



Office of
Executive Engineer B&R Division HP.PWD, Joginder Nagar
Himachal Pradesh Public Works Department, Mandi-175015
Phone & Fax No. 01908-222033 E-Mail:- ee-jog-hp@nic.in

"NOTICE INVITING TENDER"

Sealed item rate tender for the following works are hereby invited by the Executive Engineer, B&R Division HP.PWD, Joginder Nagar District Mandi (H.P.) from the eligible contractors of the appropriate class registered in HP.PWD, as per revised enlistment rules so as to reach in the office of under signed on 20-07-2024 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 on 19-07-2024 up to 10:00 A.M. to 12:30 P.M. and tender form can be had from this office on 18-07-2024 from 2.00 P.M. to 5.00 P.m. 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, Conditional tender and tender received without earnest money will be out rightly rejected. The offer of the tender shall be kept open for 75 days. The Executive Engineer reserves the right to reject any or all the tenders without assigning any reasons.

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

Sr. No.	Name of work	Amount put to tender/ Estimated cost	Earnest Money	Cost of tender form	Eligible Class of Contractor	Time
1	A/R & M/D on link road from Khuddar Harbanain road from Ladwankhad village to project road Dart Bagla km. 0/00 to 2/250 (SH:- Providing way side facility i.e. Construction of Rain Shelter at Bagla km. 1/705).	Rs.2,51,015/-	Rs.5,000/-	Rs.350/-	Class "D"	Three Months
2	Construction & M/T on Galu Bhatwari road to Village Badan & Changdhar (SH:- Formation cutting in km. 0/250 to 0/600)	Rs.4,70,646/-	Rs.9,600/-	Rs.350/-	Class "D"	Three Months
3	Construction & M/T on NH 154 to Village Bagicha Thulan km. 0/00 to 1/500 (SH:- Removal of formation Deficiency/ Formation Cutting in km. 0/180 to 0/510)	Rs.4,76,757/-	Rs.9,600/-	Rs.350/-	Class "D"	Three Months
4	Restoration of Rain Damages on link road from NH-154 to Village Gharan km. 0/00 to 1/200 (SH:- Construction of Retaining wall at km. 0/392 to 0/407).	Rs.4,96,805/-	Rs.9,900/-	Rs.350/-	Class "D"	Three Months
5	Restoration of Rain damages on Chauntra to Chaugan road km. 0/00 to 1/750 (SH:- Gro U-shape drain with edge wall at km. 1/250 to 1/335).	Rs.3,83,779/-	Rs.7,700/-	Rs.350/-	Class "D"	Three months
6	Construction & M/T on Sandha Maken Kalan to Fagla rod km. 0/00 to 4/500 (SH:- Formation cutting in km. 0/180 to 1/385).	Rs.4,35,697/-	Rs.8,700/-	Rs.350/-	Class "D"	Three months
7	Restoration of rain damages on Padhar Bhararu via Nauhall road (SH:- Construction of Breast wall at km. 11/110 to 11/125)	Rs.1,89,350/-	Rs.3,800/-	Rs.350/-	Class "D"	Three months
8	Restoration of rain damages on Machhiyal Bhararu Bihun road km. 0/00 to 12/00 (SH:- Construction of U-Shape drain in km. 11/120 to 11/160 & 11/970 to 12/000).	Rs.99,278/-	Rs.2,000/-	Rs.350/-	Class "D"	Two months
9	Restoration of rain damages on Galed Bhager road km. 0/00 to 5/00 (SH:- Construction of Retaining wall at km. 3/910 to 3/920).	Rs.2,26,049/-	Rs.4,500/-	Rs.350/-	Class "D"	Three Months
10	Restoration of Rain Damages on link road to Sahian Dhar (SH:- Construction of Breast wall at km. 1/655 to 1/683)	Rs.4,91,282/-	Rs.9,800/-	Rs.350/-	Class "D"	Three Months
11	Construction of Shanan Harabag road km. 0/00 to 2/500 (SH:- Construction of 2.00 mtr. Span RCC Slab culvert at km. 0/00) (SW:- Construction of sub Structure).	Rs.4,30,287/-	Rs.8,600/-	Rs.350/-	Class "D"	Three Months
12	Construction of Shanan Harabag road km. 0/00 to 2/500 in G.P. Har Gunain under Deposit (SH:- Construction of 2.00 mtr. Span RCC Slab Culvert at km. 0/00 (SH:- Construction of Super Structure)	Rs.2,85,635/-	Rs.5,700/-	Rs.350/-	Class "D"	Three Months
13	Construction of link rod from Panjaltar Nallah to Mangharu link road km. 0/00 to 0/550 (SH:- Construction of 900mm dia Hume Pipe culvert alongwith both side wing walls at km. 0/380).	Rs.2,47,715/-	Rs.5,000/-	Rs.350/-	Class "D"	Three Months

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

Terms and conditions:-

- The contractor should produce a copy of enlistment / renewal letter at time of application.
- Executive Engineer reserves the right to reject/cancel any or all the tenders without assigning any reasons.
- The contractor/Firm shall have his registration and GST No. the copy of same be attached with the application.
- The earnest money shall be deposited duly pledged in favour of Executive Engineer B&R Division HPPWD, Joginder Nagar & cost of tender form for the above works should be submitted with the application for the purchase of the tender forms. The application received without earnest money & cost of tender form shall summarily be rejected.
- No tender form will be issued to the contractor without producing the work done certificate from the Executive Engineer concerned.
- The contractor/firms are requested to insert the rate of each item in words as well as in figures failing which XEN reserves the right to accept/reject any tender without assigning any reason at any stage.
- The tender shall be issued to those contractors who have not more than two works in hand.

Executive Engineer,
B&R Division HP PWD,
Joginder Nagar,
District Mandi (HP) on behalf of
Governor of Himachal Pradesh
Ph. 01908-222033 -

No. PW-JND-B&R-EA-GNET/Praxis/2023-24-

3996-4045

Dated:- 24/06/2024

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

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

SCHEDULE OF QUANTITY

Name of Work : A/R & M/O on link road from Khuddar Harbanain road from Lawankhad village to project road Dart Bagla km 0/00 to 2/250 (SH: Providing way side facility i.e. Construction of Rain Shelter at Bagla Km 1/705)					Estimate Cost: Earnest Money: Time Limit :		
Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT	
				Figures	Words	Rs.	P
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. The rate is inclusive all taxes levy by the government time to time excluding GST.	2.49	Per Cubic Meter				
2	Supplying and filling of hard stone for under floor thick at site. 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. The rate is inclusive all taxes levy by the government time to time excluding GST.	0.98	Per Cubic Meter				
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (one Cement isto four coarse sand) isto eight graded stone aggregate 40 mm (fourty millimeter) nominal size). 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. The rate is inclusive all taxes levy by the government time to time excluding GST.	0.59	Per Cubic Meter				
4	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (one cement isto six coarse sand isto twelve graded stone aggregate 20 mm (twenty millimeter) nominal size) upto plinth level with : Cement mortar 1:6 (one cement isto six coarse sand). 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. The rate is inclusive all taxes levy by the government time to time excluding GST.	2.49	Per Cubic Meter				
5	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (one cement isto one point five sand isto three graded stone aggregate 20 mm (twenty millimeter) nominal size). 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. The rate is inclusive all taxes levy by the government time to time excluding GST.	1.66	Per Cubic Meter				

Estimate Cost:
Earnest Money:
Time Limit :

2,51,019.00
5,000.00
Three Months

Description of work

Unit

No. or Qty.

Rate

Figures Words

AMOUNT
Rs. P

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
6	Centering and shuttering including strutting, propping etc. and removal of form for all heights in Lintel, Beams, Plinth beams, Girders, Cantilever 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. The rate is inclusive all taxes levy by the government time to time excluding GST.	5.54	Per Square Meter			
7	Kota stone slab flooring over 20mm (twenty millimeter) (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing ocomplete with base of cement mortar 1:4 (one cement isto four coarse sand). 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. The rate is inclusive all taxes levy by the government time to time excluding GST.	11.24	Per Square Meter			
8	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. 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. The rate is inclusive all taxes levy by the government time to time excluding GST.	875.60	Per Kilogramme			
9	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in gratings, frames, guard bar, ladder, railings, brackets, gates and similar works. 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. The rate is inclusive all taxes levy by the government time to time excluding GST.	420.80	Per Kilogramme			
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. The rate is inclusive all taxes levy by the government time to time excluding GST.	29.38	Per Square Meter			

(D)

Sr. 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. The rate is inclusive all taxes levy by the government time to time excluding GST.	24.00	Per Running Meter			
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. The rate is inclusive all taxes levy by the government time to time excluding GST.	6.14	Each			
13	Painting on Steel work with two or more coat applied @ 0.90 litre/ 10 sqm (zero point nine liter per ten square meter) over an under coat of primer applied @ 0.80 litre/ 10 sqm (zero point eight liter per ten square meter) of approved brand and manufacture with Deluxe Multi Surface Paint to give an even shade complete including carriage of materials within all leads, lifts and other incidental charges. The rate is inclusive all taxes levy by the government time to time excluding GST.	9.35	Per Cubic metre			
	Total					


 Executive Engineer
 B & R Division HP, PWD,
 Jalandhar

2

SCHEDULE OF QUANTITY

Name of Work: Construction of & M/T on Galu Bhatwari road to village Badin & Changdhar.
(S44: Formation cutting in km 0/250 to 0/600)

Sl. No.	Description of work	No. or Qty.	Unit	Rate		Estimate Cost: Earnest Money: Time Limit:	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, chiselling, 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. Recovery for usefull some of 116.54 cum @ 300/- per cum shall be effected from the contractor bill on pro-rata basis for the quantity of cutting in earth work executed. 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. The rate is inclusive all taxes levy by the government time to time excluding GST.	2330.88	Per cubic metre				4,78,646.00 9,600.00 Three Months
	Total						


Executive Engineer
B & R Division HP.PWD.
Joyinder Singh

3

SCHEDULE OF QUANTITY

Name of Work: Construction & M.T on NH-154 to Village Bagicha Thulan km 0.00 to 1.500
(S.M./Removal of Formation Deficiency/Formation Cutting in Km 0.180 to 0.510)

Sr. No.	Description of work	No. or Qty.	Unit	Estimate Cost: Earnest Money: Time Limit:		
				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, chiselling, 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. Recovery for usefull some of 115.82 cum @ 300 - per cum shall be effected from the contractor bill on pro-rata basis for the quality of cutting in earth work executed. 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. The rate is inclusive all taxes levy by the government time is time excluding GST.	2316.86	Per cubic metre			4,75,767.00 9,500.00
Total						

Executive Engineer
B & R Division HP.PWD,
Jalandhar

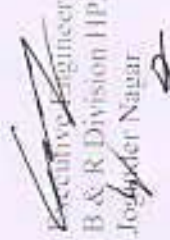
(4)

SCHEDULE OF QUANTITY

Name of Work : Restoration of Rain Damages on link road from NH-154 to Village Ghoran km 0/00 to 1/200 (SH: Construction of Retaining wall at km 0/392 to 0/407)				Estimate Cost: Earnest Money: Time Limit :			4,96,605,000 9,900,000 Three Months	
Sr. No.	Description of work	No. or Qty.	Unit	Rate		Figures	AMOUNT	
				Words	Rs.		P	
1	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, hauling 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. The rate is inclusive all taxes levy by the government time to time excluding GST.	27.00	Per cubic metre					
2	Providing and laying cement concrete 1:1.5:10 (one cement: five sand: ten graded crushed broken stone aggregate 40 mm (forty millimeters) nominal size 1 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 arise at the time of laying under water complete for all heights/depths including cost of form work as per drawings and M.O.R.D. 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. The rate is inclusive all taxes levy by the government time to time excluding GST.	89.10	Per cubic metre					

(4)

Sr. No.	Description of work.	No. or Qty.	Unit	Rate		AMOUNT Rs. P.
				Figures	Words	
3	Backfilling 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. The rate is inclusive all taxes levy by the government time to time excluding GST.	16.65	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. The rate is inclusive all taxes levy by the government time to time excluding GST.	43.00	Each			
Total						


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

5 **SCHEDULE OF QUANTITY**

Name of Work : Restoration of Rain Damages on Chauritra to Chaugan road km 0/00 to 1/750 (SH: C/O U-shape drain with edge wall at km 1/250 to 1/335)

Estimate Cost: 3,83,779.00
 Earnest Money: 7,700.00
 Time Limit : Three Months

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT
				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, hauling 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. The rate is inclusive all taxes levy by the government time to time excluding GST	56.10	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 arise 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. The rate is inclusive all taxes levy by the government time to time excluding GST.	38.25	Per cubic metre			

Sl. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
3	Providing concrete for plain-reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete Grade M-10 complete within all leads, lifts carriage of material and other incidentals. The rate is inclusive all taxes levy by the government time to time excluding GST.	25.50	Per cubic metre			
	Total					


 Engineer
 B & R Division HP PWD.
 Jynder

(6)

SCHEDULE OF QUANTITY

Name of Work: Construction & M/T on Sandha Makan Kalan to Fagla road km 0/00 to 4/500
(Sub Head:- Formation Cutting in km 1/180 to 1/385)

Sr. No.	Description of work	No. or Qty.	Unit	Estimate Cost; Earnest Money; Time Limit :		
				Figures	Words	AMOUNT Rs. P
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 & 500 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. Recovery for usefull stone of 129.06 cum @ 300/- per cum shall be effected from the contractor bill on pro-rata basis for the quality of cutting in earth work executed. 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. The rate is inclusive all taxes levy by the government time to time excluding GST.	1985.40	Per cubic metre			4,35,597.00 8,700.00
		Total				


 Executive Engineer
 B & R Division HP.PWD,
 Jalandhar

SCHEDULE OF QUANTITY

Name of Work : Restoration of Rain Damages on Padhar Bhararu via Nauhali Road
(SH: Construction of Breast wall at km 11/110 to 11/125)

Sr. No.	Description of work	No. or Qty.	Unit	Estimate Cost: Earnest Money: Time Limit :		
				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 A.C.O.R.D. technical specification section 1000 & 200 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. The rate is inclusive all taxes levy by the government time to time excluding GST.	18.53	Per cubic metre			1,89,330.00 3,800.00
2	Earth work in excavation for structures in all depths as per drawing and M.O.R.D. technical specification section 300 & 1609 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, hauling 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. The rate is inclusive all taxes levy by the government time to time excluding GST.	7.65	Per cubic metre			

(7)

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
3	Providing and laying cement concrete 1:5:10 (one cement: five sand: ten graded crushed + broken stone aggregate 40 mm (forty millimeters) nominal size) plinths 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 arise 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. The rate is inclusive all taxes levy by the government time to time excluding GST.	35.40	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, 700 & 1206 e 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. The rate is inclusive all taxes levy by the government time to time excluding GST.	14.00	Each			
	Total					

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

(13)

SCHEDULE OF QUANTITY

Name of Work: Restoration of Rain Damages on Macchhal Bhararu Bihun road km 0/00 to 12/00

(Sub Head:- Construction of U-Shape Darin in km 11/120 to 11/160 & 11/970 to 12/000-)

Estimate Cost: 99,278,000
Earnest Money: 2,000,000
Time Limit: Two Months

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Earth work in excavation for structures in all depths as per drawing and M.O.R.D technical specification section 500 & 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, hauling 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. The rate is inclusive all taxes levy by the government time to time excluding GST.	25.99	Per cubic metre			
2	Providing concrete for plain reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete Grade M-10 complete within all leads, lifts carriage of material and other incidentals. The rate is inclusive all taxes levy by the government time to time excluding GST.	14.00	Per cubic metre			
Total						

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

19 SCHEDULE OF QUANTITY

Name of Work : Restoration of rain damages on Daled Bhager road km 0/00 to 5/00
(Sft: Construction of Retaining wall at km 3/910 to 3/920)

Name of Work : Restoration of rain damages on Daled Bhager road km 0/00 to 5/00 (SH: Construction of Retaining wall at km 3/910 to 3/920)				Estimate Cost: 2,26,049.00 Earnest Money: 4,500.00 Time Limit : Three Months		
Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost. The rate is inclusive all taxes levy by the government time to time excluding GST.	24.90	Per cubic metre			
2	Providing and laying cement concrete 1:5:10(one cement: five sand:ten graded crushed / broken stone aggregate 40 mm (forty millimeters) nominal size) plums and curing complete including the cost of form work in Retaining walls Breast walls, in or under water complete including, pumping or bailing out water, dewatering removal of slush as required at site which may arisen at the time of laying under water complete for all heights depths including cost of form work as per drawings and MORD technical specifications section 800, 900,1200 & 1600 and as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals .The rate is inclusive all taxes levy by the government time to time excluding GST.	41.50	Per cubic metre			

9.

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. The rate is inclusive all taxes levy by the government time to time excluding GST.	6.90	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. The rate is inclusive all taxes levy by the government time to time excluding GST.	18.00	Each			
	Total					


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

SCHEDULE OF QUANTITY

Name of Work : Restoration of Rain Damages on link road to Salhan Dhar
(SH: Construction of Breast wall at km 1/655 to 1/683)

Sr. No.		Description of work	No. or Qty.	Unit	Estimate Cost: Earnest Money: Time Limit :		
					Rate	Words	AMOUNT Rs. P
					Figures		Three Months
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. The rate is inclusive all taxes levy by the government time to time excluding GST.	44.66	Per cubic metre			4,91,282.00 9,800.00
2		Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost. The rate is inclusive all taxes levy by the government time to time excluding GST.	28.00	Per cubic metre			

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
3	Providing and laying cement concrete 1:5:10(one cement: five sand:ten graded crushed broken stone aggregate 40 mm (forty millimeters) nominal size) plants and curing complete including the cost of form work in Retaining 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 .The rate is inclusive all taxes levy by the government time to time excluding GST.	88.76	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 .The rate is inclusive all taxes levy by the government time to time excluding GST.	54.00	Each			
	Total					


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

SCHEDULE OF QUANTITY

Name of Work : Construction of Shanan Harabag road km 0/00 to 2/500 in GP Har Gunain under Deposit (SH: Construction of 2.00 mtr. Span RCC Slab Culvert at km 0/00) (SW: Construction of Sub Structure)					Estimate Cost: Earnest Money: Time Limit :		4,30,287.00 8,600.00 Three Months	
Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT		
				Figures	Words	Rs.	P	
1	Earth work in excavation for structures in all depths as per drawing and M.O.R.D technical specification section 100 & 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 ear 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. The rate is inclusive all taxes levy by the government time to time excluding GST.	114.62	Per cubic metre					
2	Providing concrete for plain reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203 Plain cement concrete Grade M-10 complete within all leads, lifts carriage of material and other incidentals. The rate is inclusive all taxes levy by the government time to time excluding GST.	10.79	Per cubic metre					
3	Providing and laying reinforced cement concrete of super structure as per drawing and technical specifications clauses 800, 1205.4 & 1205.5. Reinforced cement concrete M-20 (1:2:4) (one cement two sand) four graded stone aggregate 20mm (twenty millimetre) nominal size upto any height complete within all leads, lifts carriage of material and other incidentals. The rate is inclusive all taxes levy by the government time to time excluding GST.	40.28	Per cubic metre					
4	Providing and laying flooring laid over cement concrete bedding complete as per drawing and technical specification. Rubble stone laid in cement mortar 1:5 (one cement (sto five sand) complete within all leads, lifts carriage of material and other incidentals. The rate is inclusive all taxes levy by the government time to time excluding GST.	1.87	Per cubic metre					

No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
5	Back filling behind abutment wing wall and return wall complete as per Drawing and technical specifications clause 1204.3.8. Granular material complete within all leads, lifts carriage of material and other incidentals. The rate is inclusive all taxes levy by the government time to time excluding GST.	18.62	Per cubic metre			
6	Providing weep hole in brick masonry/ stone masonry plain reinforced concrete abutment wing wall, return wall with 100mm dia (one hundred millimetre diameter) PVC pipe extending through the full width of the structures with slope of 1V:20H (one vertical to twenty horizontal) towards drawing face complete as per drawing and technical specifications clauses 614.709.1204.3.7. Including carriage of material and other incidentals. The rate is inclusive all taxes levy by the government time to time excluding GST.	30.00	Each			
	Total					


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

SCHEDULE OF QUANTITY

Name of Work : Construction of Shanan Harabag road km 0/00 to 2/500 in GP Har Gunain under Deposit (SH: Construction of 2.00 mtr. Span RCC Slab Culvert at km 0/00) (SW: Construction of Super Structure)				Estimate Cost: 2,85,635.00 Earnest Money: 5,700.00 Time Limit : Three Months		
Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
1	Providing and laying reinforced cement concrete in super structure as per drawing and technical specifications clauses 800, 1205.4 & 1205.5, Reinforced cement concrete M-20 (1:2:4) (one cement : two sand : four graded stone aggregate 20mm (twenty millimetre) nominal size) upto any height complete within all leads, lifts carriage of material and other incidentals. The rate is inclusive all taxes levy by the government time to time excluding GST.	28.75	Per cubic metre			
2	Providing and laying reinforced cement concrete in super structure as per drawing and technical specifications clauses 800, 1205.4 & 1205.5, Reinforced cement concrete M-25 (1:1.5:3) (one cement : one and half sand : three graded stone aggregate 20mm (twenty millimetre) nominal size) upto any height complete within all leads, lifts carriage of material and other incidentals. The rate is inclusive all taxes levy by the government time to time excluding GST.	3.34	Per cubic metre			
3	Supplying, fitting and placing HYSD bar reinforcement in super structure complete as per drawing and technical specifications clauses 1002, 1010 and 1202 complete within all leads, lifts carriage of material and other incidentals. The rate is inclusive all taxes levy by the government time to time excluding GST.	374.00	per Kilogramme			
	Total					


 B & R Division HP, PWD,
 Vrinder Nagar

SCHEDULE OF QUANTITY

Name of Work: Construction of link road from Panjaltar Nallah to Mangharu link road Km. 0/0 to 0/550
(Sub Head:- Construction of 900mm dia Hume Pipe culvert along with both side wing walls at km 0/380)

Estimate Cost: 2,47,715.00
Earnest Money: 5,000.00
Time Limit : Three Months

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT
				Figures	Words	
1	Earth work in excavation for structures in all depths as per drawing and M.O.R. 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, hauling 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. The rate is inclusive all taxes levy by the government time to time excluding GST.	47.63	Per cubic metre			
2	Providing and laying concrete for plain reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 & 1203. Plain cement concrete nominal mix 1:4:8 (one cement, four sand, eight graded stone aggregate 40mm (forty millimetre) nominal size) complete within all leads, lifts carriage of material and other incidentals. The rate is inclusive all taxes levy by the government time to time excluding GST.	3.73	Per cubic metre			
3	Providing and laying concrete for plain reinforced concrete in open foundations complete as per drawing and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete Grade M-10 complete within all leads, lifts carriage of material and other incidentals. The rate is inclusive all taxes levy by the government time to time excluding GST.	7.68	Per cubic metre			
4	Providing and laying concrete for plain reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 & 1203. Plain cement concrete nominal mix 1:5:10 (one cement, five sand, ten graded stone aggregate 40mm (forty millimetre) nominal size) complete within all leads, lifts carriage of material and other incidentals. The rate is inclusive all taxes levy by the government time to time excluding GST.	19.99	Per cubic metre			

Sr. No.	Description of work	No. or Qty.	Unit	Rate		AMOUNT Rs. P
				Figures	Words	
5	Providing and laying flooring laid over cement concrete bedding complete as per drawing and technical specification. Rubble stone laid in cement mortar 1:5 (one cement : five sand) complete within all leads, lifts carriage of material and other incidentals. The rate is inclusive all taxes levy by the government time to time excluding GST.	0.49	Per cubic metre			
6	Providing and laying 900mm (nine hundred millimetre) diameter reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 (one cement : two sand) but excluding excavation, protection work, back filling, concrete and masonry work in head walls and parapets clause 1108 complete within all leads, lifts carriage of material and other incidentals. The rate is inclusive all taxes levy by the government time to time excluding GST.	7.50	Per running metre			
7	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. The rate is inclusive all taxes levy by the government time to time excluding GST.	9.48	Per cubic metre			
8	Providing weep hole in brick masonry, stone masonry, plain reinforced concrete abutment, wing wall, return wall with 100mm dia (one hundred millimetre diameter) PVC pipe extending through the full width of the structures with slope of 1V:20H (one vertical to twenty horizontal) towards drawing face complete as per drawing and technical specifications clauses 614.709, 1204.3.7 including carriage of material and other incidentals. The rate is inclusive all taxes levy by the government time to time excluding GST.	8.00	Each			
	Total					


 Executive Engineer
 B & R Division HP/PWD,
 Jalandhar