



**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

Telephone No/ 01782-233017

e-mail ee-ram-hp@nic.in

No. PW/ RMP/TA-I/Publication/2021- 15758

Dated:- 03-02-2022

To

The Executive Engineer (IT Cell),
Nigam Bihar, H.P. Shimla-2.

Subject:- Publication of tender Notice.

Enclosed please find herewith the tender Notice of various works as given in the tender inviting tender for uploading on department website as per notification Pr. Secy. (PW) to the Govt. of Himachal Pradesh letter No. PBW(B)A(3)1/2020 dated 16th July 2021 as the works mentioned in the tender Notice are urgent nature and public interest.

DA: - As above.

Executive Engineer,
Rampur Division HPPWD,
Rampur Bushahr



**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

Telephone No: 01782-233017
e-mail: ee-ram-hp@nic.in

NOTICE INVITING TENDER

Sealed item rate tender(s) on PWD form No. 6 & 8 are hereby invited by the Executive Engineer, B&R Division, HPPWD, Rampur Distt. Shimla (HP) on behalf of the Governor of H.P. for the following works from registered contractors in HP.PWD (B&R) in appropriate class so as to reach in this office on **19.02.2022** upto 10:30 A.M. and will be opened on the same day at 11:00 A.M. in the presence of contractors or their authorized representative who wish to be present at that time. The application for obtaining the tender form will be received on **18.02.2022** between 10:00 A.M. to 2:00 P.M. The tender form can be had from this office against cash payment (Non-refundable) on **18.02.2022** between 02:00 PM to 5:00 PM.

The earnest money in the shape of National Saving Certificate/Time Deposit Account/ Saving Account of the Post office in Himachal Pradesh duly pledged in favour of the Executive Engineer, B&R Division, HP. PWD, Rampur Bushahr Distt. Shimla H.P. must accompany with the tender form. Ambiguous/Telegraphically/conditional tenders or tender by FAX shall not be entertained/considered in any case. The tenders without earnest money shall summarily be rejected. The offer of the tender shall be kept open for 90 days. The Executive Engineer, B&R Division, HP.PWD, Rampur Bushahr reserve the right to reject/accept any offer of tender without assigning any reasons.

WORK No-1 Improvement of black spot on T.J. G.N. Khamadi road Km. 0/000 to 52/000 (SH:- C/O R/wall in R/R masonry in Km. 30/915 to 30/925) **ESTIMATED COST** Rs.3,76,388/- **EARNEST MONEY** Rs.7,600/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-

WORK No-2 Improvement of black spot on T.J. G.N. Khamadi road Km. 0/000 to 52/000 (SH:- C/O R/wall in R/R masonry in Km. 30/905 to 30/915) **ESTIMATED COST** Rs.3,75,871/- **EARNEST MONEY** Rs.7,600/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-

WORK No-3 Improvement of black spot on T.J. G.N. Khamadi road Km. 0/000 to 52/000 (SH:- Providing and erecting "W" metal beam crash barrier between Km. 30/905 to 30/980) **ESTIMATED COST** Rs.3,39,169/- **EARNEST MONEY** Rs.6,800/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-4 C/O link road to village Barkali Km. 0/000 to 0/250 (SH:- P/L kharanja stone soling in Km. 0/000 to 0/250) **ESTIMATED COST** Rs.2,80,214/- **EARNEST MONEY** Rs.5,700/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-

WORK No-5 A/R & M/O Mashnoo Takleeh road Km. 0/000 to 48/000 (portion Km. 12/000 to 38/000) (SH:- Providing and fixing of all direction of Retro reflective round delineators and crash barricade W beam reflector) **ESTIMATED COST** Rs.1,97,400/- **EARNEST MONEY** Rs.4,000/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-6 A/R & M/O Mashnoo Takleeh road Km. 0/000 to 48/000 (portion Km. 38/000 to 48/000) (SH:- Providing and fixing of all direction of Retro reflective round delineators and crash barricade W beam reflector) **ESTIMATED COST** Rs.1,97,400/- **EARNEST MONEY** Rs.4,000/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

- WORK No-7** R/R damages on Rampur Gaura Mashnoo Jeori road Km. 0/000 to 61/000 (SH:- C/O R/wall in R/R masonry between Km. 60/700 to 60/715) **ESTIMATED COST** Rs.3,50,810/- **EARNEST MONEY** Rs.7,100/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-
- WORK No-8** C/O link road from Addu Devnagar Sara Bamb Tikkeri Km. 0/000 to 9/345 (SH:- Katcha drain in Km. 2/000 to 4/000 & F/C 5/7 mtr. wide in Km. 2/115 to 2/300) **ESTIMATED COST** Rs.2,49,925/- **EARNEST MONEY** Rs.5,000/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-9** C/O link road to village Barkali Km. 0/000 to 0/250 (SH:- P/L Kharanja stone soling Km. 0/000 to 0/250) **ESTIMATED COST** Rs.2,80,214/- **EARNEST MONEY** Rs.5,700/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-10** C/O Payee Ghincha Shingral road Km. 0/000 to 8/000 (SH:- Providing and laying Kharanja stone soling in Km. 3/800 to 4/200) **ESTIMATED COST** Rs.4,47,514/- **EARNEST MONEY** Rs.9,000/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-
- WORK No-11** Improvement of self identified black spot on Keo to Kinfi road Km. 0/000 to 13/500 (SH:- C/O R/wall in PCC with toe wall at RD 0/822 to 0/838) **ESTIMATED COST** Rs.3,62,462/- **EARNEST MONEY** Rs.7,300/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-
- WORK No-12** Special repair to Assistant Engineer (NH) Residence building at HPPWD Jeori (SH:- Repair & maintenance to RCC slab tiles work plaster work brick work distempering work etc.) **ESTIMATED COST** Rs.3,62,654/- **EARNEST MONEY** Rs.7,300/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-
- WORK No-13** C/O water storage tank stand at Bal Ashram at Sarahan Distt. Shimla (SH:- C/O RCC structure for water storage tank & providing & fixing water tank 5000) **ESTIMATED COST** Rs.4,04,648/- **EARNEST MONEY** Rs.8,100/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-
- WORK No-14** C/O link road from NH 05 Khaneri to Rahu Colony at Km. 0/000 to 0/780 (SH:- C/O PCC R/wall at RD 0/595 to 0/615, 0/625 to 0/645, 0/645 to 0/655) **ESTIMATED COST** Rs.3,04,415/- **EARNEST MONEY** Rs.6,100/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-15** C/O rain shelter at Majhali on Mashnoo Taklech road at Km. 21/990 (SH:- C/O civil work thereof) **ESTIMATED COST** Rs.4,24,735/- **EARNEST MONEY** Rs.8,500/- **TIME LIMIT:-** Three Months **COST OF FORM** Rs. 350/-
- WORK No-16** C/O rain shelter at Gaura on Rampur Gaura Mashnoo Sarahan Jeori road Km. 17/240 (SH:- C/O civil work thereof) **ESTIMATED COST** Rs.4,24,735/- **EARNEST MONEY** Rs.8,500/- **TIME LIMIT:-** Three Months **COST OF FORM** Rs. 350/-
- WORK No-17** C/O rain shelter at Kinoo on Rampur Gaura Mashnoo Sarahan Jeori road at Km. 39/285 (SH:- C/O civil work thereof) **ESTIMATED COST** Rs.4,24,735/- **EARNEST MONEY** Rs.8,500/- **TIME LIMIT:-** Three Months **COST OF FORM** Rs. 350/-
- WORK No-18** Improvement of self identified black spot on Labana Sadana road Km. 0/000 to 8/000 (SH:- C/O B/wall in R/R masonry at RD 5/345 to 5/360) **ESTIMATED COST**

Rs.1,80,350 **EARNEST MONEY** Rs.3,700/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-

WORK No-19 Restoration of damages caused by laying of cable by Reliance Jio on Kinoo Bhagwat road Km. 0/000 to 7/750 (SH:- C/O V-shape drain at various RDs between Km. 0/000 to 0/500) **ESTIMATED COST** Rs.1,34,788/- **EARNEST MONEY** Rs.2,700/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-20 C/O rain shelter at Uru to Uru Basri Makdoli road at Km. 0/070 (SH:- C/O civil work thereof) **ESTIMATED COST** Rs.4,24,735/- **EARNEST MONEY** Rs.8,500/- **TIME LIMIT:-** Three Months **COST OF FORM** Rs. 350/-

WORK No-21 Improvement of black spot on T.J.G.N. Khamadi road Km. 0/000 to 52/000 (SH:- Formation cutting at RD11/960 to 11/981 & 11/985 to 12/005) **ESTIMATED COST** Rs.4,92,670/- **EARNEST MONEY** Rs.10,000/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-22 Action plan for improvement of self identified black spot on approach road to brow bridge via G.S.S.S. Rampur Km. 0/000 to 0/540 (SH:- P/F steel railing at Km. 0/417 to 0/518 and C/O of R/wall at Km. 0/360 to 0/365) **ESTIMATED COST** Rs.4,62,685/- **EARNEST MONEY** Rs.9,300/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-23 Repair & maintenance of Bridge at Chatti on Satluj River (SH:- C/O R/wall form RD 0/000 to 0/008 approach road to Chatti Bridge, P/F W-Metal beam crash barrier & Delenator) **ESTIMATED COST** Rs.4,96,809/- **EARNEST MONEY** Rs.10,000/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-24 Repair & maintenance of Bridge at Chatti on Satluj River (SH:- C/O R/wall form RD 0/008 to 0/20 approach road to Chatti Bridge, P/F W-Metal beam crash barrier & Delenator) **ESTIMATED COST** Rs.2,61,607/- **EARNEST MONEY** Rs.5,300/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-25 Repair & maintenance of Chatti Bridge over Satluj river & Samej Sarpara Bridge (SH:- Painting of Chatti and Samej Sarpara bridge) **ESTIMATED COST** Rs.2,13,169/- **EARNEST MONEY** Rs.4,300/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-26 Annual repair & maintenance of SE's residence at Pipty Tehsil Rampur Distt. Shimla (SH:- P/F Cloth curtain in SE's Residence) **ESTIMATED COST** Rs.2,59,940/- **EARNEST MONEY** Rs.5,200/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-27 A/R & M/O various roads in Rampur Section under Rampur Sub Division, HPPWD Rampur (SH:- Providing & fixing confirmatory/mandatory retro reflectorised sign boards & ABS plastic road studs) **ESTIMATED COST** Rs.2,92,600/- **EARNEST MONEY** Rs.5,900/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-28 A/R & M/O various roads in Rampur Section under Rampur Sub Division, HPPWD Rampur (SH:- Supplying & fixing ABS plastic speed breakers) **ESTIMATED COST** Rs.4,76,000/- **EARNEST MONEY** Rs.9,600/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-29 R/R damages on Mashnoo Taklech road Km. 38/000 to 48/000 (SH:- C/O wire crate R/wall with PCC toe wall at RD 47/420 to 47/430) **ESTIMATED COST** Rs.2,20,311/- **EARNEST MONEY** Rs.4,500/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-30 A/R & M/O Mashnoo Taklech road Km. 0/000 to 48/000 portion 12/000 to 38/000 (SH:- C/O unlined drain in Km. 29/500 to 34/500) **ESTIMATED COST** Rs.2,10,650 **EARNEST MONEY** Rs.4,300/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-31 A/R & M/O Mashnoo Taklech road Km. 0/000 to 48/000 portion 12/000 to 38/000 (SH:- C/O unlined drain in Km. 23/500 to 29/000) **ESTIMATED COST** Rs.2,10,650 **EARNEST MONEY** Rs.4,300/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

Terms and conditions:-

1. The contractors/firms are required to quote their rates clearly both in words as well as in figures, failing which the tender is liable to be rejected.
2. The contractor will produce show their enlistment/renewal documents at the time of obtaining tender form.
3. Latest Income tax and sale tax clearance certificates as well as Pan Number and GST number must be attached with the application failing which tender documents will not be issued.
4. The tender forms will be issued to only those contractors who have not more than two works in hand in any of HP.PWD. Circles.
5. The contractor will have to submit the proof. of registration under Employees Providing Funds & Miscellaneous provision Act. 1952 at the time of tender. Failure to observe this condition shall render the tender of the contractor liable to summary rejection.

Executive Engineer,
Rampur Division (B&R),
HPPWD, Rampur Bsr.

No: - RMP/Tender/2021 - 15753-57

Dated:- 03-02-2022

Copy forwarded for information:-

1. The Engineer-in-Chief, HP,PWD Nirman Bhawan, Nigam Vihar, Shimla-II.
2. The Superintending Engineer 11th Circle HPPWD, Shimla.
3. The SDM (Civil) Rampur.
4. The Panchayat Samiti Rampur.
5. Copy to Notice Board.

Executive Engineer,
Rampur Division (B&R),
HPPWD, Rampur Bsr.

CERTIFICATE

The tender invited vide this office letter No. PW/RMP/TA/Tender/2021-15753-57 dated 03.02.2022 i.e. Job No. 1 to 31 are of emergent in nature and are urgently required for the repair/restoration work.

Executive Engineer,
Rampur Division (B&R),
HPPW D, Rampur Bsr.

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SEHEDULE OF QUANTITY

NAME OF WORK:- Improvement of black on T.J.G.N. Khamadi road km 0/000 to 52/000. (SH:- Construction of R/wal in R/R masonry in Km 30/915 to 30/925).				Estimated cost:- Rs	376388.00	
				Earnest money:- Rs	7600.00	
				Time:-	Two Months	
Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Earth work in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 metre, dressing of sides and bottom and back filling in trenches with excavated suitable material in all kinds of soil upto 3 metre depth . including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	89.70	Per Cum.			
2	Providing and laying cement concrete 1:5:10 (1 cement:5 sand : 10 graded stone 40mm agregate nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803, 1202 and 1203 including curing and carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	8.80	Per Cum.			
3	Providing and laying cement concrete 1:4:8(1cement:4sand:8graded stone aggregate 40mm nominal size) and curing complete excluding cost of form work in foundation and plinth in breast and retaining walls etc . including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	5.10	Per Cum.			
4	Stone masonry work in in cement mortar 1:6 (1 cement :6 sand) in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 coursed rubble masonry 2nd sort . including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	42.95	Per Cum.			

5	Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etc. for sub structure and super structure complete as per drawing and technical specification Clauses 704.6 & 1302.5 including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	50.33	Per Cum.			
6	Backfilling behind abutment, wing wall and return wall complete as per drawings technical specification clause 1204.3.8. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	8.40	Per Cum.			

Executive Engineer
B & R Division H.P.P.W.D
Kampur Distt. Shimla (H.P.)

SEHEDULE OF QUANTITY

SEHEDULE OF QUANTITY				Estimated cost:- Rs	375871.00	
NAME OF WORK:- Improvement of black on T.J.G.N. Khamadi road km 0/000 to 52/000 (SH:- Construction of R/wall in R/R masonry in Km 30/905 to 30/915).				Earnest money:- Rs	7600.00	
				Time:-	Two Months	
Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Earth work in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 metre, dressing of sides and bottom and back filling in trenches with excavated suitable material in all kinds of soil upto 3 metre depth . including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	89.70	Per Cum.			
2	Providing and laying cement concrete 1:5:10 (1 cement:5 sand : 10 graded stone 40mm aggregate nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803, 1202 and 1203 including curing and carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	8.80	Per Cum.			
3	Providing and laying cement concrete 1:4:8(1cement:4sand:8graded stone aggregate 40mm nominal size) and curing complete excluding cost of form work in foundation and plinth in breast and retaining walls etc . including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	5.10	Per Cum.			
4	Stone masonry work in in cement mortar 1:6 (1 cement :6 sand) in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 coursed rubble masonry 2nd sort . including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	42.95	Per Cum.			

5	Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etc. for sub structure and super structure complete as per drawing and technical specification Clauses 704.6 & 1302.5 including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	50.33	Per Cum.			
6	Backfilling behind abutment, wing wall and return wall complete as per drawings technical specification clause 1204.3.8. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	7.80	Per Cum.			

Executive Engineer,
Rampur Division B&R,
M.P.P.W.D., Rampur.

SCHEDULE OF QUANTITY

NAME OF WORK:- Improvement of black on T.J.G.N. Khamadi road km 0/000 to 52/000 (S.H:-Providing and erecting "W" metal beam crash barrier between Km 30/905 to 30/980).

Estimated cost:-

339,169.00

Earnest money:-

6800.00

Time:-

One month

S. No.	Description	Qty.	Unit	Rate in figure.	Rate in word.	Amount.
1	Earth work in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 metre, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto 3 metre depth. including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	20.20	Per Cum.			
2	Providing and laying cement concrete 1:3:6(1cement:3sand:6graded stone aggregate 40mm nominal size) and curing complete including cost of form work in foundation and plinth in breast and retaining walls etc . including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	20.20	Per Cum.			
3	Providing and erecting "W" metal beam crash barrier comprising of 3mm. Thick corrugated sheet metal rail 70 centimeter above road/ ground level fixed on ISMC series channel vertical post 150X75X5mm spaced 2.00 mter centre to centre , 1.80 mter high 1.10 metre below ground/road level, all steel member and fittments to be galvanised by hot dip process. all fittings should confirm to IS: 1364 and metal beam rail to be fixed on the vertical post with a spacer of channel section 150X75X5mm, 330mm, long complete as per technical specification clause 810. including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	75.00	Per Running metre.			

Executive Engineer,
Rampur Division B&R,
H.P.P.W.D., Rampur.

SCHEDULE OF QUANTITY

Estimated cost:- 280,214.00

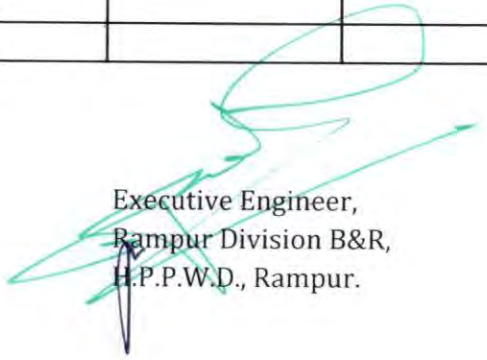
Earnest money:- 5700.00

Time:- Two month

Name of Work:- Construction of link road to village Barkeli Km 0/0 to 0/250.

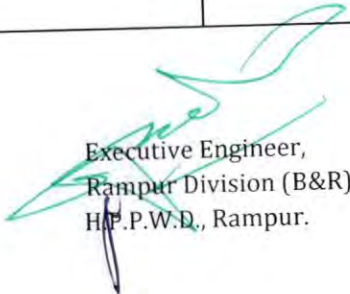
(SH:- P/L Kharanja stone soling in Km 0/0 to 0/250).

S.No.	Description	Qty.	Unit	Rate in figure.	Rate in word.	Amount.
1	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth within all lead including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	838.75	Per Square metre.			
2	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the requested gradient and camber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD. specification. 150mm spread thickness (finished work including materials and labour) including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	125.81	Per Cubic metre.			


Executive Engineer,
Rampur Division B&R,
H.P.P.W.D., Rampur.

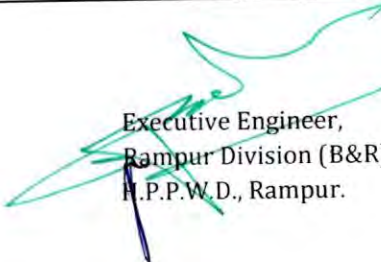
SCHEDULE OF QUANTITY

Name of Work :- A/R & M/o Mashnoo Taklech road Km 0/0 to 48 (portion Km 12/0 to 38/0 (SH:- Providing and Fixing of all directional retre-reflective round delinators and crash barricade W-Beam reflector).					Estimated cost:-	197,400.00
					Earnest money:-	Rs. 4000.00
					Time:-	One month
Sr.No.	Description	Qty.	Unit	Rate in Figure	Rate in word	Amount
1	Providing and Fixing of all directional retre-reflective round delinators short made out of 18(Eighteen) gauge to have 200mm (Two hundred milimetre) dia 47mm (Forty seven milimetre) and of length 600mm (six hundred milimetre) delinators powder coated delinators to have 200mm (Two hundred milimetre) wide reflective bands of colour white and red reflective bands protacted with welded wire mesh cage CAT PORT NO. GPL-11-11 MAKE GREENS/GREEN LIGHT including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.The rate including GST or any other taxes imposed by the Government.	140.00	Each			
2	Providing and fixing crash barricade W-Beam reflective trapezoid type metal body with acrylic reflector fixed with distance of 1.00 metre . At three sides left ,right and front laminated to steel body yellow colour suitable to fixed with steel W-beam metal bolted complete including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.The rate including GST or any other taxes imposed by the Government.	140.00	Each			


 Executive Engineer,
 Rampur Division (B&R),
 H.P.W.D., Rampur.

SCHEDULE OF QUANTITY

Name of Work :- A/R & M/o Mashnoo Taklech road Km 0/0 to 48 (portion Km 38/0 to 48/0 (SH:- Providing and Fixing of all directional retre-reflective round delinators and crash barricade W-Beam reflector).					Estimated cost:-	197,400.00
					Earnest money:-	Rs. 4000.00
					Time:-	One month
Sr.No.	Description	Qty.	Unit	Rate in Figure	Rate in word	Amount
1	Providing and Fixing of all directional retre-reflective round delinators short made out of 18(Eighteen) gauge to have 200mm (Two hundred milimetre) dia 47mm (Forty seven milimetre) and of length 600mm (six hundred milimetre) delinators powder coated delinators to have 200mm (Two hundred milimetre) wide reflective bands of colour white and red reflective bands protacted with welded wire mesh cage CAT PORT NO. GPL-11-11 MAKE GREENS/GREEN LIGHT including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.The rate including GST or any other taxes imposed by the Government.	140.00	Each			
2	Providing and fixing crash barricade W-Beam reflective trapezoid type metal body with acrylic reflector fixed with distance of 1.00 metre . At three sides left ,right and front laminated to steel body yellow colour suitable to fixed with steel W-beam metal bolted complete including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.The rate including GST or any other taxes imposed by the Government.	140.00	Each			


 Executive Engineer,
 Rampur Division (B&R),
 H.P.P.W.D., Rampur.

SCHEDULE OF QUANTITY

Estimated cost:- 350810.00
 Earnest money:- 7100.00
 Time:- Two month

Name of Work:- Restoration of rain damages on Rampur Gaura Mashnoo Jeori road km 0/000 to 61/0.
 (SH:- C/O R/Wall in RR masonry between km 60/700 to 60/715)

S.No.	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount.
1	Excavation in Hill area by manual/mechanical means:- Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock 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 chiselling and wedging out rock(where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer-in-Charge, in conformity with the requirement of technical specification of rural roads clause 1603.1 all useful material such as stone, shingle, aggregates & slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	47.93	Per Cubic metre			
2	Excavation for structures:- Earth work in excavation for structure in all depth as per drawing and technical specification Clause 305-1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated suitable material. 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 chiselling and wedging out of rock(where blasting is prohibited) as directed by the Engineer-in-Charge. all useful material such as stone, shingle, aggregates & slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	19.17	Per Cubic metre			

3	Providing and Laying cement concrete for plain/reinforced concrete 1:5:10 (1 cement:5 sand : 10 graded stone 40mm aggregate nominal size) in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including curing , cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	7.35	Per Cum.			
4	Stone masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 with random rubble masonry in cement mortar 1:6 (1 cement :6 sand) , including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge	35.35	Per Cum.			
	Providing and laying cement concrete 1:4:8(1cement:4sand:8graded stone aggregate 40mm nominal size) and curing complete excluding cost of form work in foundation and plinth in breast and retaining walls etc . including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge	2.95	Per Cum.			
	Construction of dry rubble masonry for retaining walls, breast walls , revetment walls and parapets etc. for sub structure and super structure complete as per drawing and technical specification Clauses 704.6& 1302.5 . including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge	49.65	Per Cum.			
7	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification clause 1204.3.8 with granular material. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	43.86	Per Cubic metre			

Executive Engineer,
Rampur Division B&R,
M.P.W.D. Rampur.

SEHEDULE OF QUANTITY

Name of Work:- C/O link road from Addu-Devnagar-Sara-Bamb-Tikkeri Km 0/0 to 9/345 (SH:- Formation cutting 5/7 metre wide road in Km 2/115 to 2/300 and construction of unlined drain in Km 2/0 to 4/0).					Estimated cost:- Rs	249925.00
					Earnest money:- Rs	5000.00
					Time:-	Two Months
Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Excavation in earthwork in hilly area in all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. 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, in conformity with the requirement of technical specification clause 1603.1 & 1603.2 to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal and dumping to be arranged by the contractor of unsuitable cut materials in specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge for smooth riding. The recovery for useful stones, for 32.29 cum @ Rupees 170/- per cubic metre shall be effected on pro rata basis in all circumstances. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	421.19	Per Cum.			

2	Construction of unlined surface drains of average cross-sectional area of 0.40 sqm in all kind of soils such as ordinary soil , ordinary rock and hard rock including blasting (If required) to specified lines, grades, levels and dimensions Excavated material to be used in embankment with in all leads and lifts as per technical specification clause 307 and as per direction of Engineer-in-charge	2000.00	Per Rmt			

Executive Engineer,
Rampur Division B&R,
H.P.P.W.D., Rampur.

SCHEDULE OF QUANTITY

Estimated cost:- 280,214.00
 Earnest money:- 5700.00
 Time:- Two month

Name of Work:- C/o link road to village Barkeli Km 0/000 to 0/250
 (SH:- Providing & laying Kharanja stone soling in Km 0/000 to 0/250).

S.No	Description	Qty.	Unit	Rate in figure.	Rate in word.	Amount.
1	Preparation and Consolidation of sub grade with power road roller 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth dressing to camber and consolidating with road roller including making good the undulation etc. and rerolling the sub-grade and disposal of surplus earth within all leads and lift completed as per HPPWD Specifications including carriage of material within all leads and lifts and as per direction of Engineer-in-Charge.	838.75	Per Square metre			
2	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the requested gradient and camber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HPPWD specification 100mm spread thickness (finished work including materials and labour) including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	125.81	Per Cubic metre.			

Executive Engineer
 Rampur Division B&R
 H.P.P.W.D. Rampur.

SCHEDULE OF QUANTITY

Estimated cost:- 447,514.00
 Earnest money:- 9000.00
 Time:- Two month

Name of Work:- C/o Payee Gincha Shingral road Km 0/000 to 8/000
 (SH:- Providing & laying Kharanja stone soling in Km 3/800 to 4/200).

S.No	Description	Qty.	Unit	Rate in figure.	Rate in word.	Amount.
1	Preparation and Consolidation of sub grade with power road roller 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth dressing to camber and consolidating with road roller including making good the undulation etc. and rerolling the sub-grade and disposal of surplus earth within all leads and lift completed as per HPPWD Specifications including carriage of material within all leads and lifts and as per direction of Engineer-in-Charge.	1342.00	Per Square metre			
2	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the requested gradient and camber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HPPWD specification 100mm spread thickness (finished work including materials and labour) including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	201.30	Per Cubic metre.			

Executive Engineer
 Rampur Division B&R
 H.P.P.W.D. Rampur.

SEHEDULE OF QUANTITY

Name of Work:- Improvement of self inspected black spot on road from Keo to Kinfli Km 0/0 to 13/500. (SH:- Construction of R/wall in PCC with toe wall at RD 0/822 to 0/838).					Estimated cost:- Rs	362462.00
					Earnest money:- Rs	7300.00
					Time:-	Two Months
Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Earth work in excavation in all kinds of soil for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in all kinds of soil upto all depth . including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	17.60	Per Cum.			
2	Providing and laying cement concrete 1:3:6(1cement:3sand:6graded stone aggregate 40mm nominal size) and curing complete including cost of form work in foundation and plinth in breast and retaining walls etc . including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	50.40	Per Cum.			
3	Supplying, fitting and placing TMT bar reinforcement in foundation complete as per drawings technical specification clause 1000 and 1202 complete including carriage of material within all leads and lifts and as per HP.PWD specifications of 1990 volume-I and as per direction of Engineer-in-Charge	750.00	Per Kg.			
4	Backfilling behind abutment, wing wall and return wall complete as per drawings technical specification clause 1204.3.8. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	22.72	Per Cum.			

5	Providing and laying in weep holes of retaining walls/ breast walls 100mm dia PVC(D-Plast) pipes of working pressure not less than 4.5 Kg per sqm. as per drawing and H.P.P.W.D. technical specifications including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	36.000	Each			

Executive Engineer,
Rampur Division B&R,
H.P.P.W.D., Rampur.

SCHEDULE OF QUANTITY

Estimated cost:- **362654.00**
 Earnest money:- **7300.00**
 Time:- **Two months**

Name of work:- Special repair to Assistant Engineer (NH) Residence bulding at HPPWD Jeori. (SH:- Repair and maintenance to RCC slab, tiles work, plaster work, brick work, distemping work etc.)

No	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount.
1	Demolition above ground level upto floor two level including disposal of unserviceable materials within all leads and lifts un-reinforced cement concrete upto 15cm. Thickness including carriage of material within all leads and lifts and as per HP.PWD specifications of 1990 volume-I and as per direction of Engineer-in-Charge	5.49	Per Cubic Metre			
2	Providing and laying damp proof course to horizontal surface with cement mortar 1:2 (1 cement:2 sand) and curing complet including carriage of material within all leads and lifts and as per HP.PWD specifications of 1990 volume-I and as per direction of Engineer-in-Charge	89.83	Per Square Metre			
3	Providing form work with steel plates 3.15mm thick welded with angle iron frame 30x30x5mm, so as to give a fair finish including centring,shutteringand propping etc. with wooden battens and ballies, propping andcentering below supporting floor to ceiling not exceeding 4 mtrs and removal of the same for institution reinforced and plain concrete work including carriage of material within all leads and lifts and as per HP.PWD specifications of 1990 volume-I and as per direction of Engineer-in-Charge					
	Edges of slabs and breaks in floors and walls. Under 20cm wide	27.90	Per Rmt.			

4	Providing and laying cement concrete 1:1.5:3 (1cement:1.5 sand :3 graded stone aggregate 20mm. nominal size) and curing complete excluding cost of form work and reinforcement for feinforced concrete work in:Suspended floors roofs, landings and shelves and their supports, balconies, beams, girders, bressumers and cantilevers upto floor two level including carriage of material within all leads and lifts and as per HP.PWD specifications of 1990 volume-I and as per direction of Engineer-in-Charge	5.49	Per Cubic Metre			
5	Providing mild steel/Tor steel reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level Rcc slab with skin reinforcement including carriage of material within all leads and lifts and as per HP.PWD specifications of 1990 volume-I and as per direction of Engineer-in-Charge	384.60	Per Kg			
6	6mm Cement plaster to ceiling In Cement mortar 1:3(1 Cement:3 Sand) including curing, carriage of material within all leads and lifts and as per HP.PWD specifications of 1990 volume-I and as per direction of Engineer-in-Charge	28.16	Per Square Metre			
7	15mm cement plaster in single coat on fair side of brick/concrete/stone walls for interior plastering upto floor two level including arrises,internal rounded angles,chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth.i) Cement mortar 1:4 (1 cement:4 sand). including carriage of material within all leads and lifts and as per HP.PWD specifications of 1990 volume-I and as per direction of Engineer-in-Charge	101.27	Per Square Metre			
8	Distempering (two coats) with oil bound washable distemper of approved brand and manufacture and of required shade on undecorated wall surfaces to give an even shade over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and sand papered smooth. Priming coat with distemper primer including carriage of material within all leads and lifts and as per HP.PWD specifications of 1990 volume-I and as per direction of Engineer-in-Charge	200.12	Per Square Metre			
9	Half brick masonry in common burnt clay building bricks in Cement Mortar 1:4(1 cement:4 sand) First Class Bricks including carriage of material within all leads and lifts and as per HP.PWD specifications of 1990 volume-I and as per direction of Engineer-in-Charge	3.88	Per Square Metre			

10	Providing woodwork in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position. 2nd class deodar wood, including carriage of material within all leads and lifts and as per HP.PWD specifications of 1990 volume-I and as per direction of Engineer-in-Charge	0.19	Per Cubic Metre			
11	Applying priming coat over new wood and wood based surfaces after and including prepering the surface by thoroughly cleaning oilgrease, dirt and other foreign matter) sand papering and knotting Readymixed paint brushing with white lead for priming including carriage of material within all leads and lifts and as per HP.PWD specifications of 1990 volume-I and as per direction of Engineer-in-Charge	5.33	Per Square Metre			
12	Painting two coats(excluding priming coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stoping With enamel paint other than white including carriage of material within all leads and lifts and as per HP.PWD specifications of 1990 volume-I and as per direction of Engineer-in-Charge	62.06	Per Square Metre			
13	Supplying and fixing glass panes with putty and nails including removal of broken glass panes Plain Glass: 4mm thick, including carriage of material within all leads and lifts and as per HP.PWD specifications of 1990 volume-I and as per direction of Engineer-in-Charge	2.87	Per Square Metre			
14	Providing and fixing 10mm thick anti skid water proof stain and impact resistant heavy duty vetrified tiles Nitco or equivalant 600x600mmx10mm manufactured of approved shade and colour in flooring, treads of steps and landings laid over 12mm thick cement mortar 1:3 (1 cement: 3 sand) jointed with cement slurry mixed ith pigment to match the shade of tiles as required complete, including carriage of material within all leads and lifts and as per HP.PWD specifications of 1990 volume-I and as per direction of Engineer-in-Charge	82.45	Per Square Metre			
15	White glazed tiles 6 mm thick in flooring, treads or steps and landing laid on a bed of 12 mm thick cement mortar 1:3(1 cement:3sand) finished With flush pointing in white cement including carriage of material within all leads and lifts and as per HP.PWD specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	5.14	Per Square Metre			

16	White glazed tiles 6 mm thick in skirting risers or steps and dado 12 mm thick cement mortar 1:3 (1 cement:3 sand) and jointed with cement slurry including carriage of material within all leads and lifts and as per HP.PWD specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	16.23	Per Square Metre			
17	Providing and fixing 1000 litres net capacity tank. PVC water storage tank of ISI: 12701 marked G.I. inlet and outlet connection, 15 mm (fifteen millimeter) nominal bore ball valve and mosquito proof PVC cover with locking arrangement including hoisting up to all heights above ground level including carriage of material within all leads and lifts and as per HP.PWD specifications of 1990 volume-I and as per direction of Engineer-in-Charge	1.00	Each			
18	Providing and fixing 32mm (thirty two millimeter) dia. PVC waste pipe flexible (coil type) length not less than 800mm (eight hundred millimeter) including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in Charge	1.00	Each			
19	Providing and fixing C.P. Brass bib tap (superior or heavy type):- 15 mm (fifteen millimeter) dia including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge	2.00	Each			
20	Providing and fixing 600 mmx 450 mm (six hundred into four hundred fifty millimeter) bevelled edge mirror of superior glass mounted on 6 mm thick A.C. Sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers. including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in Charge.	1.00	Each			
21	Providing and fixing P.V.C. connection with brass unions:- 300/450 mm length:- (I) 15 mm nominal bore including carriage with in all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	2.00	Each			
22	Providing and fixing PVC door bend with oval access door, insertion rubber washer 3 mm thick bolts and nuts ISI marked complete including fixing with appraised adhesive etc. complete 110 mm dia including carriage with in all leads and lifts and as per HP.PWD. specifications of 1990 volume I and as per direction of Engineer-in-Charge.	2.00	Each			

23	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete including carriage with in all leads and lifts and as per HP.PWD. specifications Or 1990 volume-I and as per direction of Engineer-in-charge.	11.50	Per Rmt.			
24	Providing and fixing PVC collars ISI marked inciu6 lng Wlth approved adhesive etc. complete including carriage with in all leads a nd lifts and as per HP.PWD. specifications of volume-I and as per direction of Engineer-in-charge	1.00	Each			
25	Providing and fixing vitreous china wash basin in white shade with single hole for pillar tap with CI or MS brackets painted white i/c cutting holes and making good the same but excluding fittings:-Flat back. 630x450mm including carriage of material within all leads and lifts through all modes of transportation and as per HP.PWD. Specification of 1990 volume-I and as per direction of Engineer-in-Charge	1.00	Each			

Executive Engineer,
Rampur Division (B&R),
H.P.P.W.D., Rampur.

SEHEDULE OF QUANTITY

Estimated cost:- 404648.00

Earnest money:- 8100.00

Time:- Two Months

Name of Work :- C/O Water Stoarge Tank stand at Bal Ashram at Sarahan Distt. Shimla HP
(SH :- C/O RCC Structure for water storage tank and Providing & fixing water storage tanks 5000 ltrs. capacity)

Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	<i>Excavation for structures:- Earth work in excavation for structure in all depth as per drawing and technical specification Clause 305-1 including setting out, construction of shoring and bracing , removal of stumps and other deleterious material and disposal in all lead and lift including dressisng of sides and bottom and back filling in trenches with excavated suitable material . 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 chiselling and wedging out of rock(where blasting is prohibited) as directed by the Engineer-in-Charge.all useful material such as stone, shingle, aggregates& slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.</i>	10.14	Per Cubic metre			
2	Providing and laying cement concrete 1:6:12 (1 cement :6 Sand 12 graded stone aggregate 40mm nominal size) and curing complete excuding the cost of form work in Foundation and plinth. including carriage of material within all leads and lifts and as per HP.PWD specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	1.52	Per Cubic metre			

3	Centering and shuttering including strutting, propping etc. and removal of form for including carriage of material within all leads and lifts and as per HP.PWD specifications of 1990 volume-I and as per direction of Engineer-in-Charge :					
3.1	Columns, Pillars, Piers, Abutments, Posts and Struts	38.88	Per square metre			
3.2	Suspended floors, roofs, landings, balconies and access platform	40.00	Per square metre			
3.3	Lintels, beams, plinth beams, girders, bressumers and cantilevers	45.20	Per square metre			
3.4	Edges of slabs and breaks in floors and walls. Under 20cm (twenty centimeter) wide including carriage of material within all leads and lifts	36.00	Per square metre			
4.1	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 (1 cement : 1.5 coarse sand: 3 graded stone aggregate 20 mm nominal size)including curing, carriage of material within all leads and lifts and as per HP.PWD specifications of 1990 volume-I and as per direction of Engineer-in-Charge	4.63	Per cubic metre			
4.2	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) including curing, carriage of material within all leads and lifts and as per HP.PWD specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	12.54	per cubic metre			

5	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Mild steel and Medium Tensile steel bars including carriage of material within all leads and lifts and as per HP.PWD specifications of 1990 volume-I and as per direction of Engineer-in-Charge	1888.70	Per kilogramme			
6	Providing and placing on terrace upto all floor levels polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes including fittings and the base support for tank including carriage of material within all leads and lifts and as per HP.PWD specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	5000.00	per litre			

Executive Engineer,
Rampur Division B&R,
H.P.P.W.D., Rampur.

SCHEDULE OF QUANTITY

Estimated cost:- 304415.00
Earnest money:- 6088.00
Time:- One month

Name of Work:-C/O link Road from NH-05 Khaneri to Rahu colony at KM 0/000 to 0/780

(SH:-C/O PCC R/Wall at RD 0/595 to 0/615,0/625 to 0/645,0/645 to 0/655)

Sr. No.	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10sqm plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	40.45	Per Cubic metre.			
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	54.70	Per Cubic metre.			
3	Providing and laying cement concrete 1:6:12 (1 Cement:6 Sand: 12 graded stone 40 mm nominal size) fir plain /reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 .including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	10.60	Per Cubic metre.			

4	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing: 1:5:10 (1 cement : 5 coarse sand) : 10 graded stone aggregate 40 mm nominal size).including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	44.30	Per Cubic metre.			
5	Providing weep holes in brick masonry / stone masonry / plain reinforced concrete abutment , wing wall , return wall with 100 mm dia PVC pipe extending through the full width of the structures with slop of 1(v):20(H) towards drawing face complete as per drawing face complete as per drawing and technical specifications clauses 614,709,1204.3.7 including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	64.00	Nos.			
6	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification clause 1204.3.8 with granular material. including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	23.30	Per Cubic metre.			
					Total:-	

Executive Engineer,
Rampur Division B&R,
H.P.P.W.D., Rampur.

SCHEDULE OF QUANTITY

Estimated cost:- Rs 424735.00
 Earnest money:- Rs 8500.00
 Time:- Three month

Name of Work:-C/O Rain Shelter at Majhali on Mashnoo Taklech road at km 21/990.
(SH- C/O Civil work thereof)

S.No	Description of items	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount.
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in all kinds of soils in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within all leads and lifts including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	25.92	Per Cubic metre.			
2	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the requested gradient and camber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD. specification. 150mm spread thickness (finished work including materials and labour) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1.17	Per Cubic metre.			
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	3.24	Per Cubic metre.			

4	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with Cement mortar 1:6 (1 cement : 6 coarse sand) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	8.59	Per Cubic metre.			
5	Random rubble masonry with hard stone in superstructure above plinth level and upto floor five level, including leveling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) at window sills, ceiling level and the like. Cement mortar 1:6 (1 cement : 6 coarse sand) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	13.56	Cum.			
6	Steel work in built up 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. Hot finished welded type tubes	43.86	kg			
7	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.	1465.80	kg			
8	Providing and fixing 0.60mm (Zero point sixty millimeter) thick pre-painted steel sheet of TATA/ /DUROSHINE in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyster (RNP) organic coating of 20 (Twenty) micron over 5 (Five) microns primer coating to back coat of polyster of 5 (Five) microns over 5 (Five) microns primer coating including fixing with pre-painted iron J or L hooks, bolts and nuts , 6mm diameter with prepainted limpet and rubber washers complete with all accessories as required .Including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	29.97	Sqm.			

9	Providing ridges or hips of width 60 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete. 0.63 mm thick with zinc coating not less than 275 gm/m ²	19.37	Rmt			
10	Providing and laying gang saw cut 30 mm thick, mirror polished pre moulded and pre polished machine cut granite stone of required size and shape of approved shade, colour and texture in footpath, flooring in road side plazas and similar locations, laid over 20mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement mixed with matching pigment, epoxy touch ups etc. complete as per direction of Engineer-in-Charge. With granite stone of area less than 0.50 sqm.	7.56	Sqm.			
11	25mm thick Red stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :	7.82	Sqm.			
12	Providing and fixing M.S. black sheet 1.66 mm to 2mm thick fascia/soffits/eaves board/ceiling fixed with angle iron frame including cutting, welding to steel roof members and applying a coat of red lead primer etc (base members of steel work shall be measured and paid for separately) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	29.20	Sqm.			
13	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand) including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	46.76	Sqm.			
14	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	46.76	Sqm.			

15	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	21.90	Sqm. *			

*Executive Engineer,
Rampur Division(B&R),
H.P.P.W.D., Rampur.*

SCHEDULE OF QUANTITY

Estimated cost:- Rs 424735.00
 Earnest money:- Rs 8500.00
 Time:- Three month

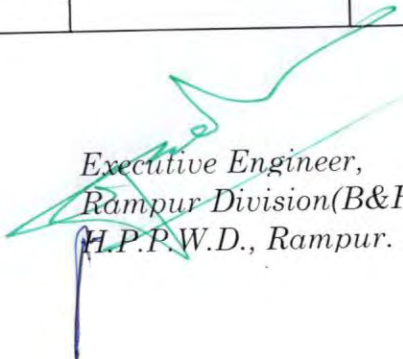
Name of Work:- C/O Rain Shelter at Gaura on Rampur Gaura Mashnoo Sarahan Jeori road at km 17/240
(SH- C/O Civil work thereof)

S.No	Description of items	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount.
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in all kinds of soils in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within all leads and lifts including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	25.92	Per Cubic metre.			
2	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the requested gradient and camber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD. specification. 150mm spread thickness (finished work including materials and labour) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1.17	Per Cubic metre.			
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	3.24	Per Cubic metre.			

4	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with Cement mortar 1:6 (1 cement : 6 coarse sand) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	8.59	Per Cubic metre.			
5	Random rubble masonry with hard stone in superstructure above plinth level and upto floor five level, including leveling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) at window sills, ceiling level and the like. Cement mortar 1:6 (1 cement : 6 coarse sand) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	13.56	Cum.			
6	Steel work in built up 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. Hot finished welded type tubes	43.86	kg			
7	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.	1465.80	kg			
8	Providing and fixing 0.60mm (Zero point sixty millimeter) thick pre-painted steel sheet of TATA/ /DUROSHINE in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 (Twenty) micron over 5 (Five) microns primer coating to back coat of polyester of 5 (Five) microns over 5 (Five) microns primer coating including fixing with pre-painted iron J or L hooks, bolts and nuts , 6mm diameter with prepainted limpet and rubber washers complete with all accessories as required .Including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	29.97	Sqm.			

9	Providing ridges or hips of width 60 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete. 0.63 mm thick with zinc coating not less than 275 gm/m ²	19.37	Rmt			
10	Providing and laying gang saw cut 30 mm thick, mirror polished pre moulded and pre polished machine cut granite stone of required size and shape of approved shade, colour and texture in footpath, flooring in road side plazas and similar locations, laid over 20mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement mixed with matching pigment, epoxy touch ups etc. complete as per direction of Engineer-in-Charge. With granite stone of area less than 0.50 sqm.	7.56	Sqm.			
11	25mm thick Red stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :	7.82	Sqm.			
12	Providing and fixing M.S. black sheet 1.66 mm to 2mm thick fascia/soffits/eaves board/ceiling fixed with angle iron frame including cutting, welding to steel roof members and applying a coat of red lead primer etc (base members of steel work shall be measured and paid for separately) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	29.20	Sqm.			
13	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement : 6 fine sand) including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	46.76	Sqm.			
14	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	46.76	Sqm.			

15	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	21.90	Sqm.			


 Executive Engineer,
 Rampur Division(B&R),
 H.P.P.W.D., Rampur.

SCHEDULE OF QUANTITY

Estimated cost:- Rs 424735.00

Earnest money:- Rs 8500.00

Time:- Three month

Name of Work:-C/O Rain Shelter at Kinoo on Rampur Gaura Mashnoo Sarahan Jeori road at km 39/285

(SH- C/O Civil work thereof)

S.No	Description of items	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount.
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in all kinds of soils in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within all leads and lifts including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	25.92	Per Cubic metre.			
2	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the requested gradient and camber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD. specification. 150mm spread thickness (finished work including materials and labour) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1.17	Per Cubic metre.			
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	3.24	Per Cubic metre.			

4	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with Cement mortar 1:6 (1 cement : 6 coarse sand) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	8.59	Per Cubic metre.			
5	Random rubble masonry with hard stone in superstructure above plinth level and upto floor five level, including leveling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) at window sills, ceiling level and the like. Cement mortar 1:6 (1 cement : 6 coarse sand) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	13.56	Cum.			
6	Steel work in built up 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. Hot finished welded type tubes	43.86	kg			
7	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.	1465.80	kg			
8	Providing and fixing 0.60mm (Zero point sixty millimeter) thick pre-painted steel sheet of TATA/ /DUROSHINE in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyster (RNP) organic coating of 20 (Twenty) micron over 5 (Five) microns primer coating to back coat of polyster of 5 (Five) microns over 5 (Five) microns primer coating including fixing with pre-painted iron J or L hooks, bolts and nuts , 6mm diameter with prepainted limpet and rubber washers complete with all accessories as required .Including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	29.97	Sqm.			

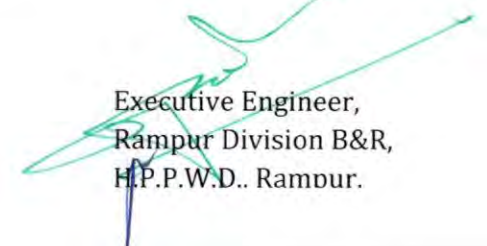
9	Providing ridges or hips of width 60 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete. 0.63 mm thick with zinc coating not less than 275 gm/m ²	19.37	Rmt			
10	Providing and laying gang saw cut 30 mm thick, mirror polished pre moulded and pre polished machine cut granite stone of required size and shape of approved shade, colour and texture in footpath, flooring in road side plazas and similar locations, laid over 20mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement mixed with matching pigment, epoxy touch ups etc. complete as per direction of Engineer-in-Charge. With granite stone of area less than 0.50 sqm.	7.56	Sqm.			
11	25mm thick Red stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :	7.82	Sqm.			
12	Providing and fixing M.S. black sheet 1.66 mm to 2mm thick fascia/soffits/eaves board/ceiling fixed with angle iron frame including cutting, welding to steel roof members and applying a coat of red lead primer etc (base members of steel work shall be measured and paid for separately) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	29.20	Sqm.			
13	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand) including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	46.76	Sqm.			
14	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	46.76	Sqm.			

15	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	21.90	Sqm.			

*Executive Engineer,
Rampur Division(B&R),
H.P.P.W.D., Rampur.*

SEHEDULE OF QUANTITY

Name of Work:- Improvement of self identified black spot on Labana Sadana road Km 0/0 to 8/0 . (SH:- Construction of Breast wall in R/R masonry at RD 5/345 to 5/360).					Estimated cost:- Rs	180350.00
					Earnest money:- Rs	3700.00
					Time:-	Two Months
Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Earth work in excavation in all kinds of soil for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in all kinds of soil upto all depth . including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	41.55	Per Cum.			
2	Providing and laying cement concrete 1:6:12 (1 cement:6 sand : 12 graded stone 40mm agregate nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803, 1202 and 1203 including curing and carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	6.30	Per Cum.			
3	Random rubble Stone masonry work in in cement mortar 1:6 (1 cement :6 sand) in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	20.87	Per Cum.			
4	Construction of dry rubble masonry for retaining walls, breast walls , revetment walls and parapets etc. for sub structure and super structure complete as per drawing and technical specification Clauses 704.6& 1302.5 . including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	26.68	Per Cum.			


 Executive Engineer,
 Rampur Division B&R,
 H.P.P.W.D.. Rampur.

SEHEDULE OF QUANTITY

Name of Work:- Restoration of damages caused by laying of cable by Relience Jio on Kinoo Bhagwat road Km 0/0 to 7/750.(SH:- Construction of V-shape drain at various RDs between Km 0/0 to 0/500).					Estimated cost:- Rs	134788.00
					Earnest money:- Rs	2700.00
					Time:-	One Month
Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Earth work in excavation in all kinds of soil for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in all kinds of soil upto all depth . including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	102.75	Per Cum.			
2	Providing and laying cement concrete 1:3:6(1 cement:3 sand : 6 graded stone 20mm agregate nominal size) for plain/reinforced concrete in Retaining walls , Breast walls etc. complete as per drawing and technical specification clauses 802,803, 1202 and 1203 including curing and carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	21.60	Per Cum.			

Executive Engineer,
Rampur Division B&R,
H.P.P.W.D., Rampur.

SCHEDULE OF QUANTITY

Estimated cost:- Rs 424735.00

Earnest money:- Rs 8500.00

Time:- Three month

Name of Work:- C/O Rain Shelter at Uru on Uru Basri Makdoli road at Km 1/070.

(SH- C/O Civil work thereof)

<i>S.No</i>	<i>Description of items</i>	<i>Qty.</i>	<i>Unit</i>	<i>Rate In figure)</i>	<i>Rate (In Word)</i>	<i>Amount.</i>
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in all kinds of soils in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m. including getting out the excavated soil and disposal of surplus excavated soil as directed, within all leads and lifts including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	25.92	Per Cubic metre.			
2	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the requested gradient and camber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD. specification. 150mm spread thickness (finished work including materials and labour) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1.17	Per Cubic metre.			
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	3.24	Per Cubic metre.			

4	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with Cement mortar 1:6 (1 cement : 6 coarse sand) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	8.59	Per Cubic metre.			
5	Random rubble masonry with hard stone in superstructure above plinth level and upto floor five level, including leveling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) at window sills, ceiling level and the like. Cement mortar 1:6 (1 cement : 6 coarse sand) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	13.56	Cum.			
6	Steel work in built up 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. Hot finished welded type tubes	43.86	kg			
7	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.	1465.80	kg			
8	Providing and fixing 0.60mm (Zero point sixty millimeter) thick pre-painted steel sheet of TATA/ /DUROSHINE in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyster (RNP) organic coating of 20 (Twenty) micron over 5 (Five) microns primer coating to back coat of polyster of 5 (Five) microns over 5 (Five) microns primer coating including fixing with pre-painted iron J or L hooks, bolts and nuts , 6mm diametre with prepainted limpet and rubber washers complete with all accessories as required .Including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	29.97	Sqm.			

9	Providing ridges or hips of width 60 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete. 0.63 mm thick with zinc coating not less than 275 gm/m ²	19.37	Rmt			
10	Providing and laying gang saw cut 30 mm thick, mirror polished pre moulded and pre polished machine cut granite stone of required size and shape of approved shade, colour and texture in footpath, flooring in road side plazas and similar locations, laid over 20mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement mixed with matching pigment, epoxy touch ups etc. complete as per direction of Engineer-in-Charge. With granite stone of area less than 0.50 sqm.	7.56	Sqm.			
11	25mm thick Red stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :	7.82	Sqm.			
12	Providing and fixing M.S.black sheet 1.66 mm to 2mm thick fascia/soffits/eaves board/ceiling fixed with angle iron frame including cutting, welding to steel roof members and applying a coat of red lead primer etc(basae members of steel work shall be measured and paid for separately) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	29.20	Sqm.			
13	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand) including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	46.76	Sqm.			

14	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	46.76	Sqm.			
15	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	21.90	Sqm.			

*Executive Engineer,
Rampur Division(B&R),
H.P.P.W.D., Rampur.*

SEHEDULE OF QUANTITY

Estimated cost:- 492670.00

Earnest money:- 10000.00

Time:- One month

Name of work :- Ipmoveiment of black spot on TJGNK Road 0/00 to 52/00(SH :- Formation cutting at R.D. 11/960 to 11/981 & 11/985 to 12/005).

Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Excavation in earthwork in hilly area all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. 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, in conformity with the requirement of technical specification for Rural Road, August, 2004 and clause 16.2 of General Conditions for Contract to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner including arrangement of dumping site, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge for smooth riding. The recovery for stones, whether useful or not, for 577.51 Cum,@ Rupees 170/= only per cubic metre shall be effected on pro rata basis in all circumstances. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the	1155.01	Per Cubic metre			

Executive Engineer
B&R Division Rampur
H.P.P.W.D. Rampur

SCHEDULE OF QUANTITY

Estimated cost:- **462685.00**

Earnest money:- **9300.00**

Time:- **One month**

Name of work:- Action Plan for improvement of self identified black spot on Approach road to brow bridge via G.G.S.S.S. Rampur km 0/000 to 0/540.

(SH:- P/F steel railing at Km. 0/417 to 0/518 & construction of retaining wall at km 0/360 to 0/365).

(Self Deposit)

S.No	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount.
1	Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	2.18	Cum.			
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	5.22	Cum.			
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size) including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	5.22	Cum.			
4	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 including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	1407.82	Kg.			

5	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	171.40	Sqm.			
6	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	21.30	Cum.			
7	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	9.05	Cum.			
8	Providing and laying cement concrete 1:6:12 (1 cement:6 sand : 12 graded stone 40mm aggregate nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803, 1202 and 1203.including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	4.05	Cum.			
9	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 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm nominal size) including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	2.35	Cum.			

10	Stone masonry work in cement mortar 1:6 Cement mortar Coursed rubble masonry (2nd sort) in foundation & super-structure complete like Retaining wall, Breast walls, wing walls and similar works etc. in all heights complete as per drawing and technical specification for rural roads under Clauses 702, 704, 1202 & 1203 including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	37.94	Cum.			
11	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full with of the structures with slop of 1(v):20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204.3.7 including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	3.00	Each			
12	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification clause 1204.3.8 with granular material. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	4.95	Cum.			
					Total:-	

Executive Engineer,
Rampur Division B&R,
H.P.P.W.D., Rampur.

SCHEDULE OF QUANTITY

Estimated cost:-

496809.00

Earnest money:-

~~5400.00~~ 10,000.00

Time:-

One month

Name of Work :- Repair and maintainance of Bridge at Chatti on Satluj River.

(SH:- C/O R/wall from RD 0/000 to 0/008 approach road to Chatti Bridge , P/F W- Metal beam crash barrier and Delenator)

Sr. No.	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount
1	Earth work in excavation by mechanical means (Hydraulic excator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10sqm plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	4.40	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 P.C.C. M-10(1) (Mechanical mix and vibrated graded crushed stone aggregate) 1:3:6, including carriage of materials through all modes of transportation with in all leads and lifts, as per PWD specifications and as per direction of the Engineer-in-charge.	87.04	Per Cubic metre.			
3	Supplying, fitting and placing MS bar reinforcement in foundation complete as per drawings and technical specifications Clauses 1000 and 1202 including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	0.05	P/MT			
					Total:-	

Executive Engineer,
Rampur Division B&R,
H.P.P.W.D., Rampur.

SCHEDULE OF QUANTITY

Estimated cost:-

261607.00

Earnest money:-

5300.00

Time:-

One month

Name of Work :- Repair and maintainance of Bridge at Chatti on Satluj River.

(SH:- C/O R/wall from RD 0/08 to 0/20 approach road to Chatti Bridge , P/F W- Metal beam crash barrior and Delenator)

Sr. No.	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount
1	Earth work in excavation by mechanical means (Hydraulic excator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10sqm plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	3.48	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 P.C.C. M-10(1) (Mechanical mix and vibrated graded crushed stone aggregate) 1:3:6, including carriage of materials through all modes of transportation with in all leads and lifts, as per PWD specifications and as per direction of the Engineer-in-charge.	31.32	Per Cubic metre.			
3	Supplying, fitting and placing MS bar reinforcement in foundation complete as per drawings and technical specifications Clauses 1000 and 1202 including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	0.09	P/MT			
4	Providing and fixing post delineators made of ABS round body fitted with 2 nos 100 mm dia high reflective reflectors and mounted on MS pipe of 65 mm dia duly powder coated anti-rust and anti theft steel to be installed as per direction of Engineer-in-charge.	15.00	Each			

5	Providing and erecting a "W" metal double beam crash barrier comprising of 3mm thick crugated sheet metal beam rail 70 cm. above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 1.5 m centre to centre. 1.8 m high, 1.1 m below ground/road level all steel parts and fitments to be galvanised by hot dip process, all fitting to conform to IS 1367 and IS: 1364 metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm 330 mm long complete as per clause 810. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	20.00	Per R/M		
					Total:-

Executive Engineer,
Rampur Division B&R,
H.P.P.W.D., Rampur.

SCHEDULE OF QUANTITY

Estimated Cost ₹ 2,13,169.00

Earnest Money 4300.00

Time :- One month

Name of Work :- Repair and maintainance of Chatti Bridge over satluj River & Samaj Sarpara Bridge .
(SH:- Painting of Chaati and Samaj Sarpara bridge)

Sr. No.	Description of items	Qty.	Rate		Unit	Amount
			In Fig.	In Words		
1	Removing old paint from Steel and other metal surfaces & making the surface even. With paint remover of approved brand and manufacture including carriage of materials through all modes of transportation with in all leads and lifts, as per PWD specifications and as per direction of the Engineer-in-charge.	1153.51			Per Sqm	
2	Applying priming coat over new steel & other metal surfaces after & including preparing the surface by thoroughly cleaning oil grease dirt and other foreign matter and scoured with wire brushes fine steel wool scrapers and sand paper complete. With ready mixed priming paint brushing red lead, Red-oxide/zinc oxide chrome. including carriage of materials through all modes of transportation with in all leads and lifts, as per PWD specifications and as per direction of the Engineer-in-charge.	1153.51			Per Sqm	
3	Painting two coats (excluding priming coat) on new steel and other metal surface under coat with ready mixed paint brusing to give an even shade including cleaning the surface all dirt, dust and other foreign matter. With readymixed paint other than white including carriage of materials through all modes of transportation with in all leads and lifts, as per PWD specifications and as per direction of the Engineer-in-charge.	1153.51			Per Sqm	
				Total:-		

Executive Engineer,
Rampur Division (B&R),
HP.PWD, Rampur

SCHEDULE OF QUANTITY

Name of work:- Annual repair and maintainance of SE's residence at pipty Tehsil Rampur Distt. Shimla (H.P.)

Estimated Cost 259440.00

Earnest Money 5200.00

(SH:-P/F Cloth curtain in SE's Residence).

Time :-Fifteen days

Sr. No.	Description of items	Qty.	Rate		Unit	Amount
			In Fig.	In Words		
1	Providing and fixing De-core curtain cloth (Size not less than 1.15 m x 2.35 m) cloth product have a rich and colourfull style , bright skin texture , tecture soft and easy cleane its great luxurious including rooling channel ,rollers and other essential accessories .including all accessories complete as per direction of Engineer-in-charge and entire satisfaction of Engineer-in-Charge.	92.00			Each	
				Total:-		

Executive Engineer,
Rampur Division (B&R),
HP.PWD; Rampur.

SCHEDULE OF QUANTITY

Name of Work :- A/R & M/o various roads in Rampur Section under Rampur Sub-Division, HP PWD Rampur. (SH: Providing and fixing Confirmatory/Mandatory Retro-reflectorised Sign Boards and ABS plastic road studs).					Estimated cost:-	Rs. 292600.00
					Earnest money:-	Rs. 5900.00
					Time:-	One month
Sr.No.	Description	Qty.	Unit	Rate in Figure	Rate in word	Amount
1	Providing and fixing of 900mm (Nine hundred milimetre) triangular retro-reflectorised cautionery, mandatory, Informatory sign boards as per IRC:67 made of encapsulated lense type reflective sheet vide clause 1701.2.3 fixed over aluminium sheeting 1.5mm (One point five milimetre)thick supported on 2430 mm long one by post made of M.S. angle/pipe 50mmx50mm (Fifty into fifty milimetre) as per drawing and Technical specifications as per IRC-67-2001 including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.The rate including GST or any other taxes imposed by the Government.	10.00	Each			
2	Providing and fixing of 600mm (six hundred milimetre) circular retro-reflectorised cautionery, mandatory, Informatory sign boards as per IRC:67 made of encapsulated lense type reflective sheet vide clause 1701.2.3 fixed over aluminium sheeting 1.5mm (One point five milimetre)thick supported on 2430 mm long one by post made of M.S. angle/pipe 50mmx50mm (Fifty into fifty milimetre) as per drawing and Technical specifications as per IRC-67-2001 including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.The rate including GST or any other taxes imposed by the Government.	8.00	Each			

3	Providing and fixing ABS plastic road stud dimension 100x100x20mm in yellow, white and red colour two way acrylic prismatic reflector s per drawing and Technical specifications including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge. The rate including GST or any other taxes imposed by the Government.	450.00	Each			

Executive Engineer,
Rampur Division (B&R),
M.P.P.W.D., Rampur.

SCHEDULE OF QUANTITY

Name of Work :- A/R & M/o various roads in Rampur Section under Rampur Sub-Division, HP PWD Rampur. (SH: Supplying and fixing ABS plastic Speed Breakers).					Estimated cost:-	Rs. 476000.00
					Earnest money:-	Rs. 9600.00
					Time:-	One month
Sr.No.	Description	Qty.	Unit	Rate in Figure	Rate in word	Amount
1	Supplying and fixing of speed breaker having dimensions 760x250x50mm moulded in ABS Plastic Alloy with PNM Amber colour, yellow and black as per drawing and Technical specifications as per IRC-67-2001 including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge. The rate including GST or any other taxes imposed by the Government.	85.00	Per metre			

Executive Engineer,
Rampur Division (B&R),
H.P.P.W.D., Rampur.

SEHEDULE OF QUANTITY

Estimated cost:- 220511.00
Earnest money:- 4500.00
Time:- One Month

Name of Work:-R/R damages on Mashnoo Takelch road Km 38/000 to 48/000

(SH:- C/o wire crate R/wall with PCC toe wall at RD 47/420 to 47/430)

Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	<i>Excavation in Hill area by manual/mechanical means:-</i> <i>Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hardd rock 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 chiselling and wedging out rock(where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer-in-Charge, in conformately with the requirement of technical specification of rural roads clause 1603.1 all useful material such as stone, shingle, aggregates& slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.</i>	21.00	Per Cubic metre			
2	Earth work in excavation by mechanical means (Hydraulic excator) / manual means over area (exceeding 30 cm in depth 1.5m in width as well as 10 sqm plan) including getting out and disposal of excavated earth lead upto 50m and lift upto 1.5m as directed by Engineer-in-charge including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	19.50	Per Cubic metre			

3.00	Providing and laying cement concrete 1:6:12 (1 cement : 6 Sand :12 graded stone aggregate 40mm nominal size) and curing complete excluding the cost of form work in Foundation and plinth. including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	3	Per Cubic metre			
4	Providing and laying plain cement concrete PCC Grade M -10 (Ten) nominal mix 1:3:6 (one cement: three sand: six graded crushed stone aggregate 20mm (twenty milimetre) nominal size concrete for plain/reinforced concrete in open foundations complete including form work as per drawings and Technical Specifications Clause 802, 803, 1202 & 1203 and as per the direction of the Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals.	16.8	Per Cubic metre			
5	<i>Providing and laying of boulder apron laid in wire crates with 4mm dia G.I. wire conforming to IS:280 and IS: 4826 in 100mmx100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25Kg each as per drawing and technical specifications Clause 1301 including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.</i>	46.88	Per Cubic metre			
6	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification clause 1204.3.8 with granular material. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	5.40	Per Cubic metre			
					Total:-	

Executive Engineer,
Rampur Division B&R,
H.P.P.W.D., Rampur.

SEHEDULE OF QUANTITY

Estimated cost:- 210650.00

Earnest money:- 4300.00

Time:- One Month

Name of Work:-A/R & M/O |Mashnoo Taklech road Km 0/000 to 48/000 Portion 12/000 to 38/000

(SH:- C/O unlined drain in Km 29/500 to 34/500)

Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Construction of unlined surface drains of average cross- sectional area 0.40 sqm in soil to specified lines, grades, levels and dimensions excavated material to be used in embankment with a lift upto 3m and lead of 50m (average lead 25m) as per technical specification clause 307. including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	5500.00	Per Running metre			
					Total:-	

Executive Engineer,
Rampur Division B&R,
H.P.P.W.D., Rampur.

SEHEDULE OF QUANTITY

Estimated cost:- 210650.00
 Earnest money:- 4300.00
 Time:- One Month

Name of Work:-A/R & M/O |Mashnoo Taklech road Km 0/000 to 48/000 Portion 12/000 to 38/000

(SH:- C/O unlined drain in Km 23/500 to 29/000)

Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Construction of unlined surface drains of average cross- sectional area 0.40 sqm in ^{all kinds of} soil to specified lines, grades, levels and dimensions excavated material to be used in embankment with a lift upto 3m and lead of 50m (average lead 25m) as per technical specification clause 307. including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	5500.00	Per Running metre			
					Total:-	

Executive Engineer,
 Rampur Division B&R,
 W.P.W.D., Rampur.