



**HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT**

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

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

Dated:- 22-9-22

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 16<sup>th</sup> 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



Telephone No: 01782-233017  
e-mail: [ee-ram-hp@nic.in](mailto:ee-ram-hp@nic.in)

## 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 **03.10.2022** 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 **01.10.2022** 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 **01.10.2022** 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 Bhutti Kharahan Delath road Km. 0/000 to 12/000 (SH:- C/O 900mm dia RCC Hume pipe culvert with wing wall at RD 2/915) **ESTIMATED COST** Rs.3,06,194/- **EARNEST MONEY** Rs.6,200/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-

**WORK No-2** C/O Baltidhar Dammrali road Km. 0/000 to 3/250 (SH:- C/O R.R. masonry R/wall at RD 0/582 to 0/590) **ESTIMATED COST** Rs.2,82,472/- **EARNEST MONEY** Rs.5,700/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

**WORK No-3** R/R damages on Dansa Panoli Damini Shandal road Km. 0/000 to 6/585 (SH:- Deployment/Hiring of JCB/Excavator-cum loader for removal of minor slips and clearance of sides drains at various RDs) **ESTIMATED COST** Rs.1,46,631/- **EARNEST MONEY** Rs.2,950/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

**WORK No-4** C/O Nirath Punan Baghi road Km. 0/000 to 22/400 (SH:- C/O R/wall at Km. 17/705 to 17/717.60) **ESTIMATED COST** Rs.3,96,582/- **EARNEST MONEY** Rs.7,900/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-

**WORK No-5** Special repair to staff room/toilets at Govt. Degree college Rampur (SH:- Demolition painting distempering & other repair works) **ESTIMATED COST** Rs.2,75,727/- **EARNEST MONEY** Rs.5,500/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-

**WORK No-6** A/R & M/O various roads in Rampur Sub Division HPPWD Rampur (SH:- Supplying and fixing cat eyes studs on various roads under Rampur Sub Division) **ESTIMATED COST** Rs.4,27,500/- **EARNEST MONEY** Rs.8,600/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

**WORK No-7** C/O Mahtma Gandhi Govt. Engg. College Kotla (Jeori) in Tehsil Rampur Distt. Shimla (SH:- Providing and fixing fire extinguishers in Mechanical Block) **ESTIMATED COST** Rs.4,95,000/- **EARNEST MONEY** Rs.9,900/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-



**WORK No-8** C/O link road to village Tutu Km. 0/000 to 1/390 (SH:- C/O 900mm dia RCC Humie pipe culvert at RD 0/300 & 0/450) **ESTIMATED COST** Rs.3,77,125/- **EARNEST MONEY** Rs.7,500/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-

**WORK No-9** R/R damages on T.J.G.N Khamadi road Km. 0/000 to 52/000 (SH:- C/O R.R. masonry B/wall in Km. 38/043 to 38/052). **ESTIMATED COST** Rs.4,19,859/- **EARNEST MONEY** Rs.8,400/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-

**WORK No-10** C/O Lahasa Khopdi road Km. 0/000 to 0/855 (SH:- C/O R/wall at RD 0/542 to 0/572) **ESTIMATED COST** Rs.2,67,438/- **EARNEST MONEY** Rs.5,500/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

**WORK No-11** R/R damages on Shallon Kainchi to Faulaghat road Km. 0/0000 to 15/000 & Early Kainchi to Majholi road Km. 0/000 to 3/000 (SH:- Deployment/Hiring of JCB/Excavator cum loader for removal of minor slips and clearance of side drains at various RDs) **ESTIMATED COST** Rs.4,95,375/- **EARNEST MONEY** Rs.9,910/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

**WORK No-12** A/R & M/O Nogli Power House Kalna Batuna road Km. 0/000 to 8/300 (SH:- C/O wire crate R/wall at RD 6/410 to 6/425) **ESTIMATED COST** Rs.1,80,113/- **EARNEST MONEY** Rs.3,600/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

**WORK No-13** A/R & M/O Ganvi Keo road Km. 0/000 to 4/180 (SH:- C/O R/wall in R.R. masonry at Km. 3/730 to 3/748) **ESTIMATED COST** Rs.1,50,004/- **EARNEST MONEY** Rs.3,000/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-

**WORK No-14** C/O Sports Complex at Duttanagar in Tehsil Rampur Distt. Shimla (SH:- Providing and fixing fire extinguishers) **ESTIMATED COST** Rs.4,95,000/- **EARNEST MONEY** Rs.9,900/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

**WORK No-15** R/R damages on various roads in Nankhari Section under Nankhari Sub Division (SH:- Deployment/Hiring of JCB/Excavator cum loader for removal of slips on various roads under Nankhari Section) **ESTIMATED COST** Rs.3,96,300/- **EARNEST MONEY** Rs.7,900/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

**WORK No-16** R/R damages on Rohru Sungri Bahli Taklech Nogli road Km. 27/00 to 80/000 (SH:- C/O wire crate B/wall at RD 40/225 to 40/235) **ESTIMATED COST** Rs.1,34,182/- **EARNEST MONEY** Rs.2,700/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

**WORK No-17** R/R damages on various roads in Kholighat Section under Nankhari Sub Division (SH:- Deployment/Hiring of JCB/Excavator cum loader for removal of slips on various roads under Kholighat Section) **ESTIMATED COST** Rs.3,96,300/- **EARNEST MONEY** Rs.7,900/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

**WORK No-18** C/O Raila Khnog road Km. 0/000 to 11/000 (SH:- C/O wire crate B/wall at RD 5/523 to 5/543 & R/wall at RD 5/520 to 5/540) **ESTIMATED COST** Rs.4,28,740/- **EARNEST MONEY** Rs.8,600/- **TIME LIMIT:-** Two Month **COST OF FORM** Rs. 350/-



- WORK No-19** R/R damages on various roads under Nankahri Sub Division (SH:- Deployment/Hiring of JCB/Excavator-cum loader for removal of slips on various roads) **ESTIMATED COST** Rs.3,03,830/- **EARNEST MONEY** Rs.6,100/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-20** R/R damages on various roads under Taklech Sub Division (SH:- Deployment/Hiring of JCB/Excavator-cum loader for removal of slips on various roads) **ESTIMATED COST** Rs.3,03,830/- **EARNEST MONEY** Rs.6,100/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-21** R/R damages on various roads under Bhadrash Section (SH:- Deployment/Hiring of JCB/Excavator-cum loader for removal of removal of minor slips and clearance of side drains at various RDs) **ESTIMATED COST** Rs.3,30,250/- **EARNEST MONEY** Rs.6,610/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-22** M/T works on T.J.G.N Khamadi road Km. 0/000 to 52/000 (SH:- P/L WBM G-III in Km. 0/000 to 0/070.50 Tutupani side, Km. 0/000 to 0/049 Deora side Km. 0/000 to 0/032.50) **ESTIMATED COST** Rs.1,70,307/- **EARNEST MONEY** Rs.3,400/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-23** M/T works on T.J.G.N Khamadi road Km. 0/000 to 52/000 (SH:- P/L 30mm thick bituminous concrete surfacing in Km. 0/000 to 0/070.50 Tutupani side, Km. 0/000 to 0/049 Deora side Km. 0/000 to 0.032.50) **ESTIMATED COST** Rs.4,29,419/- **EARNEST MONEY** Rs.8,600/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-
- WORK No-24** C/O link road from Labana sadana to village Molgi Km. 0/000 to 1/500 (SH:- ROFD at various RDs) **ESTIMATED COST** Rs.2,84,984/- **EARNEST MONEY** Rs.5,700/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-25** R/R damages on Kridhar Kunth road Km. 0/000 to 14/200 (SH:- C/O PCC R/wall at RD 13/228 to 13/240) **ESTIMATED COST** Rs.4,26,327/- **EARNEST MONEY** Rs.8,500/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-26** C/O Lalsa Shandal Bahlidhar Chiksa Majhali road Km. 0/000 to 9/500 (SH:- Deployment/Hiring of hydraulic Excavator for removal of slips/boulders 2/600 to 2/650, 2/750 to 2/820, 2/870 to 2/945, 3/090 to 3/150, 3/195 to 3/225 & 3/500 to 3/525) **ESTIMATED COST** Rs.4,72,500/- **EARNEST MONEY** Rs.9,500/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-27** C/O Lalsa Shandal Bahlidhar Chiksa Majhali road Km. 0/000 to 9/500 (SH:- Deployment/Hiring of hydraulic Excavator for removal of slips/boulders 4/195 to 4/225, 4/315 to 4/340, 4/410 to 4/430, 4/735 to 4/825 & 5/240 to 5/285) **ESTIMATED COST** Rs.4,72,500/- **EARNEST MONEY** Rs.9,500/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-28** R/R damages on Racholi Dansa Lalsa road Km. 0/000 to 14/000 (SH:- Hiring of L&T 200/Poclain for removal of slips and boulders at various RDs) **ESTIMATED COST** Rs.4,90,000/- **EARNEST MONEY** Rs.9,800/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-29** R/R damages on R.G.M.S.J. road Km. 0/000 to 61/000 (Portion 11/000 to 31/000) (SH:- Hiring of L&T 200/Poclain for removal of slips and boulders at various RDs) **ESTIMATED COST** Rs.4,90,000/- **EARNEST MONEY** Rs.9,800/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-



- WORK No-30** C/O link road from Dansa to Dhar Km. 0/000 to 3/500 (SH:- Formation cutting at RD 0/000 to 0/300) **ESTIMATED COST** Rs.3,08,148/- **EARNEST MONEY** Rs.6,200/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-31** R/R damages on various roads in Nirath Section under HPPWD Sub Division Rampur (SH:- Deployment/Hiring of JCB/Excavator-cum loader for removal of minor slips and clearance of side drains at various RDs) **ESTIMATED COST** Rs.4,62,350/- **EARNEST MONEY** Rs.9,300/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-
- WORK No-32** R/R damages on Kashadhar Darkali road Km. 0/000 to 22/700 (SH:- C/O wire crate R/wall with PCC Toe wall at RD 5/300 to 5/314) **ESTIMATED COST** Rs.4,16,457/- **EARNEST MONEY** Rs.8,300/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-
- WORK No-33** R/R damages on Rampur Gaura Mashnoo road Km. 0/000 to 31/500 (portion Km. 0/000 to 11/000) (SH:- C/O R/wall in PCC at RD 0/201 to 0/208) **ESTIMATED COST** Rs.3,45,334/- **EARNEST MONEY** Rs.6,900/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-
- WORK No-34** A/R & M/O Residential accommodation of E.E. Residence (B&R) at Rampur (SH:- P/F wood work, brick work, plastering & steel work etc.) **ESTIMATED COST** Rs.4,99,880/- **EARNEST MONEY** Rs.10,000/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-35** R/R damages on various roads in Sarahan Section under HPPWD Sub Division Sarahan (SH:- Deployment/Hiring of JCB/Excavator-cum loader for removal of slips at various RDs) **ESTIMATED COST** Rs.3,03,830/- **EARNEST MONEY** Rs.6,100/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-36** Improvement of black spot on Rohru Sungri Bahli Taklekh Nogli road Km. 27/000 to 80/000 (SH:- Cutting and improvement of curve at RD 34/135 to 34/165, 34/310 to 34/340 & 35/375 to 35/405) **ESTIMATED COST** Rs.3,37,031/- **EARNEST MONEY** Rs.6,750/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-37** C/O Racholi Kandi Odda Santhal road Km. 0/000 to 5/000 (SH:- C/O X-drainage work at RD 4/395 to 4/350 & 4/425 to 4/432) **ESTIMATED COST** Rs.3,26,060/- **EARNEST MONEY** Rs.6,500/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-
- WORK No-38** A/R & M/O Residential Accommodation of E.E. Residence (B&R) at Rampur (SH:- P/L Paver blocks) **ESTIMATED COST** Rs.2,78,118/- **EARNEST MONEY** Rs.5,600/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-39** R/R damages on Rampur Gaura Mashnoo Jeori road Km. 0/000 to 61/000 (SH:- C/O RCC R/wall at RD 26/090 to 26/099) **ESTIMATED COST** Rs.2,58,493/- **EARNEST MONEY** Rs.5,170/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-40** R/R damages on Nogli Power House Kalna Batuna road (SH:- C/O PCC R/wall at RD 0/555 to 0/565) **ESTIMATED COST** Rs.2,25,905/- **EARNEST MONEY** Rs.4,500/- **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 — 10614-18

Dated:-

22-07-22

Copy forwarded for information:-

1. The Engineer-in-Chief, HP,PWD Nirman Bhawan, Nigam Vihar, Shimla-II.
2. The Superintending Engineer 11<sup>th</sup> 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:- 306,194.00  
Earnest money:- 6200.00  
Time:- Two month

NAME OF WORK:- R/R damage on Bhutti Kharahn Delath Road Km. 0/000 to 12/000  
(SH:- C/O 900 mm dia RCC hume pipe culvert with wing wall at RD 2/915 ).

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 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.	68.68	Per Cubice metre .			
2	Providing and laying cement 1:6:12 (1 cement:6 sand:12 garded stone aggregate 40mm nominal size) and curing complete in open foundation as per drawing & Technical specification clause 802,803,1202 & 1203. including curing, cost of formwork and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	2.66	Per Cubice metre .			
3	Providing and laying cement 1:3:6 (1 cement:3 sand:6 garded stone aggregate 40mm nominal size) and curing complete in open foundation as per drawing & Technical specification clause 802,803,1202 & 1203. including curing, cost of formwork and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	3.97	Per Cubice metre .			
4	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 P.C.C grade M 10 Nominal mix 1:3:6 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	9.32	Per Cubice metre .			
5	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, cost of formwork 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.	37.03	Per Cubice metre .			
6	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	18.00	Each			

7	Providing and laying reinforced cement concrete 900mm diameter pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection work, back filling, concrete and masonry work in head walls and parapets as per drawing and technical specifications clause 1108, and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	7.50	Per Running metre			
8	Backfilling /Filter media with granular material behind retaining wall/breast wall as per specification 1204.3.8 in a width of 600 mm. 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.	7.29	Per Cum.			
9	Providing and laying flooring laid over cement concrete bedding complete as per drawing and technical specification Clause 1303 Rubble stone laid in cement mortar 1:3. including curing and 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.	0.49	Per Cum.			

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



## SCHEDULE OF QUANTITY

Estimated cost :- 282472.00  
Earnest money :- 5700.00  
Time allowed:- One Month

Name of Work:- C/O Baltidhar Dammrali road km 0/000 to 3/250.  
(SH:- C/O RR masonry R/Wall at RD 0/582 to 0/590).

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 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.	8.00	Per Cubic metre			
2	<b>Excavation for structures:-</b> 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.	13.44	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.	5.86	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.	3.48	Cum.			
5	Stone masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1204 with random rubble masonry in cement mortar 1:5 (1 cement :5 sand) 1st short. 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.	35.53	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.	33.90	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 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.	9.60	Per Cubic metre.			
				<b>Total:-</b>		

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



## SCHEDULE OF QUANTITY

Estimated cost:- 146631.00

Earnest money 2950.00

Time One Month

Estimated cost:- 146631.00

Earnest money 2950.00

Time One Month

**NAME OF WORK:- R/R Damages on Dansa Panoli Damini Shandal road km 0/000 to 6/585**

**(SH:- Deployment/Hiring of JCB/Excavator-cum loader for removal of minor slips and clearance of side drains at various RD's)**

Sr. No.	Description	Unit	Rate in figure	Rate in words	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Hiring of earth cutting / excavating machinery of 0.75 cubic metre bucket capacity @ 20.00 cubic metre per hour loading capacity to be depolyment for earth-cutting /excavation /filling /slips and clearance of blocked side drain etc. including cost of fuel oil lubricant and wages of operating staff. Any repair/breakage during operation will be carried out by the contractor /owner at his own risk. Shifting of machinery from one place to other place will be absolute responsibility of the contractor and no payment will be made for the same. Only actual working hours will be accounted for the payment. Cutting in earth work/ removal of slips in all kinds of soil including loading in Tippers/ Trucks, removal / disposal of the same in all leads and lifts to the entire satisfaction of Engineer-in-charge.				111.00	Per Hour			
								<b>Total:-</b>	

Executive Engineer,

Rampur Division B&R,

H.P.P.W.D., Rampur.

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

## SCHEDULE OF QUANTITY

Estimated Cost:- 396582.00  
 Earnest Money:- 7900.00  
 Time:- Two Months

Name of Work:- Construction of Nirath, Punan, Baghi road km 0/000 to 22/400.

(SH:- Construction of Retaining Wall at Km 17/705 to 17/717.60).

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 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.	42.65	Per Cubic metre.			
2	<b>Excavation for structures:-</b> 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.	31.81	Per Cubic meter			



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.	10.20	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.	5.92	Cum.			
5	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.	42.35	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.	54.04	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 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.	13.23	Per Cubic metre.			

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

## SCHEDULE OF QUANTITY

Estimated Cost:- 275727.00  
Earnest Money:- 5500.00  
Time:- Two Months

Name of Work:- Special Repair to Staff Room/Toilets at Govt. Degree college Rampur Bushahr  
(SH:- Demolition, painting, Distempering & other Repair works).

Sr. No.	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead including hauling of material in all leads and lifts as jper the entire satisfaction and direction of the Engineer-in-Charge.	2.00	Each			
2	Repair to plaster of 12mm to 20 patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer- In-Charge including hauling of material in all leads and lifts as jper the entire satisfaction and direction of the Engineer-in-Charge..	230.00	Sqm.			
3	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 600x600x10 mm including hauling of material in all leads and lifts as jper the entire satisfaction and direction of the Engineer-in-Charge.	68.10	Sqm.			
4	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length ( hold fast lugs or dash fastener shall be paid for separately). 2nd class deodar wood including hauling of material in all leads and lifts as jper the entire satisfaction and direction of the Engineer-in-Charge.	0.11	Cum			
5	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, including panelling all complete as per direction of Engineer- charge. 35 mm thick deodar wood including hauling of material in all leads and lifts as jper the entire satisfaction and direction of the Engineer-in-Charge.	5.52	Sqm.			
6	Applying priming coat:- With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) including hauling of material in all leads and lifts as jper the entire satisfaction and direction of the Engineer-in-Charge.	14.68	Sqm.			

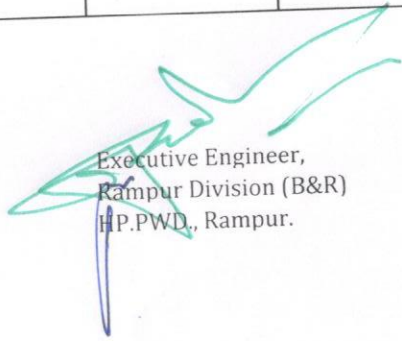


7	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture including hauling of material in all leads and lifts as jper the entire satisfaction and direction of the Engineer-in-Charge.	14.68	Sqm.			
8	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade, with necessary screws etc. complete :100mm including hauling of material in all leads and lifts as jper the entire satisfaction and direction of the Engineer-in-Charge.	2.00	Each			
9	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete.125 mm including hauling of material in all leads and lifts as jper the entire satisfaction and direction of the Engineer-in-Charge.	4.00	Each			
10	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete including hauling of material in all leads and lifts as jper the entire satisfaction and direction of the Engineer-in-Charge.	68.10	Sqm.			
11	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 jper the entire satisfaction and direction of the Engineer-in-Charge.	68.10	Sqm.			
12	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 jper the entire satisfaction and direction of the Engineer-in-Charge.	15.00	R/M			
13	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 jper the entire satisfaction and direction of the Engineer-in-Charge.	6.00	Each			
14	Providing and fixing G.I. Elbow 15mm(MR) including hauling of material in all leads and lifts as jper the entire satisfaction and direction of the Engineer-in-Charge.	3.00	Each			
15	Providing and fixing CP grating of approved quality and colour 100 mm including hauling of material in all leads and lifts as jper the entire satisfaction and direction of the Engineer-in-Charge.	5.00	Each			
16	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 including hauling of material in all leads and lifts as jper the entire satisfaction and direction of the Engineer-in-Charge.	1.00	Each			

17	Providing and fixing unplasticised PVC connection pipe with brass unions 15 mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	1.00	Each			
18	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 the Engineer-in-Charge.	2.00	Each			
19	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: White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	1.00	Each			
20	Providing and fixing two hole basin mixing Faucet including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	1.00	Each			
21	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 the Engineer-in-Charge.	6.00	Each			
22	Providing and fixing PVC plain double equal branch ISI marked including fixing with approved adhesive etc. complete 150mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	3.00	Each			
23	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for 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. Single pushfit Coupler 110mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	2.00	Each			
24	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, 110 mm diameter including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	2.00	metre			
25	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :15mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	2.00	Each			
26	Providing and fixing water closet squatting pan (Indian corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :One urinal basin with 5 litre white P.V.C. automatic flushing cistern including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	3.00	Each			



27	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 the Engineer-in-Charge.	1.00	Each			

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

### SCHEDULE OF QUANTITY

Name of Work :- A/R & M/o various roads in Rampur Sub-Division, HP PWD Rampur. (SH: Supplying and fixing Cat eyes studs on various roads under Rampur Sub-Division).

Estimated cost:-	427500.00
Earnest money:-	Rs. 8600.00
Time:-	One month
Rate in word	Amount
<b>Total</b>	

Sr.No.	Description	Qty.	Unit	Rate in Figure
1	Providing and fixing of ABS plastic Cat- eyes studs 116x81x17 mm in yellow, white and red colour two way prismetic reflectors, installed in concrete or asphaltic surface by drilling holes 30 mm upto a depth of 60mm and bedded in suitable bituminous grout or epoxy mortar all as per BS:873(Part (4)1973 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.	950.00	Each	

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



## SCHEDULE OF QUANTITY

Name of Work :- C/o Mahtma Gandhi Govt. Engg. College Kotla (Jeori) in Tehsil Rampur Distt. Shimla. (SH: Providing and fixing fire extinguishers in Mechanical Block).					Estimated cost:-	Rs. 495000/-
					Earnest money:-	Rs. 9900.00
					Time:-	One month
Sr.No.	Description	Qty.	Unit	Rate in Figure	Rate in word	Amount
1	Providing and fixing powder fire extinguisher (Stored Pressure Type) capacity 9 Kg (Nine Kilogramme) duly ISI marked confirming to IS 15683:2006 with ISI 4609 marked ABC powder complete with Squeeze grip releases valve, discharge pipe, locking arrangement, pressure gauge, operation manual, bracket with two screws and sleeves 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.	45.00	Each			
					Total:-	

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

## SCHEDULE OF QUANTITY

Estimated cost:- **377125.00**

Earnest money:- **7500.00**

Time:- **Two Months**

**NAME OF WORK:** -C/O link road to village Tutu km 0/000 to 1/390.  
**(SH:-C/O 900mm dia RCC Hume Pipe Culvert at RD 0/300 & 0/450).**

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 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.	36.41	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.	96.07	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 curing & hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	2.76	Per Cubic metre			
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 hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	24.00	Each			
5	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, 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.	49.80	Per Cubic metre			
6	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth 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.	17.25	Per Cubic metre.			
7	Providing and laying flooring laid over cement concrete bedding complete as per drawing and technical specification Clause 1303 Rubble stone laid in cement mortar 1:3. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	0.97	Per Cubic metre			
8	Laying of reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection work, back filling, concrete and masonry work in head walls and parapets:- 900mm dia. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	13.47	Per Running Metre			

9	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.	11.04	Per Cubic metre.			
10	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 PCC 1:4:8 (1 cement : 4 Sand : 8 Graded Stone 25 mm nominal size) 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.	1.05	Per Cubic metre			

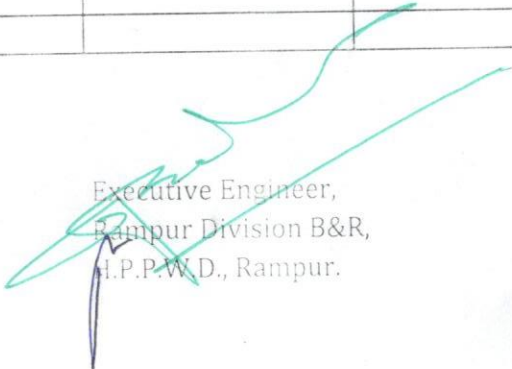
Executive Engineer  
(B&R) Division Rampur  
HP.PWD. Rampur.



## SEHEDULE OF QUANTITY

Name of Work:- R/R damage on Tikar Jarol Gahan Nankhari Khamadi road Km 0/0 to 52/0. (SH:- Construction of R/R masonry B/wall in Km 38/043 to 38/052).					Estimated cost:- Rs	419859.00
					Earnest money:- Rs	8400.00
					Time:-	Two Months
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 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.	60.75	Per 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 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.	85.05	Per Cum.			

3	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.	94.60	Per Cum.			

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



# SCHEDULE OF QUANTITY

me of work :-Construction of Lahasa Khopdi road Km 0/00 to 0/855.

b head :- Construction of Retaining Wall at RD 0/542 to 0/572)

Estimated cost:- 2,67,438.00

Earnest money:- 5500.00

Time:- One Month

No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	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.	46.80	P. Cum			
2	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.	100.22	P. Cum			
3	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.	18.00	P. Cum			
					Total:-	

Executive Engineer  
MPPWD (B&R) Division  
Rampur Bushahr (H.P.)

## SCHEDULE OF QUANTITY

Estimated cost: 495375.00  
Earnest money 9910.00  
Time One Month

Estimated cost:- 495375.00  
Earnest money 9910.00  
Time One Month

**NAME OF WORK:- R/R Damages on Shallon Kainchi to Faulaghat road km 0/000 to 15/000 & Early Kainchi to Majholi road km 0/000 to 3/000**  
**(SH:- Deployment/Hiring of JCB/Excavator-cum-loader for removal of minor slips and clearance of side drains at various RD's)**

Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Hiring of earth cutting /excavating machinery of 0.75 cubic metre bucket capacity @ 20.00 cubic metre per hour loading capacity to be depolymnet for earth cutting /excavation /filling /slips and clearance of blocked side drain etc. including cost of fuel oil lubricant and wages of operating staff. Any repair/breakage during operation will be carried out by the contractor /owner at his own risk. Shifting of machinery from one place to other place will be absolute responsibility of the contractor and no payment will be made for the same. Only actual working hours will be accounted for the payment. Cutting in earth work/ removal of slips in all kinds of soil including loading in Tippers/ Trucks, removal / disposal of the same in all leads and lifts to the entire satisfaction of Engineer-in-charge.	375.00	Per Hour			
<b>Total:-</b>						

*[Signature]*  
A.E.R.

*[Signature]*  
Executive Engineer,  
Rampur Division B&R,  
H.P.P.W.D., Rampur.



## SCHEDULE OF QUANTITY

Estimated Cost:- 180113.00  
Earnest Money:- 3600.00  
Time:- One Month

Name of Work:- A/R & M/O Nogli Power House Kalna Batuna road km 0/000 to 8/300).  
(SH:- C/O Wire Crate R/Wall at RD 6/410 to 6/425).

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.	13.95	Per Cubic metre.			
2	<b>Excavation for structures:-</b> 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.	16.20	Per Cubic meter			

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.	64.80	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. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	11.70	Per Cubic metre.			
Total:-						

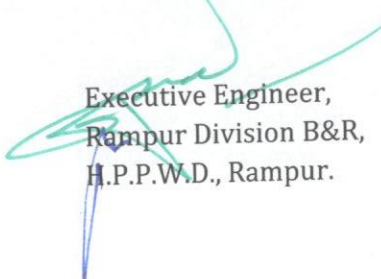
Executive Engineer,  
Rampur Division (B&R)  
HP.PWD., Rampur.



## SEHEDULE OF QUANTITY

Name of Work:- A/R & M/o Ganvi Keo road Km 0/0 to 4/180 . (SH:- Construction of R/ wall in R/R masonry at Km 3/130 to 3/748).					Estimated cost:- Rs	150004.00
					Earnest money:- Rs	3000.00
					Time:-	Two Months
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 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.	19.82	Per Cum.			
2	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.	13.59	Per 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 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.	4.53	Per Cum.			

4	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.	20.71	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.	17.30	Per Cum.			

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



### SCHEDULE OF QUANTITY

Name of Work :- C/o Sports Complex at Duttnagar in Tehsil Rampur Distt. Shimla. (SH: Providing and fixing fire extinguishers ).					Estimated cost:-	Rs. 495000/-
					Earnest money:-	Rs. 9900.00
					Time:-	One month
Sr.No.	Description	Qty.	Unit	Rate in Figure	Rate in word	Amount
1	Providing and fixing powder fire extinguisher (Stored Pressure Type) capacity 9 Kg (Nine Kilogramme) duly ISI marked confirming to IS 15683:2006 with ISI 4609 marked ABC powder complete with Squeeze grip releases valve, discharge pipe, locking arrangement, pressure gauge, operation manual, bracket with two screws and sleeves 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.	45.00	Each			
					Total:-	

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

## SCHEDULE OF QUANTITY

Estimated cost :- 396300.00  
 Earnest money :- 7900.00  
 Time allowed:- One month

**Name of Work:-** R/R damages on various roads in Nankhari Section under Nankhari Sub Division.  
 ((SH:- Deployment/Hiring of JCB/Excavator-cum loader for removal of slips on various roads under Nankhari Section)).

Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	2	3	4	5	6	7
1	Hiring of earth cutting/excavating machinery of 0.75 cubic meter bucket capacity @ 45 cubic meter per hour loading capacity to be deployed for earth cutting/excavation/ filling/slips and clearance of blocked side drain etc. including cost of fuel oil lubricant and wages of operating staff. any repair/ breakage during operation will be absolute responsibility of contractor/ owner at his own risk. Shifting of machinery from one place to other place will be absolute responsibility of the contractor and no payment will be made for the same. Only actual working hours will be accounted for the payment. Cutting in earth work/removal of slips in all kinds of soil including loading in tipper/truck, removal/disposal of the same in all leads and lifts to the entire satisfactions and directions of Engineer-in-Charge.	300.00	Per hour			

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



## SCHEDULE OF QUANTITY

Estimated cost:- 134182.00  
 Earnest money:- 2700.00  
 Time:- One month

Time of Work:-R/R damages on Rohru Sungri Bahli Taklech Nogli road km 27/000 to 80/000  
 (SH:- C/O wire crate B/Wall at RD 40/225 to 40/235)

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.	10.50	Per Cubic metre			
2	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.	57.60	Per Cubic metre			
					Total:-	

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

## SCHEDULE OF QUANTITY

Estimated cost :- 396300.00  
 Earnest money :- 7900.00  
 Time allowed:- One month

**Name of Work:-** R/R damages on various roads in Kholighat Section under Nankhari Sub Division.  
 ((SH:- Deployment/Hiring of JCB/Excavator-cum loader for removal of slips on various roads under Kholighat Section)).

Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	2	3	4	5	6	7
1	Hiring of earth cutting/excavating machinery of 0.75 cubic meter bucket capacity @ 45 cubic meter per hour loading capacity to be deployed for earth cutting/excavation/ filling/slips and clearance of blocked side drain etc. including cost of fuel oil lubricant and wages of operating staff. any repair/ breakage during operation will be absolute responsibility of contractor/ owner at his own risk. Shifting of machinery from one place to other place will be absolute responsibility of the contractor and no payment will be made for the same. Only actual working hours will be accounted for the payment. Cutting in earth work/removal of slips in all kinds of soil including loading in tipper/truck, removal/disposal of the same in all leads and lifts to the entire satisfactions and directions of Engineer-in-Charge.	300.00	Per hour			

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



## SCHEDULE OF QUANTITY

Estimated cost:- **428740.00**  
 Earnest money:- **8600.00**  
 Time:- **Two Months**

**Name of Work :-** C/O Raila Khanog road km 0/000 to 11/000.

**(SH:-** C/O Wire Crate B/Wall at RD 5/523 to 5/543 & R/Wall at RD 5/520 to 5/540).

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 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.	58.50	Per Cubic metre.			
2	Earth work in excavation in all kind of soil for foundation of structures upto 3 metre depth as per drawing and technical specification Clause 1104 including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	35.40	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 hauling of materials through all modes of transportation within all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	172.80	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 hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	16.80	Per Cubic metre.			

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



## SCHEDULE OF QUANTITY

Estimated cost :- 303830.00  
 Earnest money :- 6100.00  
 Time allowed:- One month

**Name of Work:- R/R damages on various roads under Nankhari Sub- Division.**

(SH:- Deployment/Hiring of JCB/Excavator-cum loader for removal of slips on various roads ).

Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	2	3	4	5	6	7
1	Hiring of earth cutting/excavating machinery of 0.75 cubic meter bucket capacity @ 45 cubic meter per hour loading capacity to be deployed for earth cutting/excavation/ filling/slips and clearance of blocked side drain etc. including cost of fuel oil lubricant and wages of operating staff. any repair/ breakage during operation will be absolute responsibility of contractor/owner at his own risk. Shifting of machinery from one place to other place will be absolute responsibility of the contractor and no payment will be made for the same. Only actual working hours will be accounted for the payment. Cutting in earth work/removal of slips in all kinds of soil including loading in tipper/truck, removal/disposal of the same in all leads and lifts to the entire satisfactions and directions of Engineer-in-Charge.	230.00	Per hour			

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

## SCHEDULE OF QUANTITY

Estimated cost :- 303830.00  
 Earnest money :- 6100.00  
 Time allowed:- One month

Name of Work:- R/R damages on various roads under Taklech Sub- Division.  
 (SH:- Deployment/Hiring of JCB/Excavator-cum loader for removal of slips on various roads ).

Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	2	3	4	5	6	7
1	Hiring of earth cutting/excavating machinery of 0.75 cubic meter bucket capacity @ 45 cubic meter per hour loading capacity to be deployed for earth cutting/excavation/ filling/slips and clearance of blocked side drain etc. including cost of fuel oil lubricant and wages of operating staff. any repair/ breakage during operation will be absolute responsibility of contractor/owner at his own risk. Shifting of machinery from one place to other place will be absolute responsibility of the contractor and no payment will be made for the same. Only actual working hours will be accounted for the payment. Cutting in earth work/removal of slips in all kinds of soil including loading in tipper/truck, removal/disposal of the same in all leads and lifts to the entire satisfactions and directions of Engineer-in-Charge.	230.00	Per hour			

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



## SCHEDULE OF QUANTITY

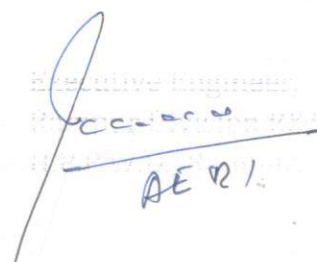
Estimated cost: 330250.00  
Earnest money: 6610.00  
Time: One Month

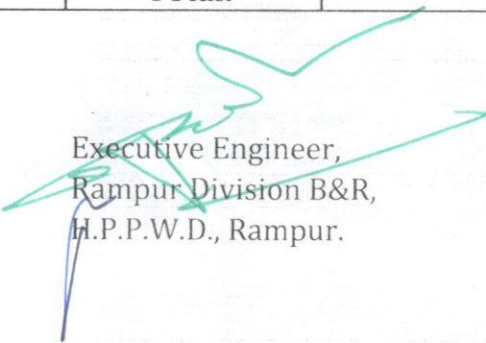
Estimated cost:- 330250.00  
Earnest money 6610.00  
Time One Month

**NAME OF WORK:-R.R Damages on Various roads under Bhadrash Section .**

**(SH:-Deployment/Hiring of JCB/Excavator-cum-loader for removal of minor slips and clearance of side drains at various RD's)**

Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Hiring of earth cutting / excavating machinery of 0.75 cubic metre bucket capacity @ 20.00 cubic metre per hour loading capacity to be depolymnet for earth cutting /excavation /filling /slips and clearance of blocked side drain etc. including cost of fuel oil lubricant and wages of operating staff. Any repair/breakage during operation will be carried out by the contractor /owner at his own risk. Shifting of machinery from one place to other place will be absolute responsibility of the contractor and no payment will be made for the same . Only actual working hours will be accounted for the payment. Cutting in earth work/ removal of slips in all kinds of soil including loading in Tippers/ Trucks, removal / disposal of the same in all leads and lifts to the entire satisfaction of Engineer-in-charge.	250.00	Per Hour			
<b>Total:-</b>						

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

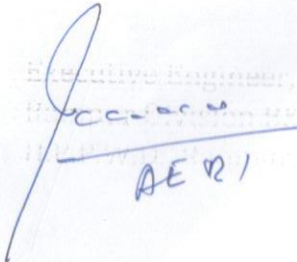
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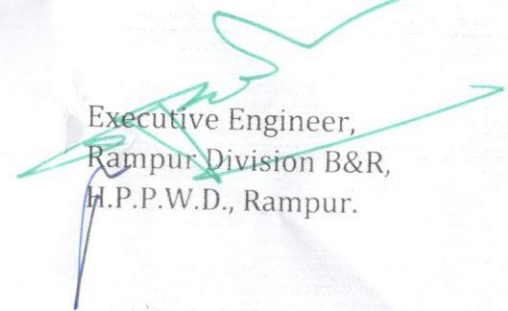
Estimated cost :- **170307.00**  
 Earnest money :- **3400.00**  
 Time allowed:- **One month**

**Name of Work:- M/T works on Tikkar Jarol Gahan Nankhari Khamadi road Km 0/0 to 52/0.**

**SH:-Providing and laying WBM G-III in Km 0/0 to 0/070.50 Tutupani side, 0/0 to 0/049 Deora side and 0/0 to 0/032.50).**

Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	Providing, laying , speading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thockness, hand packing, roling with smooth wheel roller 80-100KN in stages to proper grade and camber applying and brooming stonescreening/binding materials to fill-up the interstices of course aggregate watering and compacting to the required density Grading - 3 as per technical specification clause 405. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	61.31	Per Cubic metre			

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



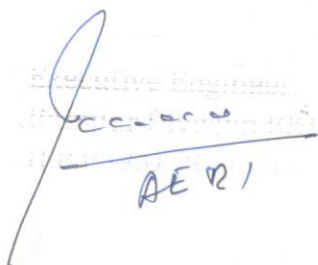
## SCHEDULE OF QUANTITY

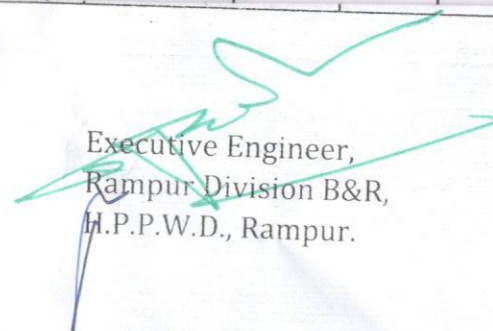
Estimated cost :- **429419.00**  
 Earnest money :- **8600.00**  
 Time allowed:- **Two Months**

**Name of Work:- M/T works on Tikkar Jarol Gahan Nankhari Khamadi road Km 0/0 to 52/0.**

(SH:-Providing and laying 30mm thick bituminous concrete surfacing in Km 0/0 to 0/070.50 Tutupani side, 0/0 to 0/049 Deora side and 0/0 to 0/032.50).

Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	Providing and applying primer coat with Bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at rate of 0.70-1.0 Kg/sqm using mechanical means as per technical specification clause 502. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	817.43	Per Square metre			
2	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared dry and hungry bituminous surface cleaned with Hydraulic broom as per technical specification clause 503. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	817.43	Per Square metre			
3	Providing and laying 30mm thick bituminous concrete with 100-120 TPH batch type HMP prodducing an average out put of 75mt/hr.using crushed aggregate of specified grading ,premixed with bituminous binder 5.4 to 5.6% of mix and filler transporting the Hot mix to work site laying with a hydostic paver finisher with sensor controll to the required grade,level and alignment,rolling with smooth wheeled vibratory and tendom roller to achieve the desired com pection as per MORTH Specification No.508 complete in all respect including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge	24.52	Per Cubic metre			

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

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

## SCHEDULE OF QUANTITY

Estimated cost:- **284984.00**  
 Earnest money:- **5700.00**  
 Time:- **One Month**

**Name of Work:- Construction link road from Labana Sadana to village Molgi Km 0/000 to 1/500.**  
 (SH:- R.O.F.D. at various R.Ds).

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 design 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 agreement 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 useful stones, for whether use ful or not , for 221.47 cum. (Two Hundred Twenty one point four seven 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.	700.74	Per Cubic metre			

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



## SCHEDULE OF QUANTITY

Estimated Cost:- 426327.00

Earnest Money:- 8500.00

Time:- Two Months

Name of Work:- R/R Damages on Kridhar Kunth road 0/000 to 14/200..

(SH:- C/O P.C.C. R/Wall at RD 13/228 to 13/240).

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 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.	27.42	Per Cubic metre.			
2	<b>Excavation for structures:-</b> 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.	22.32	Per Cubic meter			
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.	5.16	Per Cubic metre.			

4	Providing and laying cement concrete 1:4:8 and curring complete including the cost of form work for plain/ reinforced concrete in retaining walls, breast walls as per drawing and HPPWD technical specification.including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	78.72	Cum.			
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	30.00	Each			
6	Backfilling /Filter media with granular material behind retaining wall/breast wall as per specification 1204.3.8 in a width of 600 mm. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	9.48	Per Cubic metre.			
					Total:-	

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

### SCHEDULE OF QUANTITY

Estimated cost:-  
Earnest money  
Time

Rs. 472500.00  
Rs. 9500.00  
One Month

**NAME OF WORK:- C/O Lalsa Shandal Bahlidhar Chiksa Majhali road Km 0/000 to 9/500**

(SH:-Deployment/Hiring of hydraulic Excavator for removal of slips/boulders 2/600 to 2/650, 2/750 to 2/820, 2/870 to 2/945, 3/090 to 3/150, 3/195 to 3/225 & 3/500 to 3/525)

S.No.	Sub Head/ Item of Work	Quantity	Rate		Unit	Amount
			In Figure	In words.		
1	Hiring of earth cutting / excavating hydraulic machinery of 0.90 cubic metre bucket capacity to be deployment for earth cutting /excavation /filling /slips and clearance of blocked side drain etc. including cost of fuel oil lubricant and wages of operating staff. Any repair/breakage during operation will be carried out by the contractor /owner at his own risk. Shifting of machinery from one place to other place will be absolute responsibility of the contractor and no payment will be made for the same . Only actual working hours will be accounted for the payment . Cutting in earth work/ removal of slips in all kinds of soil including loading in Tippers/ Trucks, removal / disposal of the same in all leads and lifts to the entire satisfaction of Engineer-in-charge.	135.00	Per Hour			
TOTAL:-Rs.						

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



### SCHEDULE OF QUANTITY

Estimated cost:- Rs. 472500.00  
Earnest money Rs. 9500.00  
Time One Month

**NAME OF WORK:- C/O Lalsa Shandal Bahlidhar Chiksa Majhali road Km 0/000 to 9/500**

(SH:-Deployment/Hiring of hydraulic Excavator for removal of slips/boulders 4/195 to 4/225, 4/315 to 4/340, 4/410 to 4/430, 4/735 to 4/825 & 5/240 to 5/285).

S.No.	Sub Head/ Item of Work	Quantity	Rate		Unit	Amount
			In Figure	In words.		
1	Hiring of earth cutting / excavating hydraulic machinery of 0.90 cubic metre bucket capacity to be deployment for earth cutting /excavation /filling /slips and clearance of blocked side drain etc. including cost of fuel oil lubricant and wages of operating staff . Any repair/breakage during operation will be carried out by the contractor /owner at his own risk. Shifting of machinery from one place to other place will be absolute responsibility of the contractor and no payment will be made for the same . Only actual working hours will be accounted for the payment . Cutting in earth work/ removal of slips in all kinds of soil including loading in Tippers/ Trucks, removal / disposal of the same in all leads and lifts to the entire satisfaction of Engineer-in-charge.	135.00	Per Hour			
TOTAL:-Rs.						

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

## SCHEDULE OF QUANTITY

Estimated cost:- 490000.00  
Earnest money 9800.00  
Time One Month

**NAME OF WORK:- R/R Damages on Racholi Dansa lalsa road km. 0/000 to 14/000**

(SH:- Hiring of L&T 200/Poclain for removal of slips and boulders at various Rd's).

Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Hiring of L&T 200/Poclain make having loading bucket capacity 1.50 cum to 2.00 cum for removal of slips / boulders in all leads and lifts and disposal of unserviceable material and stacking of serviceable material along road side and neatly dressed the road surface including cost of fuel oil lubricant and wages of operating staff . Any repair/breakage during operation will be carried out by the contractor /owner at his own risk. Shifting of machinery from one place to other place will be absolute responsibility of the contractor and no payment will be made for the same . Only actual working hours will be accounted for the payment . Cutting in earth work/ removal of slips in all kinds of soil including loading in Tippers/ Trucks, removal / disposal of the same in all leads and lifts to the entire satisfaction of Engineer-in-charge.	140.00	Per Hour			
					<b>Total:-</b>	

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

### SCHEDULE OF QUANTITY

Estimated cost:- 490000.00  
Earnest money 9800.00  
Time One Month

**NAME OF WORK:- R/R Damages on RGMSJ road km. 0/000 to 61/000. (Portion 11/000 to 31/000).**

(SH:- Hiring of L&T 200/Poclain for removal of slips and boulders at various Rd's).

Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Hiring of L&T 200/Poclain make having loading bucket capacity 1.50 cum to 2.00 cum for removal of slips / boulders in all leads and lifts and disposal of unservicable material and stacking of serviceable material along road side and neatly dressed the road surface including cost of fuel oil lubricant and wages of operating staff . Any repair/breakage during operation will be carried out by the contractor /owner at his own risk. Shifting of machinery from one place to other place will be absolute responsibility of the contractor and no payment will be made for the same . Only actual working hours will be accounted for the payment . Cutting in earth work/ removal of slips in all kinds of soil including loading in Tippers/ Trucks, removal / disposal of the same in all leads and lifts to the entire satisfaction of Engineer-in-charge.	140.00	Per Hour			
					<b>Total:-</b>	

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

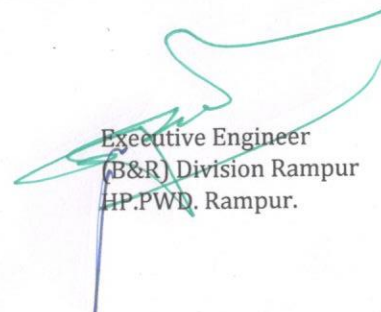


## SCHEDULE OF QUANTITY

Estimated cost :- **308148.00**  
 Earnest money :- **6200.00**  
 Time allowed:- **One Month**

**Name of Work:-** C/O link road from Dansa to Dhar Km 0/000 to 3/500.  
 (SH:- Formation Cutting at RDs 0/000 to 0/300).

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 157.61 cum. (one hundred fifty seven point six one 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.	1467.51	Per Cubic metre			

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

## SCHEDULE OF QUANTITY

Estimated cost:- **462350.00**

Earnest money:- **9300.00**

Time:- Two Month

**NAME OF WORK:- R/R Damages on various roads in Nirath Section under HP.PWD Sub-Division Rampur**

(SH:-Deployment/Hiring of JCB/Excavator-cum loader for removal of minor slips and clearance of side drains at various RDs).

Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Hiring of earth cutting / excavating machinery of 0.75 cubic metre bucket capacity @ 45.00 cubic metre per hour loading capacity to be deployment for earth cutting/excavation/filling /slips and clearance of blocked side drain etc. including cost of fuel oil lubricant and wages of operating staff . Any repair/breakage during operation will be carried out by the contractor /owner at his own risk. Shifting of machinery from one place to other place will be absolute responsibility of the contractor and no payment will be made for the same . Only actual working hours will be accounted for the payment . Cutting in earth work/ removal of slips in all kinds of soil including loading in Tippers/ Trucks, removal / disposal of the same in all leads and lifts to the entire satisfaction of Engineer-in-charge.	350.00	Per Hour			
					<b>Total:-</b>	

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

## SCHEDULE OF QUANTITY

Estimated Cost:- 416457.00  
 Earnest Money:- 8300.00  
 Time:- Two Months

Name of Work:- R/R Damages on Kashadhar Darkali Road km 0/000 to 22/700.  
 (SH:- C/O Wire Crate R/Wall with P.C.C Toe Wall at RD 5/300 to 5/314).

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 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.	20.80	Per Cubic metre.			
2	<b>Excavation for structures:-</b> 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.	33.28	Per Cubic meter			



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.	3.12	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.	46.80	Cum.			
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.	60.94	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.	21.06	Per Cubic metre.			
		Total:-				

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

## SCHEDULE OF QUANTITY

Estimated cost:- **345334.00**  
 Earnest money:- 6900.00  
 Time:- Two Months

**NAME OF WORK:** - RR Damages on Rampur Gaura Mashnoo road Km 0/000 to 31/500.(Portion 0/000 to 11/000).  
**(SH:-C/O R/Wall in PCC at R.D. 0/201 to 0/208).**

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.	13.65	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.	9.24	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.	1.77	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.	62.16	Cum.			
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.	42.00	Each			
6	Backfilling /Filter media with granular material behind retaining wall/breast wall as per specification 1204.3.8 in a width of 600 mm. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	10.50	Per Cubic metre.			

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

## SCHEDULE OF QUANTITY

Estimated cost:- 499880.00  
Earnest money:- 10000.00  
Time:- One month

**Name of Work:- A/R & M/O Residential accomodation of EE Residence(B&R) at Rampur.**

**SH- P/F Wood Work,Brick Work,Tile work, plastering & steel work etc).**

Sr. No.	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount
1	Centering and shuttering including strutting, propping etc. and removal of form for including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.					
i)	Suspended floors, roofs, landings, balconies and access platform	34.40	Sqm.			
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	8.51	Cum.			
3	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown , laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete.including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	10.16	Sqm.			



4	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineerin- Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	33.45	Sqm.			
5	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level Thermo-Mechanically Treated bars of grade Fe-415 D or more.including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	371.07	kg			
6	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length ( hold fast lugs or dash fastener shall be paid for separately).2nd class deodar wood including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	0.320	Cum.			
7	Providing and fixing 8 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & double action hydraulic floor spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Engineer-in- charge (Door handle, lock and stopper etc.to be paid separately).(Market rate)including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	8.390	Sqm.			



8	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 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.	4.06	Cum.			
9	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 hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	11.14	Cum			
10	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer- charge. 38 mm thick shutters including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	6.74	Sqm.			
11	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws : Second 2nd class Deodar wood including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	7.24	Sqm.			
12	Providing and fixing Brass tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade, with necessary screws etc. complete : including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.					
i)	100 mm	38.00	Each			

ii)	150mm	6.00	Each			
13	Providing and fixing Brass handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete.including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.					
i)	125 mm	4.00	Each			
ii)	150 mm	20.00	Each			
iii)	200mm	2.00	Each			
14	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1.00	Each			
15	Providing and fixing bright finished brass hard drawn hooks and eyes :150 mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	11.00	Each			
16	20 mm cement plaster of mix: 1:4 (1 cement: 4 coarse sand)including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	115.52	Sqm			

17	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.	711.60	kg			
					<b>Total:-</b>	

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



## SCHEDULE OF QUANTITY

Estimated cost :- 303830.00  
 Earnest money :- 6100.00  
 Time allowed:- One month

**Name of Work:-** R/R damages on various roads in Sarahan Section under Sarahan Sub- Division.  
 (SH:- Deployment/Hiring of JCB/Excavator-cum loader for removal of slips at various RDs)

Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	2	3	4	5	6	7
1	Hiring of earth cutting/excavating machinery of 0.75 cubic meter bucket capacity @ 45 cubic meter per hour loading capacity to be deployed for earth cutting/excavation/ filling/slips and clearance of blocked side drain etc. including cost of fuel oil lubricant and wages of operating staff. any repair/ breakage during operation will be absolute responsibility of contractor/owner at his own risk. Shifting of machinery from one place to other place will be absolute responsibility of the contractor and no payment will be made for the same. Only actual working hours will be accounted for the payment. Cutting in earth work/removal of slips in all kinds of soil including loading in tipper/truck, removal/disposal of the same in all leads and lifts to the entire satisfactions and directions of Engineer-in-Charge.	230.00	Per hour			

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

## DRAFT SCHEDULE OF QUANTITY

Estimated cost:- 337031.00  
Earnest money:- 6,750.00  
Time:- One month

**NAME OF WORK:- Improvement of Black spot on Rohru Sungri Bahli Taklech Nogli road km 27/000 to 80/000**

**(SH:- Cutting and Improvement of curve at RD 34/135 to 34/165, 34/310 to 34/340 & 35/375 to 35/405).**

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 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 262.75 cum @ Rupees 170/= only (Rupees 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.	806.47	Per Cubic metre			
					Total:-	

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



## SCHEDULE OF QUANTITY

Estimated Cost:- 326060.00

Earnest Money:- 6500.00

Time:- Two Months

Name of Work:- C/O Racholi Kandi Odda santhal Road km 0/000 to 5/000.

(SH:- C/O X-Drainage work at RD 4/395 to 4/350 4/425 to 4/432).

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.	15.17	Per Cubic metre.			
2	<b>Excavation for structures:-</b> 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.	32.38	Per Cubic meter			
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.	8.08	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 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.	15.67	Per Cubic metre.			
3	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 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.	34.20	Per Cubic metre			
6	Laying of reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection work, back filling, concrete and masonry work in head walls and parapets:- 900mm dia. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	15.00	Per Running Metre			
7	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, finishing and reinforcement. All work up to plinth level 1:2.50:5 (1 cement : 2.50 coarse sand : 5 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.	2.00	Per Cubic metre			
8	Backfilling /Filter media with granular material behind retaining wall/breast wall as per specification 1204.3.8 in a width of 600 mm. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	10.80	Per Cubic metre.			
9	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.	76.00	Each			
		Total:-				

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

## SCHEDULE OF QUANTITY

Estimated cost:- **278118.00**  
 Earnest money:- **5600.00**  
 Time:- **One Month**

**NAME OF WORK:** -A/R & M/O Residential Accomodation of E.E. Residence (B&R) at Rampur.  
**(SH:-P/L Paver Blocks).**

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (In Word)	Amount
1	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.	3.79	Per Cubic metre			
2	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & 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 per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in- Charge 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.					
i)	60mm thick cement concrete paver block of M-30.	93.04	Per Square Metre			
ii)	80 mm thick C.C. paver block of M-50.	90.22	Per Square Metre			

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



## SCHEDULE OF QUANTITY

Estimated cost:- 258493.00  
 Earnest money:- 5170.00  
 Time:- One month

**NAME OF WORK:** -R/R Damages on Rampur Gaura Mashnoo Jeori Road KM/RD 0/000 to 61/000  
**(SH:-C/O RCC R/WALL at RD 26/090 to 26/099)**

Sr. No.	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount
1	Excavation for roadway in hard rock with controlled blasting by drilling, blasting and breaking, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross-sections, loading and disposal of cut rock with a lift upto 1.5 m and leads upto 1000 m as per Technical Specification Clause 302.3.5 including carriage of material within all leads and lifts and other incidentals.	4.34	Per Cubic metre.			
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802,803,1202 and 1203 with P.C.C. grade M-10 nominal mix 1:2:4 including carriage of material within all leads and lifts and other incidentals.	4.34	Per Cubic metre.			
3	Supplying fitting & placing TMT Bar Re-inforcement in sub-structure complete as per drawing and technical specification clauses 1002,1005,1010 & 1202 including carriage of material within all leads and lifts and other incidentals.	180.68	Per Cubic metre.			
4	Providing and laying cement concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803, 1202 and 1203. PCC Nominal Mix 1:5:10(40mm aggregates) including carriage of material within all leads and lifts and other incidentals.	44.12	Cum.			



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.	12.07	Per Cubic metre.			
6	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.	18.00	Each			
					Total:-	

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

## SCHEDULE OF QUANTITY

Estimated cost :- 225905.00  
 Earnest money :- 4500.00  
 Time allowed:- One Month

**Name of Work:- R/R Damages on Nogli Power House- Kalna- Batuna road Km**  
 (SH:-C/O PCC R/Wall at RD 0/555 to 0/565).

Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	<b>Excavation in Hill area by manual/mechanical means:-</b> 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.	15.40	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.	16.50	per cubic metre			
2	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.	3.30	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.	39.03	Cum.			
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.	25.00	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.	6.00	Per Cubic metre.			

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H.P.P.W.D. Rampur.