcetera consolidating each deposited layer by ramming and watering and then disposing of all surplus excavation earth within all leads, lifts by any mode of transportation and other incidental, as per the direction and entire satisfaction of Engineer-In-Charge. Any loss to the private and public property during course of construction shall be absolute responsibility of the contractor.	7.20	Per cubic metre			
2	Providing form work with steel plates of 3.15mm (three decimal one five millimeter) thick, welded with angle iron in frames of 30x30x5mm (thirty into thirty into five millimeter) so as to give a fair finish including centring, shuttering strutting and propping etc, with wooden battens and ballies for all heights/depths of propping and centring below supporting floor to ceiling and removal of the same for in-situ reinforced concrete and plain concrete work in foundation,. Footings bases of columns and mass concrete. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	3.60	Per square metre			
3	Providing form work with steel plates of 3.15mm (three decimal one five millimeter) thick, welded with angle iron in frames of 30x30x5mm (thirty into thirty into five millimeter) so as to give a fair finish including centring, shuttering strutting and propping etc, with wooden battens and ballies for all heights/depths of propping and centring below supporting floor to ceiling and removal of the same for in-situ reinforced concrete and plain concrete work in flat surfaces such as soffits of suspended floors roofs, landings and the like floor etc. 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	4.02	Per Square metre			
4	Providing and laying cement concrete 1:6:12 (One cement isto six sand isto twelve aggregate) graded crushed/broken stone aggregate 40mm (forty millimeter) nominal size mechanically mixed and curing complete, excluding cost of form work in foundation and plinth. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	1.22	Per cubic metre			

	Description of work	No. or Qty.	Unit	Rate		AMOUN Rs. P
				Figures	Words	
5	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.	0.49	Per cubic metre			
6	Providing mild steel/Tor steel reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level as per drawing and technical specification as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	22.40	Per Kilogram			
7	Random rubble masonry/polygonal rubble masonry (uncoursed/brought to courses) with hard stone of approved quality in foundation and plinth including leveling up with cement concrete 1:6:12 (one cement : six sand : twelve graded stone aggregate 20mm (twenty) millimeter nominal size mechanical mixed in cement mortar 1:6 (one cement six sand) including curring and carriage of material within all leads and lifts complete in all respect as per direction of Engineer in Charge.	5.54	Per cubic metre			
8	Second class brick work using common burnt clay building bricks in cement mortar 1:6 (one cement isto six sand) in foundation and plinth as per PWD specification including curring and carriage of material within all leads and lifts complete in all respect as per direction of Engineer in Charge. The rate is including octroi, royalty, GST, toll tax, Sale Tax or other taxes imposed by the government.	2.83	Per cubic metre			
9	Boulder filling of selected hard dry stone hand packed tightly under floor as per the direction of Engineer-In-Charge including carriage of materials within all leads and lifts complete in all respect.	0.56	Per cubic metre			
10	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.	10.95	Per square metre			

Sl. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
11	Providing and fixing ridges or hips 60cm (sixty centimetre) overall with 0.63mm (zero point six three millimetre) thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheets with top coat of regular modified polyester organic coating of 20 (twenty) microns over 5 (five) microns primer coating plus back coat of polyester of 5 (five) microns over 5 (five) microns primer coating including fixing with screws prepainted iron J or L hooks, bolts and nuts 6mm (six millimetre) diameter with prepainted GI limpet and bitumen washers complete with all accessories as required as per the direction of Engineer-In-Charge including carriage of material within all leads and lifts complete in all respect.	9.48	Per running metre			
12	Providing and fixing MS BP sheet 1.66mm to 2mm (one point six six millimetre to two millimetre) thick in eaves board/facia/soffits/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-In-Charge (Base members of steel work shall be measured & paid separately) including carriage of materials within all leads, lifts and other incidental charges.	4.38	Per square metre			
13	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position in beams, joists, channels, angles, tee flats with connecting plates or angle cleats as in main and cross beams, hip and jack rafters, purlins connected to common rafters and the like work including cutting, hoisting, fixing in position & applying a priming coat of red lead paint complete including entire carriage of materials within all leads and lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	275.72	Per Kilogram			
14	Steel work in built up Hot finished welded type tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolting with special shaped washers etc. complete including entire carriage of materials within all leads and lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	115.00	Per Kilogram			
15	Painting two or more coats (excluding priming costs) on new steel and other metal surfaces with enamel paint to give an even shade including cleaning the surfaces of all dirt, dust and other foreign matters complete as per PWD specification. The rates are inclusive cost and carriage of materials within all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	16.37	Per square metre			
16	40mm (forty millimeter) thick cement concrete flooring 1:2:4 (one cement : two sand : four graded/crushed crushed stone aggregate 20mm (twenty millimeter) nominal size) laid in one layer finished with a floating coat of neat cement complete in all respect including curing complete and carriage of materials within all leads and lifts.	8.10	Per square metre			
	Total					

Executive Engineer

B & R Division HP.PWD,

Joginder Nagar


SCHEDULE OF QUANTITY

Name of Work : Construction of Road from Chardunaul to Fegru House of Sh. Damodar Dass Parmod Kumar Vijay
Kumar G.P. Bhararu

(SH: Formation Cutting in km 2/720 to 2/848)

Estimate Cost: 1,88,475.
Earnest Money: 3,800.
Time Limit : Three Months

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Cutting in earth work in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper and blasting work both in soft and hard rock with chiseling wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out time to the required line, grades, side slopes trimming bottoms and level as shown in the drawing as per the direction of Engineer-In-Charge at site as per technical specification clause 1603.1, 1603.2 and sorting out useful/un-useful materials and stacking the same in all leads and lifts in acquired width of the road and transportation of un-useful materials for filling in road ways camber embankments for grades improvements and disposal of all un-useful materials to required width of the road or on approved dumping sites through all modes of transportation including head load or animal transport or mechanical means along with its leveling fine dressing and carriage of all labour machineries, materials, tools equipments and safety measures and incidentals necessary to complete the work by mechanized means and or labour if required all useful materials such as stones, shingles, aggregates, land slates shall be sorted out and stacked along road side. Any loss to the public/private property during the course of execution shall be absolute responsibility of the contractor which shall be duly compensated by him in all cases.	944.87	Per cubic metre			
2	Less credit for excavated rock found suitable for use, the recovery of useful rock shall be done on pro-rata basis in each running bill for item No.1	37.79	Per cubic metre	300.00	Rupees Three Hundred Only	-11,337.00
	Total					


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

SCHEDULE OF QUANTITY

Job No 6

Name of work : Construction of Various NABARD Works Under Joginder Nagar Division HP.PWD Joginder Nagar (SH: Purchase of Computer with UPS in Budget Section in Circle office against contingency of NABARD Works)

Estimate Cost: 59,000
Earnest Money: 1,200
Time Limit : Two Months

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Supplying of HP Computer Desktop system i3 processor , 4 GB RAM 1 TB Hard Disk 18.5" LED Display etc. including GST, toll tax, Sale Tax or other taxes imposed by the government.	1.00	Each			
2	Supplying of Microtek UPS 600VA Single Bat. including GST, toll tax, Sale Tax or other taxes imposed by the government.	1.00	Each			
Total						


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

SCHEDULE OF QUANTITY

766 No - 7

Name of Work : Providing way side facility on Dhelu Bhatehar road km. 0/0 to 13/400.

(Sub Head:- Construction of rain shelter at Sainthal Km. 5/050)

Sr. No.	Description of work	No. or Qty.	Unit	Estimate Cost:		AMOUN Rs.
				Figures	Rate Words	
1	Excavation in foundation, trenches etcetera in earth work involving all classification of soil such as pick work, pick jumper work, blasting work, soft or hard rocks including chiseling/wedging out of rocks where blasting work is prohibited or any other mixed variety of intermediate soil, dewatering and removal of slush if arisen during course of construction and lifts upto all heights including stacking the excavated soil not more than three meters clear from the edge of the excavation and then returning the stacked soil in 15 cm (fifteen centimeters) thick layers when required into plinths, sides of foundation etcetera consolidating each deposited layer by ramming and watering and then disposing of all surplus excavation earth within all leads, lifts by any mode of transportation and other incidental, as per the direction and entire satisfaction of Engineer-In-Charge. Any loss to the private and public property during course of construction shall be absolute responsibility of the contractor.	7.20	Per cubic metre			
2	Providing form work with steel plates of 3.15mm (three decimal one five millimeter) thick, welded with angle iron in frames of 30x30x5mm (thirty into thirty into five millimeter) so as to give a fair finish including centring, shuttering strutting and propping etc, with wooden battens and ballies for all heights/depts of propping and centring below supporting floor to ceiling and removal of the same for in-situ reinforced concrete and plain concrete work in foundation. Footings bases of columns and mass concrete. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	3.60	Per square metre			
3	Providing form work with steel plates of 3.15mm (three decimal one five millimeter) thick, welded with angle iron in frames of 30x30x5mm (thirty into thirty into five millimeter) so as to give a fair finish including centring, shuttering strutting and propping etc, with wooden battens and ballies for all heights/depts of propping and centring below supporting floor to ceiling and removal of the same for in-situ reinforced concrete and plain concrete work in flat surfaces such as soffits of suspended floors roofs, landings and the like floor etc. 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	4.02	Per Square metre			
4	Providing and laying cement concrete 1:6:12 (One cement isto six sand isto twelve aggregate) graded crushed/broken stone aggregate 40mm (forty millimeter) nominal size mechanically mixed and curing complete, excluding cost of form work in foundation and plinth. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	1.22	Per cubic metre			

Earnest Money:
Time Limit :

1,70,000
3,4
Three M

Sl. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs.
				Figures	Words	
5	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.	0.49	Per cubic metre			
6	Providing mild steel/Tor steel reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level as per drawing and technical specification as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	22.40	Per Kilogram			
7	Random rubble masonry/polygonal rubble masonry (uncoursed/brought to courses) with hard stone of approved quality in foundation and plinth including leveling up with cement concrete 1:6:12 (one cement : six sand : twelve graded stone aggregate 20mm (twenty) millimeter nominal size mechanical mixed in cement mortar 1:6 (one cement six sand) including curing and carriage of material within all leads and lifts complete in all respect as per direction of Engineer in Charge.	5.54	Per cubic metre			
8	Second class brick work using common burnt clay building bricks in cement mortar 1:6 (one cement isto six sand) in foundation and plinth as per PWD specification including curing and carriage of material within all leads and lifts complete in all respect as per direction of Engineer in Charge. The rate is including octroi, royalty, GST, toll tax, Sale Tax or other taxes imposed by the government.	2.83	Per cubic metre			
9	Boulder filling of selected hard dry stone hand packed tightly under floor as per the direction of Engineer-In-Charge including carriage of materials within all leads and lifts complete in all respect.	0.56	Per cubic metre			
10	Providing and fixing 0.60mm (zero point six zero millimetre) thick preprinted 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 preprinted iron J or L hooks, bolts and nuts 6mm (six millimetre) diameter with preprinted 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.	10.95	Per square metre			

	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs.
				Figures	Words	
11	Providing and fixing ridges or hips 60cm (sixty centimetre) overall with 0.63mm (zero point six three millimetre) thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheets with top coat of regular modified polyester organic coating of 20 (twenty) microns over 5 (five) microns primer coating plus back coat of polyester of 5 (five) microns over 5 (five) microns primer coating including fixing with screws prepainted iron J or L hooks, bolts and nuts 6mm (six millimetre) diameter with prepainted GI limpet and bitumen washers complete with all accessories as required as per the direction of Engineer-In-Charge including carriage of material within all leads and lifts complete in all respect.	9.48	Per running metre			
12	Providing and fixing MS BP sheet 1.66mm to 2mm (one point six six millimetre to two millimetre) thick in eaves board/facia/soffits/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-In-Charge (Base members of steel work shall be measured & paid separately) including carriage of materials within all leads, lifts and other incidental charges.	4.38	Per square metre			
13	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position in beams joists channels, angles, tee, flats with connecting plates or angle cleats as in main and cross beams, hip and jack rafters, purlins connected to common rafters and the like work including cutting hoisting fixing in position & applying a priming coat of red lead paint complete including entire carriage of materials within all leads and lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	275.72	Per Kilogram			
14	Steel work in built up Hot finished welded type tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete including entire carriage of materials within all leads and lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	115.00	Per Kilogram			
15	Painting two or more coats(excluding priming costs) on new steel and other metal surfaces with enamel paint to give an even shade including cleaning the surfaces of all dirt, dust and other foreign matters 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.	16.37	Per square metre			
16	40mm (forty millimeter) thick cement concrete flooring 1:2:4 (one cement : two sand : four graded/crushed crushed stone aggregate 20mm (twenty millimeter) nominal size) laid in one layer finished with a floating coat of neat cement complete in all respect including curing complete and carriage of materials within all leads and lifts.	8.10	Per square metre			
	Total					


 Executive Engineer
 B & R Division HP.PWD,
 Jodhpur Nagar
 2

SCHEDULE OF QUANTITY

506No-8

Name of Work : Providing way side facility on Bhagyara Dhanyatar road km. 0/0 to 3/500.


(Sub Head:- Construction of rain shelter at Dhanyatar Km. 1/700)

Estimate Cost: 1,70,000
Earnest Money: 3,400
Time Limit : Three Months

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT
				Figures	Words	
1	Excavation in foundation, trenches etcetera in earth work involving all classification of soil such as pick work, pick jumper work, blasting work, soft or hard rocks including chiseling/wedging out of rocks where blasting work is prohibited or any other mixed variety of intermediate soil, dewatering and removal of slush if arisen during course of construction and lifts upto all heights including stacking the excavated soil not more than three meters clear from the edge of the excavation and then returning the stacked soil in 15 cm (fifteen centimeters) thick layers when required into plinths, sides of foundation etcetera consolidating each deposited layer by ramming and watering and then disposing of all surplus excavation earth within all leads, lifts by any mode of transportation and other incidental, as per the direction and entire satisfaction of Engineer-In-Charge. Any loss to the private and public property during course of construction shall be absolute responsibility of the contractor.	7.20	Per cubic metre			
2	Providing form work with steel plates of 3.15mm (three decimal one five millimeter) thick, welded with angle iron in frames of 30x30x5mm (thirty into thirty into five millimeter) so as to give a fair finish including centring, shuttering strutting and propping etc, with wooden battens and ballies for all heights/depths of propping and centring below supporting floor to ceiling and removal of the same for in-situ reinforced concrete and plain concrete work in foundation,. Footings bases of columns and mass concrete. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	3.60	Per square metre			
3	Providing form work with steel plates of 3.15mm (three decimal one five millimeter) thick, welded with angle iron in frames of 30x30x5mm (thirty into thirty into five millimeter) so as to give a fair finish including centring, shuttering strutting and propping etc, with wooden battens and ballies for all heights/depths of propping and centring below supporting floor to ceiling and removal of the same for in-situ reinforced concrete and plain concrete work in flat surfaces such as soffits of suspended floors roofs, landings and the like floor etc. 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	4.02	Per Square metre			
4	Providing and laying cement concrete 1:6:12 (One cement isto six sand isto twelve aggregate) graded crushed/broken stone aggregate 40mm (forty millimeter) nominal size mechanically mixed and curing complete, excluding cost of form work in foundation and plinth. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	1.22	Per cubic metre			

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs.
				Figures	Words	
5	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.	0.49	Per cubic metre			
6	Providing mild steel/Tor steel reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level as per drawing and technical specification as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	22.40	Per Kilogram			
7	Random rubble masonry/polygonal rubble masonry (uncoursed/brought to courses) with hard stone of approved quality in foundation and plinth including leveling up with cement concrete 1:6:12 (one cement : six sand : twelve graded stone aggregate 20mm (twenty) millimeter nominal size mechanical mixed in cement mortar 1:6 (one cement six sand) including curring and carriage of material within all leads and lifts complete in all respect as per direction of Engineer in Charge.	5.54	Per cubic metre			
8	Second class brick work using common burnt clay building bricks in cement mortar 1:6 (one cement isto six sand) in foundation and plinth as per PWD specification including curring and carriage of material within all leads and lifts complete in all respect as per direction of Engineer in Charge. The rate is including octroi, royalty, GST, toll tax, Sale Tax or other taxes imposed by the government.	2.83	Per cubic metre			
9	Boulder filling of selected hard dry stone hand packed tightly under floor as per the direction of Engineer-In-Charge including carriage of materials within all leads and lifts complete in all respect.	0.56	Per cubic metre			
10	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) diametre with prepainted limpet and rubber washers complete with all accesories as required as per the direction of Engineer-In-Charge including carriage of material within all leads and lifts complete in all respect.	10.95	Per square metre			

No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
11	Providing and fixing ridges or hips 60cm (sixty centimetre) overall with 0.63mm (zero point six three millimetre) thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheets with top coat of regular modified polyester organic coating of 20 (twenty) microns over 5 (five) microns primer coating plus back coat of polyester of 5 (five) microns over 5 (five) microns primer coating including fixing with screws prepainted iron J or L hooks, bolts and nuts 6mm (six millimetre) diameter with prepainted GI limpet and bitumen washers complete with all accessories as required as per the direction of Engineer-In-Charge including carriage of material within all leads and lifts complete in all respect.	9.48	Per running metre			
12	Providing and fixing MS BP sheet 1.66mm to 2mm (one point six six millimetre to two millimetre) thick in eaves board/facia/soffits/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-In-Charge (Base members of steel work shall be measured & paid separately) including carriage of materials within all leads, lifts and other incidental charges.	4.38	Per square metre			
13	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position in beams joists channels, angles, tee, flats with connecting plates or angle cleats as in main and cross beams, hip and jack rafters, purlins, connected to common rafters and the like work including cutting hoisting fixing in position & applying a priming coat of red lead paint complete including entire carriage of materials within all leads and lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	275.72	Per Kilogram			
14	Steel work in built up Hot finished welded type tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete including entire carriage of materials within all leads and lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	115.00	Per Kilogram			
15	Painting two or more coats (excluding priming costs) on new steel and other metal surfaces with enamel paint to give an even shade including cleaning the surfaces of all dirt, dust and other foreign matters 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.	16.37	Per square metre			
16	40mm (forty millimeter) thick cement concrete flooring 1:2:4 (one cement : two sand : four graded/crushed crushed stone aggregate 20mm (twenty millimeter) nominal size) laid in one layer finished with a floating coat of neat cement complete in all respect including curing complete and carriage of materials within all leads and lifts.	8.10	Per square metre			
	Total					


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

SCHEDULE OF QUANTITY

Name of Work : A/R & M/O Link Road to Village Majhiwar
(SH; Construction of Reatining wall at km 0/495 to 0/505)

Job No 9

Sr. No.	Description of work	No. or Qty.	Unit	Estimate Cost:		
				Figures	Rate Words	AMOUNT Rs. P
1	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost .	7.55	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 .	23.54	Per cubic metre			

Estimate Cost: 1,33,458
Earnest Money: 2,700

Time Limit :

Three Mon

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.	5.90	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.	9.00	Each			
Total						


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

SCHEDULE OF QUANTITY

Job No 10

Name of Work : Construction of Nichla Bhadyara to Panjater km 0/00 to 1/500
(SH: Formation Cutting in km 0/00 to 0/075)

Sr. No.	Description of work	No. or Qty.	Unit	Estimate Cost:		AMOUNT Rs. P
				Figures	Rate Words	
1	Cutting in earth work in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper and blasting work both in soft and hard rock with chiseling wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out time to the required line, grades, side slopes trimming bottoms and level as shown in the drawing as per the direction of Engineer-In-Charge at site as per technical specification clause 1603.1, 1603.2 and sorting out useful/un-useful materials and stacking the same in all leads and lifts in acquired width of the road and transportation of un-useful materials for filling in road ways camber embankments for grades improvements and disposal of all un-useful materials to required width of the road or on approved dumping sites through all modes of transportation including head load or animal transport or mechanical means along with its leveling fine dressing and carriage of all labour machineries, materials, tools equipments and safety measures and incidentals necessary to complete the work by mechanized means and or labour if required all useful materials such as stones, shingles, aggregates, land slates shall be sorted out and stacked along road side. Any loss to the public/private property during the course of execution shall be absolute responsibility of the contractor which shall be duly compensated by him in all cases.	657.42	Per cubic metre			
2	Less credit for excavated rock found suitable for use, the recovery of useful rock shall be done on pro-rata basis in each running bill for item No,1	62.46	Per cubic metre	300.00	Rupees Three Hundred Only	-18,738.00
Total						

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

SCHEDULE OF QUANTITY

2020/0-11


Name of Work : Providing way side facility on Joginder Nagar Sarkaghat Ghumarwin road km. 0/0 to 34/300.
(Sub Head:- Construction of rain shelter at Km. 6/650)

Estimate Cost: 1,70,4
Earnest Money: 3,4
Time Limit : Three M

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs.
				Figures	Words	
1	Excavation in foundation, trenches etcetera in earth work involving all classification of soil such as pick work, pick jumper work, blasting work, soft or hard rocks including chiseling/wedging out of rocks where blasting work is prohibited or any other mixed variety of intermediate soil, dewatering and removal of slush if arisen during course of construction and lifts upto all heights including stacking the excavated soil not more than three meters clear from the edge of the excavation and then returning the stacked soil in 15 cm (fifteen centimeters) thick layers when required into plinths, sides of foundation etcetera consolidating each deposited layer by ramming and watering and then disposing of all surplus excavation earth within all leads, lifts by any mode of transportation and other incidental, as per the direction and entire satisfaction of Engineer-In-Charge. Any loss to the private and public property during course of construction shall be absolute responsibility of the contractor.	7.20	Per cubic metre			
2	Providing form work with steel plates of 3.15mm (three decimal one five millimeter) thick, welded with angle iron in frames of 30x30x5mm (thirty into thirty into five millimeter) so as to give a fair finish including centring, shuttering strutting and propping etc, with wooden battens and ballies for all heights/depths of propping and centring below supporting floor to ceiling and removal of the same for in-situ reinforced concrete and plain concrete work in foundation. Footings bases of columns and mass concrete. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	3.60	Per square metre			
3	Providing form work with steel plates of 3.15mm (three decimal one five millimeter) thick, welded with angle iron in frames of 30x30x5mm (thirty into thirty into five millimeter) so as to give a fair finish including centring, shuttering strutting and propping etc, with wooden battens and ballies for all heights/depths of propping and centring below supporting floor to ceiling and removal of the same for in-situ reinforced concrete and plain concrete work in flat surfaces such as soffits of suspended floors roofs, landings and the like floor etc. 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	4.02	Per Square metre			
4	Providing and laying cement concrete 1:6:12 (One cement isto six sand isto twelve aggregate) graded crushed/broken stone aggregate 40mm (forty millimeter) nominal size mechanically mixed and curing complete, excluding cost of form work in foundation and plinth. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	1.22	Per cubic metre			

Sl. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
5	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.	0.49	Per cubic metre			
6	Providing mild steel/Tor steel reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level as per drawing and technical specification as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals ..	22.40	Per Kilogram			
7	Random rubble masonry/polygonal rubble masonry (uncoursed/brought to courses) with hard stone of approved quality in foundation and plinth including leveling up with cement concrete 1:6:12 (one cement : six sand : twelve graded stone aggregate 20mm (twenty) millimeter nominal size mechanical mixed in cement mortar 1:6 (one cement six sand) including curring and carriage of material within all leads and lifts complete in all respect as per direction of Engineer in Charge.	5.54	Per cubic metre			
8	Second class brick work using common burnt clay building bricks in cement mortar 1:6 (one cement isto six sand) in foundation and plinth as per PWD specification including curring and carriage of material within all leads and lifts complete in all respect as per direction of Engineer in Charge. The rate is including octroi, royalty, GST, toll tax, Sale Tax or other taxes imposed by the government.	2.83	Per cubic metre			
9	Boulder filling of selected hard dry stone hand packed tightly under floor as per the direction of Engineer-In-Charge including carriage of materials within all leads and lifts complete in all respect.	0.56	Per cubic metre			
10	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.	10.95	Per square metre			

Sl. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
11	Providing and fixing ridges or hips 60cm (sixty centimetre) overall with 0.63mm (zero point six three millimetre) thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheets with top coat of regular modified polyester organic coating of 20 (twenty) microns over 5 (five) microns primer coating plus back coat of polyester of 5 (five) microns over 5 (five) microns primer coating including fixing with screws prepainted iron J or L hooks, bolts and nuts 6mm (six millimetre) diameter with prepainted GI limpet and bitumen washers complete with all accessories as required as per the direction of Engineer-In-Charge including carriage of material within all leads and lifts complete in all respect.	9.48	Per running metre			
12	Providing and fixing MS BP sheet 1.66mm to 2mm (one point six six millimetre to two millimetre) thick in eaves board/facia/soffits/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-In-Charge (Base members of steel work shall be measured & paid separately) including carriage of materials within all leads, lifts and other incidental charges.	4.38	Per square metre			
13	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position in beams joists channels, angles, tee, flats with connecting plates or angle cleats as in main and cross beams, hip and jack rafters, putlins connected to common rafters and the like work including cutting hoisting fixing in position & applying a priming coat of red lead paint complete including entire carriage of materials within all leads and lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	275.72	Per Kilogram			
14	Steel work in built up Hot finished welded type tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete including entire carriage of materials within all leads and lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	115.00	Per Kilogram			
15	Painting two or more coats (excluding priming costs) on new steel and other metal surfaces with enamel paint to give an even shade including cleaning the surfaces of all dirt, dust and other foreign matters 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.	16.37	Per square metre			
16	40mm (forty millimeter) thick cement concrete flooring 1:2:4 (one cement : two sand : four graded/crushed crushed stone aggregate 20mm (twenty millimeter) nominal size) laid in one layer finished with a floating coat of neat cement complete in all respect including curing complete and carriage of materials within all leads and lifts.	8.10	Per square metre			
	Total					


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

SCHEDULE OF QUANTITY


5/6/16/12

Name of Work : Construction of Various road under Joginder Ngar Sub Division (Harabag Section)
(SH: Construction of Retaining Wall on Shanan Harabag Road at Km 1/480 to 1/490)

Estimate Cost: 3,11,365
Earnest Money: 6,200
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 .	26.55	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 .	52.90	Per cubic metre			
3	Back filling behind abutment wing wall and return wall complete as per Drawing and technical specifications clause 1204.3.8 Granular material complete within all leads, lifts carriage of material and other incidentals.	15.60	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.	30.00	Each			
Total						


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

706NO-13

SCHEDULE OF QUANTITY

Name of Work : Construction Link road from Drubbal to Traimbli Banoun km 0/00 to 2/900.


(SH: Balance wing wall for 3.00 mtr. Span Slab Culvert at 0/465)

(SW: Construction of wing wall at km 0/452 to 0/460)

Estimate Cost: 2,77,582.0
Earnest Money: 5,600.0
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 .	12.00	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 .	45.20	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.	24.80	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.	22.00	Each			
Total						


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

SCHEDULE OF QUANTITY

5060NB-14

Name of work : A/R & M/O to HPPWD Division office Building at Joginder Nagar District Mandi (H.P.)
(SH: Providing and Fixing Dormer Window in Roofing)

Estimate Cost: 68,77
Earnest Money: 1,40
Time Limit : Two Mo

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Providing and fixing steel glazed windows and ventilators of standerd rolled steel sections, joints mitred and welded with 16 x3.15mm (Sixteen by three point one five millimeter) lugs as required and iron fitting including providing and fixing of glass pans with gazing clips and special metal sesh putty of approved make complete including applying a priming coat of red lead paint all complete including entire carriage of materials within all leads and lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	29.53	Per Square meter			
Total						

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

SCHEDULE OF QUANTITY

206 No 15

Name of Work : Additional Accomodation for GHS Building at Drahah Tehsil Joginder Nagar Under RMISA
(Sub Head:- Balance Work of Slab)

Estimate Cost: 3,59,
Earnest Money: 7,
Time Limit : Three M

Sr. No	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs.
				Figures	Words	
1	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 such as suspended floors, roofs, landing and the like floor etc 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.	28.45	Per cubic metre			
2	Providing mild steel/Tor steel reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level as per drawing and technical specification as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals .	1220.95	Per Kilogram			
Total						

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

SCHEDULE OF QUANTITY

Name of Work : Providing way side facility on Link road to Chatarbhuja Mata Temple Km 0/00 to 1/00
(S.H. : Construction of Rain Shelter at Ladwan Km 0/00)

Estimate Cost: 1,26,328.
Earnest Money: 2,500.
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 .	0.91	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.	0.91	Per cubic metre			
3	Providing and fixing 0.60mm (zero point six zero millimetre) thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 (twenty) microns over 5 (five) microns primer coating to back coat of polyester 5 (five) microns over 5 (five) microns primer coating including fixing with screws prepainted iron J or L hooks, bolts and nuts 6mm (six millimetre) diameter with prepainted limpet and rubber washers complete with all accessories as required as per the direction of Engineer-In-Charge including carriage of material within all leads and lifts complete in all respect.	14.16	Per square metre			

30600%

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
4	Providing and fixing ridges or hips 60cm (sixty centimetre) overall with 0.63mm (zero point six three millimetre) thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheets with top coat of regular modified polyester organic coating of 20 (twenty) microns over 5 (five) microns primer coating plus back coat of polyester of 5 (five) microns over 5 (five) microns primer coating including fixing with screws and prepainted iron J or L hooks, bolts and nuts 6mm (six millimetre) diameter with prepainted GI limpet and bitumen washers complete with all accessories as required as per the direction of Engineer-In-Charge including carriage of material within all leads and lifts complete in all respect.	10.20	Per running metre			
5	Providing and fixing MS BP sheet 1.66mm to 2mm (one point six six millimetre to two millimetre) thick in eaves board/facia/soffits/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-In-Charge (Base members of steel work shall be measured & paid separately) including carriage of materials within all leads, lifts and other incidental charges.	4.38	Per square metre			
6	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position in beams joists channels, angles, tee, flats with connecting plates or angle cleats as in main and cross beams, hip and jack rafters, purlins connected to common rafters and the like work including cutting hoisting fixing in position & applying a priming coat of red lead paint complete including entire carriage of materials within all leads and lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	682.00	Per Kilogramme			
7	Painting two or more coats (excluding priming costs) on new steel and other metal surfaces with enamel paint to give an even shade including cleaning the surfaces of all dirt, dust and other foreign matters 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.	16.85	Per square metre			
8	40mm (forty millimeter) thick cement concrete flooring 1:2:4 (one cement : two sand : four graded/crushed crushed stone aggregate 20mm (twenty millimeter) nominal size) laid in one layer finished with a floating coat of neat cement complete in all respect including curing complete and carriage of materials within all leads and lifts.	8.10	Per square metre			
Total						

Executive Engineer

B & R Division HP.PWD,

Joginder Nagar

SCHEDULE OF QUANTITY


Job No 17

Name of Work : A/R & M/O Bhala Ka Rihra Tikroo Road km 0/00 to 2/600
(SH:Construction of Breast wall at km 0/785 to 0/802)

Estimate Cost: 2,18,48
Earnest Money: 4,40
Time Limit : Three Mo

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Excavation in soil in hilly area in all heights and depths and in all kind of soil by all means including saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil, setting out true to the required line, grades, width cutting and trimming of side slopes and level as shown on the drawing and as directed by the Engineer-in- Charge at site according to the M.O.R.D. technical specification section 1000 & 300 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of the road and transportation of useful material for filling in road ways, camber, embankments for grade improvements and disposal of all surplus material at approved dumping sites through all modes of transportation including head load or animals transport or mechanical means along with its leveling fine dressing and hauling /carriage of machineries, materials, tools equipments and safety measures. Any loss to the public / private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him at his own cost.	18.28	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 .	12.75	Per cubic metre			

S. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs.
				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.	40.12	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.	13.00	Each			
Total						


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


DNIT/ SCHEDULE OF QUANTITY

706 No - 18

Name of Work : Construction & M/T of Road from Baiaia link to Jalpa Mata Temple upto Village Bagla km 0/00 to 2/560 (SH: Formation Cutting in km 0/00 to 0/600)

Estimate Cost: 4,08,489
Earnest Money: 8,200
Time Limit : Three Mon

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Cutting in earth work in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper and blasting work both in soft and hard rock with chiseling wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out time to the required line, grades, side slopes trimming bottoms and level as shown in the drawing as per the direction of Engineer-In-Charge at site as per technical specification clause 1603.1, 1603.2 and sorting out useful/un-useful materials and stacking the same in all leads and lifts in acquired width of the road and transportation of un-useful materials for filling in road ways camber embankments for grades improvements and disposal of all un-useful materials to required width of the road or on approved dumping sites through all modes of transportation including head load or animal transport or mechanical means along with its leveling fine dressing and carriage of all labour machineries, materials, tools equipments and safety measures and incidentals necessary to complete the work by mechanized means and or labour if required all useful materials such as stones, shingles, aggregates, land slates shall be sorted out and stacked along road side. Any loss to the public/private property during the course of execution shall be absolute responsibility of the contractor which shall be duly compensated by him in all cases.	1898.44	Per cubic metre			
2	Less credit for excavated rock found suitable for use, the recovery of useful rock shall be done on pro-rata basis in each running bill for item No.1	102.51	Per cubic metre	300.00	Rupees Three Hundred Only	-30,753.00
	Total					


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

SCHEDULE OF QUANTITY

Job No 10

Name of work : Balance work of Govt. Sr. Sec. School Bihun
(SH: Providing and Fixing MS Grill, Boundary wall thereof)

Estimate Cost: 3,11,35
Earnest Money: 6,20

Time Limit : Three Mo

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. fixed to steel windows by welding including priming coat with approved steel primer all complete including entire carriage of materials within all leads and lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	580.61	Per kilo gram			
2	Excavation in foundation, trenches etcetera in earth work involving all classification of soil such as pick work, pick jumper work, blasting work, soft or hard rocks including chiseling/wedging out of rocks where blasting work is prohibited or any other mixed variety of intermediate soil, dewatering and removal of slush if arisen during course of construction and lifts upto all heights including stacking the excavated soil not more than three meters clear from the edge of the excavation and then returning the stacked soil in 15 cm (fifteen centimeters) thick layers when required into plinths, sides of foundation etcetera consolidating each deposited layer by ramming and watering and then disposing of all surplus excavation earth within all leads, lifts by any mode of transportation and other incidental, as per the direction and entire satisfaction of Engineer-In-Charge. Any loss to the private and public property during course of construction shall be absolute responsibility of the contractor. The rate is including octroi, royalty, GST, toll tax, Sale Tax or other taxes imposed by the government.	9.81	Per cubic metre			
3	Providing form work with steel plates of 3.15mm (three decimal one five millimeter) thick, welded with angle iron in frames of 30x30x5mm (thirty into thirty into five millimeter) so as to give a fair finish including centring, shuttering strutting and propping etc, with wooden battens and ballies for all heights/depths of propping and centring below supporting floor to ceiling and removal of the same for in-situ reinforced concrete and plain concrete work in Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc. 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	17.25	Per Square metre			
4	Providing and laying cement concrete work 1:3:6 (one Cement isto three Sand isto six graded stone aggregate twenty millimeter nominal size) and curing complete excluding cost of form work and reinforcement for reinforced concrete work in in retaining walls, return walls etc as per PWD specification including curring and carriage of material within all leads and lifts complete in all respect as per direction of Engineer in Charge.	20.61	Per cubic metre			

S.No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs.
				Figures	Words	
5	Second class brick work using common burnt clay building bricks in cement mortar 1:6 (one cement to six sand) in superstructure as per PWD specification including curing and carriage of material within all leads and lifts complete in all respect as per direction of Engineer in Charge. The rate is including octroi, royalty, GST, toll tax, Sale Tax or other taxes imposed by the government.	7.52	Per cubic metre			
	Total					


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

SCHEDULE OF QUANTITY

Job No 20


Name of Work : A/R & M/O Shanan Harabag Road km 0/00 to 1/850 (S.H. : Providing and laying Wearing G-II, Built up spray grout and Bitumenious Concrete for Patch Work at Various reaches between km 1/400 to 1/850)

Estimate Cost: 2,87,75
Earnest Money: 5,80
Time Limit :

Three Mo
AMOUNT
Rs. P

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Providing, laying, spreading and compacting stone aggregates by manual means of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN (eighty-hundred kilo newton) static roller in stages to proper grade and camber applying and brooming, stone screening/ binding materials to fillup the interstics of course aggregate watering and compacting to the required density Grading-3 (three) as per technical specification clause 405 complete within all leads, lifts, carriage of material and other incidentals charges.	13.28	Per cubic metre			
2	Providing, laying, spreading and rolling of built-up spray grout layer using bitumen VG-10 over prepared base by manual means consisting of a Double layer composite construction of crushed coarse aggregates using motor grader for aggregates. Key stone chips spreader may be used with application of bituminous binder after each layer, and with key aggregates placed on top of the second layer to serve as a base, conforming to the line, grades and cross-section specified, the compacted layer thickness being 75mm (Seventy five millimetre) as per Technical Specification, complete in all respect including haulage of material in all leads and lifts by all modes of transportation and as per the entire satisfaction and direction of Engineer-in-Charge.	141.60	Per square metre			
3	Providing and applying tack coat with bitumen emulsion conforming to IS:8887 (RS-1) using emulsion pressure distributor including preparing the surface and cleaning with mechanical broom on bituminous surface @ 0.250 kg/sqm (at the rate of zero point two five zero kilogramme per square metre) as per technical specification, complete in all respect including haulage of material in all leads and lifts by all modes of transportation and as per the entire satisfaction and direction of Engineer-in-Charge.	354.00	Per square metre			

Sl. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
4	Providing and Laying bituminous concrete 30mm (thirty millimetre) compacted thickness with bitumen of grade VG-10 (Ten) @ 5.50% (at the rate of five point five zero per cent) (percentage by weight of total mix) and lime filler @ 3% (three percentage) (percentage by weight of aggregate) prepared in Batch Type Hot Mix Plant of 100-120 (Hundred - one hundred twenty) TPH capacity by using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification, complete in all respect including haulage of material in all leads and lifts by all modes of transportation and as per the entire satisfaction and direction of Engineer-in-Charge.	10.62	Per cubic metre			
	Total					


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

SCHEDULE OF QUANTITY

Name of Work : Construction and M/T of Link Road to Village Rada km 0/00 to 0/700
(SH: Providing and laying WBM G-II at Km 0/020 to 0/370)

Job No 24

Sr. No.	Description of work	No. or Qty.	Unit	Estimate Cost:	
				Earnest Money: Time Limit :	Three M
Figures	Rate Words	AMOUNT Rs.			
1	Providing, laying, spreading and compacting stone aggregates by manual means of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN (eighty-hundred kilo newton) static roller in stages to proper grade and camber applying and brooming, stone screening/ binding materials to fillup the 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.	66.15	Per cubic metre		
Total					

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