



**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

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

No. PW/ RMP/TA-I/Publication/2022- 11844
To

Dated:- 12-10-22

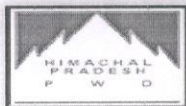
The Executive Engineer (IT Cell),
Nigam Bihar, H.P. Shimla-2.

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



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HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT

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 **22.10.2022** 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 **21.10.2022** 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 **21.10.2022** 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 R/R damages on Kumsu Kamlahoo Kareri road Km. 0/000 to 12/000 (SH:- C/O R/wall at RD 8/195 to 8/215) **ESTIMATED COST** Rs.3,51,759/- **EARNEST MONEY** Rs.7,000/- **TIME LIMIT:-** Two Month **COST OF FORM** Rs. 350/-

WORK No-2 C/O Bhutti Khardharan road Km. 0/000 to 12/000 (SH:- C/O R/R masonry R/wall at RD 7/870 to 7/890) **ESTIMATED COST** Rs.3,77,747/- **EARNEST MONEY** Rs.7,600/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-

WORK No-3 R/R damages on Mashnoo Taklech road Km. 0/000 to 48/000 (portion Km. 12/000 to 38/000) (SH:- C/O wire crate R/wall at RD 37/765 to 37/785) **ESTIMATED COST** Rs.1,67,851/- **EARNEST MONEY** Rs.3,400/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-4 R/R damages on Rampur Gaura Mashnoo Jeori road Km. 0/000 to 61/000 (SH:- C/O R/wall in R.R. masonry at RD 54/400 to 54/412) **ESTIMATED COST** Rs.2,26,671/- **EARNEST MONEY** Rs.4,500/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-5 Improvement of black spot & passing point on Katolu Ganvi Fancha road Km. 0/000 to 17/454 (ROFD between RD's 0/835 to 0/850, 0/915 to 0/930, 1/680 to 1/710, 2/725 to 2/755, 4/180 to 4/240, 4/700 to 4/730, 6/705 to 6/730, 8/575 to 8/710 & 8/710 to 9/210) **ESTIMATED COST** Rs.4,71,317/- **EARNEST MONEY** Rs.9,400/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-6 Improvement of black spot & passing point on Katolu Ganvi Fancha road Km. 0/000 to 17/454 (ROFD between RD's 9/530 to 9/555, 10/705 to 10/900, 11/480 to 11/510, 12/885 to 12/93, 13/105 to 13/150, 13/385 to 13/400, 16/285 to 16/450 & 16/630 to 16/645) **ESTIMATED COST** Rs.4,85,551/- **EARNEST MONEY** Rs.9,700/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-7 R/R damages on Kumsu Kamlahoo Kareri road Km. 0/000 to 12/000 (SH:- C/O PCC R/wall at RD 8/795 to 8/810) **ESTIMATED COST** Rs.2,32,515/- **EARNEST MONEY** Rs.4,600/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-8 C/O Nogli Power House to Khakrola Village at Km. 0/000 to 0/920 (SH:- C/O R/wall at Km. 0/090 to 0/105, 0/135 to 0/145 & 0/285 to 0/300) **ESTIMATED COST** Rs.4,42,123/- **EARNEST MONEY** Rs.8,800/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-9 A/R & M/O Residential accommodation of E.E. (NH) HPPWD Rampur (SH:- P/F vetrified tiles, sanitary work & steel work etc.) **ESTIMATED COST** Rs.4,52,963/- **EARNEST MONEY** Rs.9,100/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-10 R/R damages on Rampur Gaura Mashnoo Jeori road at Km. 0/000 to 61/000 (SH:- C/O wire crate B/wall at RD 22/375 to 22/390) **ESTIMATED COST** Rs.1,18,680/- **EARNEST MONEY** Rs.2,400/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-11 R/R damages on Kinoo Bhagawat road Km. 0/000 to 5/000 (SH:- C/O wire crate R/wall at Km. 7/440 to 7/456.80) **ESTIMATED COST** Rs.4,87,478/- **EARNEST MONEY** Rs.9,700/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-

WORK No-12 A/R & M/O to Judicial Complex Building at Rampur Distt. Shimla H.P. (SH:- P/F Semicircular CGI sheet gutter, P/F PVC pipe 150mm and P/F Cupboard Room No. 4 in ACJM Office) **ESTIMATED COST** Rs.1,76,527/- **EARNEST MONEY** Rs.3,500/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-13 A/R & M/O Residential accommodation of E.E. (N.H) HPPWD at Rampur (SH:- P/F 2nd class teak wood in all lining) **ESTIMATED COST** Rs.4,61,166/- **EARNEST MONEY** Rs.8,000/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-14 C/O Chhoti Raikhad to Kanchi road Km. 0/000 to 1/450 (SH:- C/O wire crate R/wall at Km. 0/510 to 0/526.80 & B/wall at Km. 0/510 to 0/536.60) Deposit work **ESTIMATED COST** Rs.3,94,000/- **EARNEST MONEY** Rs.7,900/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-15 A/R & M/O Residential accommodation of Type-II Qtrs. P-42, 43,44 & PH 51 to PH-54 & Type-III (PH-6) at Rampur (SH:- Kota stone flooring in front of Qtr. P-42 & P-43, 44 RHS & P/F steel main Gate Qtr. PH51 to PH-54) **ESTIMATED COST** Rs.1,10,682/- **EARNEST MONEY** Rs.2,220/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-16 A/R & M/O Residential accommodation of (Type-II) Qtr. P-10, 11 P-14, 15 at Rampur (SH:- P/L paver blocks Qtr. No. 10,11 and P/L CC 1:3:6 Qtr. No. 14,15) **ESTIMATED COST** Rs.1,11,072/- **EARNEST MONEY** Rs.2,200/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-17 C/O Cremation shed, Khopri Distt. Shimla (SH:- Civil works etc.) **ESTIMATED COST** Rs.2,46,580/- **EARNEST MONEY** Rs.5,000/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-18 A/R & M/O Residential accommodation of E.E. Residence (B&R) at Rampur (SH:- Brick work, plastering, wall painting etc.) **ESTIMATED COST** Rs.1,19,269/- **EARNEST MONEY** Rs.2,400/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-19 R/R damages on Mahsnoo Takleeh road Km. 0/000 to 48/000 (Portion 38/000 to 48/000 (SH:- C/O wire crate R/wall with PCC Toe wall at 43/225 to 43/232.50) **ESTIMATED COST** Rs.2,55,653/- **EARNEST MONEY** Rs.5,100/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

WORK No-20 R/R damages on Mahsnoo Takleeh road Km. 0/000 to 48/000 (Portion 12/000 to 38/000 (SH:- C/O wire crate R/wall at RD 37/765 to 37/785) **ESTIMATED COST** Rs.1,67,851/- **EARNEST MONEY** Rs.3,400/- **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.

No: - RMP/Tender/2022

11838-43

Dated:- 12-10-2022

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.

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

SCHEDULE OF QUANTITY

Estimated cost :- 351759.00
 Earnest money :- 7000.00
 Time allowed:- Two Months

Name of Work:- R/R Damages on Kumsu Kamlahoo Kareri road km 0/000 to 12/000.
 (SH:- C/O R/Wall at Rd 8/195 to 8/215).

Sr. 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 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 absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	16.80	Per Cubic metre.			
2	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 all leads , dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth. 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.	13.90	per cubic metre			
3	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.	5.60	Per Cubic metre			

4	Providing and laying cement concrete 1:5:10 (1 cement : 5 sand : 10 aggregate stone 40mm nominal size) including the cost of form work for plain/ reinforced concrete in retaining walls, breast walls, the size of plum should be 150 to 300 mm. as per drawing and H.P.P.W.D. technical specifications. 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.	63.00	Per Cubic metre			
5	Providing weep holes in brick/ stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204.3.7 including carriage of material within all leads and lifts and other incidentals. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	48.00	Each			
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 Engineer-in-Charge.	12.90	Per Cubic metre.			

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

SCHEDULE OF QUANTITY

Estimated Cost:- 377747.00
Earnest Money:- 7600.00
Time:- Two Month

Name of Work:- C/O Bhutti Khadharan Road km 0/000 to 12/000.
(SH:-C/O R/R Masnory R/Wall at RD 7/870 to 7/890).

Sr. No	Description of items	Quantity	Unit	Rate (In figure)	Rate (In Word)	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 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. 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.	29.20	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 bracin, 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.	23.20	Per Cubic meter			

3	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.	8.60	Per Cubic metre			
4	Random rubble stone masonry in cement mortar 1:6(1cement:6sand) for 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 hauling of material in all leads and lifts as jper the entire satisfaction and direction of the Engineer-in-Charge.	70.50	Per Cubic metre			
5	Providing weep holes in brick/ stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204.3.7 including carriage of material within all leads and lifts and other incidentals. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	50.00	Each			
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.	13.20	Per Cubic metre.			
Total:-						

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

SCHEDULE OF QUANTITY

Estimated cost:- 226671.00
 Earnest money:- 4500.00
 Time:- One Month

Name of Work :- R/R Damages on Rampur Gaura Mashnoo Jeori road Km 0/000 to 61/000 in Tehsil Rampur Distt. Shimla.
(SH:- C/O R/Wall in R.R Masonary at RD 54/400 to 54/412).

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	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.	29.17	Per Cubic metre.			
2	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 all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth. 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.	10.22	per cubic metre			
3	Providing and laying cement concrete 1:6:12 (1 Cement:6 Sand: 12 graded stone 40 mm nominal size) for 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.	3.83	Per Cubic metre.			

5	Random rubble stone masonry in cement mortar 1:6(1cement:6sand) for 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 hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	23.18	Per Cubic metre			
4	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 hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	2.14	Per Cubic metre.			
6	Construction of dry rubble masonry for retaining walls, breast walls , revetment walls and parapets etc for substructure and superstructure complete as per drawings and technical specifications Clause 704.6& 1302.5 including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	33.99	Per Cubic metre			
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 Engineer-in-Charge.	18.00	Per Cubic metre.			

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

SCHEDULE OF QUANTITY

Estimated cost :- **471317.00**
 Earnest money :- **9400.00**
 Time allowed:- **One Month**

NAME OF WORK: - Improvement of Blackspot & Passing point on Katolu Ganvi Fancha road Km 0/000 to 17/545.

(SH:- R.O.F.D. between RD's 0/835 to 0/850, 0/915 to 0/930, 1/680 to 1/710, 2/725 to 2/755, 4/180 to 4/240, 4/700 to 4/730, 6/705 to 6/730, 8/575 to 8/710 & 8/710 to 9/210).

Sr. No.	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	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 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 133.36 cum. (one hundred thirty three point thirty six per cubic metre) @ Rupees 170/= only (Rs. one hundred seventy 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 contractor, which shall have to be duly compensated by him in all cases.	2589.37	Per Cubic metre			

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

SCHEDULE OF QUANTITY

Estimated cost :- **485551.00**
 Earnest money :- **9700.00**
 Time allowed:- **One Month**

NAME OF WORK: - Improvement of Blackspot & Passing point on Katolu Ganvi Fancha road Km 0/000 to 17/545.

(SH:- R.O.F.D. between RD's 9/530 to 9/555, 10/705 to 10/900, 11/480 to 11/510, 12/885 to 12/930, 13/105 to 13/150, 13/385 to 13/400, 16/285 to 16/450 & 16/630 to 16/645).

Sr. No.	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	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 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 141.60 cum. (one hundred forty one point sixty per cubic metre) @ Rupees 170/= only (Rs. one hundred seventy 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 contractor, which shall have to be duly compensated by him in all cases.	2655.46	Per Cubic metre			

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

SCHEDULE OF QUANTITY

Estimated cost :- **232515.00**
 Earnest money :- **4600.00**
 Time allowed:- **One Month**

Name of Work:- R/R Damages on Kumsu Kamlahoo Kareri road Km 0/000 to 12/000.

(SH:-C/O PCC R/Wall at RD 8/795 to 8/810).

Sr. No	Description of items	Quantity	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 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.	22.35	Per Cubic metre.			
2	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 all leads , dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth. 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.	16.05	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 :1:4:8 (1 Cement : 4 coarse sand) : 8 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.	42.82	Cum.			

4	Providing weep holes in brick/ stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204.3.7 including carriage of material within all leads and lifts and other incidentals. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	38.00	Each			

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

SCHEDULE OF QUANTITY

Name of work :- Construction of Nogli Power House to Khakrola Village at Km 0/00 to 0/920.
Sub head :- Construction of Retaining wall at Km 0/090 to 0/105 , 0/135 to 0/145 , & 0/285 to 0/300)

Estimated cost:-
Earnest money:-
Time:-

442123.00
8800.00
One month

S.N	Description of Item	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount.
1	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.	16.75	P. Cum			
2	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 carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per	18.30	P. Cum			
3	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 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.	10.25	P. 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 materials and labour)including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	66.81	P. Cum			
5	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 specifications.including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	101.00	Each			
6	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification clause 1204.3.8 with granular material.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.	27.60	P. Cum			

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

SCHEDULE OF QUANTITY

Estimated cost:- 452963.00
Earnest money:- 8000.00
Time:- One month

Name of Work:-A/R & M/O Residential accomodation of E.E(N.H)HP.PWD. at Rampur .
SH-P/F Vetrified Tiles, Sanitary work & steel work etc)

Sr. No.	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount
1	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc. complete size of tiles 600x600 mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	170.06	Sqm			
2	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	10.94	Sqm			
3	Providing and fixing 18 mm thick, 150 mm wide pelmet of coir veneer board ISI marked IS : 14842, including top cover of 6 mm coir veneer board, nickle plated M.S. Pipe 20 mm dia. (heavy type) curtain rod with nickel plated brackets, including fixing with 25x3 mm M.S. Flat 10 cm long fixed to pelmet with hollock wood cleats of size 100 mm x 40 mm x 40 mm on both inner side of pelmet and rawl plugs 75 mm long etc. all complete.including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	3.6	metre			

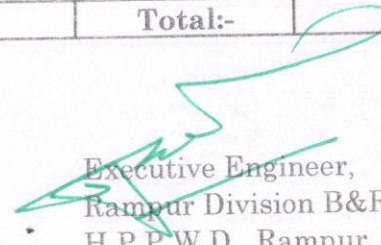
	Chequered terrazo tiles 22 mm thick with graded marble chips of size up to 6 mm in floors, jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete, on 20 mm thick bed of cement mortar 1:4 (1 cement :4 coarse sand) :Medium shade pigment using 50% white cement, 50% ordinary cement including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	29.85	Sqm			
5	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade New work (two or more coats) over and including water thinnable priming coat with cement primer including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	160.24	Sqm			
6	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade Two or more coats on new work over an under coat of suitable shade with ordinary paint 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.	265.67	Sqm			
7	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.	235.31	Sqm			
8	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 hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	297	kg			

	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required Stainless Steel AISI-304(18/8) Orissa pattern W.C. pan of size 585x480 mm with flush pipe and integrated type foot rests including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	2	Each			
10	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required W.C. pan with ISI marked white solid plastic seat and lid including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1	Each			
11	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	3	Each			
12	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink without drain 610x510 mm bowl depth 200 including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1	Each			
13	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1	Each			

14	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete Flexible pipe 32 mmdia including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	4	Each			
15	Providing and fixing 100 mm CP grating for gully trap including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	4	Each			
16	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	3	Each			
17	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1	Each			
18	Providing and fixing toilet paper holder C.P. brass including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1	Each			
19	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1	Each			
20	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms.including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	2	Each			

21	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1	Each			
22	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes confirming to IS 15801, UV stabilized & anti - microbial fusion welded, having thermal stability for hot & cold water supply, including all PP - R plain & brass threaded polypropylene random fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes testing of joints complete as per direction of Engineer-in-Charge PN - 16 Pipe, 20mm OD (SDR-7.4)including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	10.7	Metre			
23	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc 15 mm dia nominal bore including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	15.6	Metre			
24	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 15 mm nominal bore including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	6.00	Each			
25	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms 15 mm nominal bore including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	2	Each			
26	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931. 15 mm nominal bore including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	4	Each			
27	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	4.00	Each			

Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete 75 mm.including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	16.50	Each			
				Total:-	


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

SCHEDULE OF QUANTITY

Estimated Cost:- 118680.00
Earnest Money:- 2400.00
Time:- One Month

Name of Work:- R/R Damages on Rampur Gaura Mashnoo Jeori road at km RD 0/000 to 61/000.
(SH:- C/O Wire Crate B/Wall at RD 22/375 to 22/390).

Sr. No	Description of items	Quantity	Unit	Rate (In figure)	Rate (In Word)	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 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. 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.	68.63	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.	5.63	Per Cubic meter			
3	Providing and laying boulder apron laid in wire crates made with G.I.wire conforming to IS :280 & IS 4826 in 100mmx100mm mesh (woven diagonally including 10% extra for laps and joints laid with stone boulder weighing not less than 40 kg each. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge	43.20	Per Cubic meter			

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

SCHEDULE OF QUANTITY

Estimated Cost:- 487478.00
Earnest Money:- 9700.00
Time:- Two Months

Name of Work:- R/R damages on Kinoo Bhagawat road km 0/000 to 5/000.
(SH:- C/O wire crate R/Wall at km 7/440 to 7/456.80).

Sr. No	Description of items	Quantity	Unit	Rate (In figure)	Rate (In Word)	Amount
1	Dismantling of boulder apron laid in wire crate with 4mm dia G.I. wire confirming to IS:280 and IS:4826 in 100mm. Mesh (worn diagonally) including 10% extra for laps and laid with stone boulders weighing not less than 25 kg. each and including clearing the site in all respects. 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.	196.99	Per Cubic metre			
2	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 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. 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.	16.13	Per Cubic metre			

3	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 getting out the excavated soil as directed, within a lead of 50 m. including hauling of material in all leads and lifts as per entire satisfaction and direction of the Engineer-in-charge	16.13	Per Cubic metre			
4	Providing and laying boulder apron laid in wire crates mate with G.I.wire confirming to IS :280 & IS 4826 in 100mmx100mm mesh (weaved diagonally including 10% extra for laps and joints laid with stone boulder weighing not less than 25 kg each as per drawing and technical specifications Clause 1301 including the cost form work and hauling of materials through all modes of transportation within all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	176.26	Per Cubic metre.			
5	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.	17.28	Per Cubic metre.			
					Total:-	
	less credit of usefull dressed stones obtained from dismantling 196.99 m3 @ 60%= 118.19 m3	118.19	Per Cubic metre.	600.00	(Rs.six hundred and paise zeo) only	70914.00
					Net Amount:-	

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

SCHEDULE OF QUANTITY

Estimated Cost:- 176527.00
Earnest Money:- 3500.00
Time:- One Month

Name of Work: A/R & M/O to Judicial Complex Building at Rampur Distt. Shimla (H.P.)
(SH:- P/F Semicircular CGI Sheet gutter, P/F PVC pipe 150mm and P/F Cupboard Room no 4 in ACJM office)

Sr. No	Description of items	Quantity	Unit	Rate (In figure)	Rate (In Word)	Amount
1	Providing corrugated P.G.I. sheet prepainted sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. 0.63 mm thick with zinc coating not less than 275 gm/ m ² 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.	23.52	Per Square metre			
2	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 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.	243.69	Kilogram			
3	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, 100 mm diameter 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.	24.00	Metre			
4	Providing and fixing P.V.C. Bend 87.5° 150 mm bend 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			

5	Providing and fixing P.V.C. Single tee with door 150 mm 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			
6	Providing and fixing PVC clamps ISI marked of approved design with steel screws and rawal plugs etc. complete.150 mm 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.	6.00	Each			
7	Providing woodwork in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position. 1st class Kail 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.	0.09	Per Cubic metre			
8	Providing and fixing 19 mm thick shutters for cup board etc. :Second class deodar wood including ISI marked anodised aluminium butt hinges with necessary screws 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.	28.80	Per Square metre			
9	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc 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.	51.00	Per Square metre			
10	Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete :2nd class teak wood:-50x20 mm 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.	42.00	Running Metre			

11	Providing and fixing 50 mm bright finished brass cup board or wardrobe knob of approved quality with necessary screws.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.	6.00	Each			
12	Providing and fixing Ply wood 5mm ply with commercial ply on both faces 6 mm 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.	9.00	Per Square metre			
13	Providing and fixing special quality chromium plated brass cupboard locks with six levers of approved quality including necessary screws etc. complete.40 mm 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.	6.00	Each			
14	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. 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.	15.00	Each			
					Total:-	

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

SCHEDULE OF QUANTITY

Estimated cost:- 461166.00
Earnest money:- 8000.00
Time:- One month

Name of Work:-A/R & M/O Residential accomodation of E.E (N.H)HP.PWD. at Rampur.

(SH-P/F 2nd class teak wood in wall lining)

Sr. No.	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount
1	Providing and fixing 2nd class teak wood plain lining tongued and grooved, including wooden plugs complete with necessary screws and priming coat on unexposed surface 25 mm thick including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	119.28	Sqm.			
					Total:-	

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

SCHEDULE OF QUANTITY

Estimated cost :- **394000.00**
 Earnest money :- **7900.00**
 Time allowed:- **Two Months**

NAME OF WORK: - C/O Chhoti Raikhad to Kanchi road Km 0/000 to 1/450.

(SH:- C/O wire crate R/Wall at Km 0/510 to 0/526.80 and B/Wall at Km 0/510 to 0/536.60) (Deposit works).

Sr. 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 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.	93.60	Per Cubic metre.			
2	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 all leads , dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth. 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.	25.71	per cubic metre			
3	Providing and laying boulder apron laid in wire crates mate with G.I.wire confirming to IS :280 & IS 4826 in 100mmx100mm mesh (weaved diagonally including 10% extra for laps and joints laid with stone boulder weighing not less than 25 kg each as per drawing and technical specifications Clause 1301 including the cost form work and hauling of materials through all modes of transportation within all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	138.24	Per Cubic metre.			

4	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.	10.08	Per Cubic metre.			

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

SCHEDULE OF QUANTITY

Estimated cost:- 110682.00
Earnest money:- 2220.00
Time:- One month

Name of Work:-A/R & M/O Residential accomodation of Type-II Qtrs. P-42,43,44 & PH51 to PH-54 & Type-III (PH-6)at Rampur
(SH-Kota stone flooring in front of Qtr P-42 & P-43,44 RHS & P/F Steel Main Gate Qtr. PH 51 to PH-54)

Sr. No.	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount
1	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	30.18	Sqm.			
2	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 including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	363.03	kg			
3	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.	4.18	Sqm.			
4	Providing and fixing ISI marked oxidised M.S. single acting spring hinges with necessary screws etc. complete :150 mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	6.00	Each			

5	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete :300x16 mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	2.00	Each			
6	Providing and laying Duro stone vetrified tiles (300x300mmx8mm) in grey/coloured of required shade in skirting risers of steps and dados on 12mm thick cement mortar 1:3 (1 cement : 3 sand) laid over and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1.98	Sqm.			
7	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc 15mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	6.00	R/M			
8	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work)15mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	2.00	Each			
9	Providing and fixing CP grating of approved quality and colour 100 mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1.0	Each			
10	Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C pan) with seat & lid fixed with C.P. brass hinges and rubber buffers, 10 litre low level flushing cistern with fitting and brackets, 40 mm flush bend, 20 mm over flow pipe, with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required:White vitreous china dual purpose WC pan with white solid plastic seat and lid with white vitreous china flushing cistern and C.P. flush bend	1	Each			

11	Providing and fixing CP stop cock of approved quality and colour.20mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1	Each			
12	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1	Each			
13	Providing and fixing PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1	Each			
14	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, .75 mm diameter including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	0.90	Metre			
15	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1	Each			
16	P/F C.P brass bib tap including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	2	Each			
					Total:-	

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

SCHEDULE OF QUANTITY

Estimated Cost:- 111072.00
Earnest Money:- 2200.00
Time:- One Month

Name of Work:- A/R & M/O Residential accomodation of (type-ii) Qtr. P-10, 11 P-14, 15 at Rampur
(SH:- P/L, Paver blocks Qtr. No. 10,11 and P/L C.C 1:3:6 Qtr. No. 14, 15).

Sr. No	Description of items	Quantity	Unit	Rate (In figure)	Rate (In Word)	Amount
1	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 bracin , 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.	17.54	Per Cubic meter			
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size)including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	15.46	Per Cubic metre.			
3	Providing and laying factory made chamfered edge cement concrete paver blocks in footpath, parks, lawns, drve wats or light traffic parking etc, of required strength, thickness & size/shape, made by table vibratory method using PU mould, laid in required colur & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as requird size and pattern, finishing and sweeping extra sand complete all as per the direction of Engineer-in- charge including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	83.44	Per Square metre.			
					Total:-	

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

SCHEDULE OF QUANTITY

Estimated cost:- 246580.00
Earnest money:- 5000.00
Time:- One month

Name of Work:- Contruction of Cremation Shed ,Khopdi Distt-Shimla (H.P)
(SH-Civil works etc).

Sr. No.	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount
1	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.	8.64	Cum			
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 hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	8.64	Cum.			
3	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 worksincluding hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	859.00	kg			
4	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) miocrons 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.	27.56	Sqm.			

5	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. 0.80 mm thick with zinc coating not less than 275 gm/m ² including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	5.20	Rmt.			
6	Kharanja Stone soling properly handpacked filling interstices with Kharanja stone and consolidating with power road roller to the requested gradient and comber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD specification. 100 mm 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.	4.70	Cum			
7	50 mm thick cement concrete flooring with concrete hardener topping, under layer 40 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate 6 mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacturer's specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	31.36	Sqm.			
8	Providing and laying fire brick refractory is a block of ceramic material used in lining furnaces, kilns, fireboxes, and fireplaces. A refractory brick is built primarily to withstand high temperature, but will also usually have a low thermal conductivity for greater energy efficiency. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	2.40	Cum.			
					Total:-	

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

SCHEDULE OF QUANTITY

Estimated Cost:- 119269.00

Earnest Money:- 2400.00

Time:- One Month

Name of Work: A/R & M/O Residential accommodation of E.E. Residence (B&R) at Rampur.
(SH:- Brick Work, Plastering, Wall Painting etc.).

Sr. No	Description of items	Quantity	Unit	Rate (In figure)	Rate (In Word)	Amount
1	Brick work with clay fly ash F.P.S. (non modular) brick of class designation 7.5 in superstructure above plinth level up to floor five level in : : Cement mortar 1:6 (1 cement : 6 coarse 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.	0.95	Per Cubic metre			
2	15 mm cement plaster of mix: 1:6 (1 cement: 6 coarse 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.	100.67	Per Square metre			
3	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth 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.	218.18	Per Square metre			
4	Finishing walls with 100% Premium acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives New work (Two or more coats applied @ 1.43 litre/ 10 sqm. Over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm. 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.	218.18	Per Square metre			

5	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 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.	258.51	Kilogram			
					Total:-	

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

SCHEDULE OF QUANTITY

Estimated cost:- **255653.00**
 Earnest money:- **5100.00**
 Time:- **One month**

NAME OF WORK: - R/R Damages on Mashnoo Taklech road km 0/000 to 48/000. (Portion 38/00 to 48/000)
(SH:-C/O wire crate R/Wall with P.C.C. Toe Wall at 43/225 to 43/232.50).

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (In Word)	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 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. 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.	19.13	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.	14.40	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.	2.40	Per Cubic metre.			
4	Providing and laying cement concrete 1:4:8 (1 cement : 4 sand :8 Graded 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.	30.45	Per Cubic metre			
5	Providing and laying of boulder apron laid in wire crates with 4mm dia G.I. wire conforming to 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.	35.16	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 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.	9.90	Per Cubic metre.			
Total:-						

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

SCHEDULE OF QUANTITY

Estimated Cost:- 167851.00
Earnest Money:- 3400.00
Time:- One Month

Name of Work:-R/R Damages on Mashnoo Taklech Road km 0/000 to 48/000.(Portion km 12/000 to 38/00.)
(SH:- C/O Wire Crate R/Wall at RD 37/765 to 37/785).

Sr. No	Description of items	Quantity	Unit	Rate (In figure)	Rate (In Word)	Amount
1	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.	28.60	Per Cubic meter			
2	Providing and laying of boulder apron laid in wire crates with 4mm dia G.I. wire conforming to 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.	64.80	Per Cubic metre			
3	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.	13.20	Per Cubic metre.			
Total:-						

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