



**HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT**

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

No. PW/ RMP/TA-I/Publication/2022- 11459  
To

Dated:- 01-10-2022

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



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PUBLIC WORKS DEPARTMENT**

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**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 **07.10.2022** 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 **10.10.2022** 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 **10.10.2022** 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** Rectification of identified black spot on Samej Sarpara road Km. 0/000 to 13/450 (SH:- P/F W metal Beam crash barrier at RD 4/050 to 4/115) **ESTIMATED COST** Rs.2,97,440/- **EARNEST MONEY** Rs.5,900/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-2** Rectification of identified black spot on Katolu Ganvi Fancha road Km. 0/000 to 17/545 (SH:- C/O R/wall at RD 8/315 to 8/330) **ESTIMATED COST** Rs.3,09,702/- **EARNEST MONEY** Rs.6,200/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-3** Rectification of identified black spot on Katolu Ganvi Fancha road Km. 0/000 to 17/545 (SH:- C/O R/wall at RD 9/570 to 9/585) **ESTIMATED COST** Rs.3,09,702/- **EARNEST MONEY** Rs.6,200/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-4** Rectification of identified black spot on Katolu Ganvi Fancha road Km. 0/000 to 17/545 (SH:- C/O R/wall at RD 8/315 to 8/330) **ESTIMATED COST** Rs.3,09,702/- **EARNEST MONEY** Rs.6,200/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-5** Rectification of identified black spot on Katolu Ganvi Fancha road Km. 0/000 to 17/545 (SH:- P/F W Metal beam crash barrier at RD 8/315 to 8/330, 9/570 to 9/585 & 16/840 to 16/870) **ESTIMATED COST** Rs.2,04,335/- **EARNEST MONEY** Rs.4,100/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-6** Rectification of identified black spot on Ganvi Keo road Km. 0/000 to 4/180 (SH:- C/O R/wall at RD 0/840 to 0/860 & Edge wall at RD 0/785 to 0/800) **ESTIMATED COST** Rs.4,82,751/- **EARNEST MONEY** Rs.9,700/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-7** Rectification of identified black spot on Ganvi Keo road Km. 0/000 to 4/180 (SH:- P/F W Metal beam crash barrier at RD 0/840 to 0/860 & edge wall at RD 0/785 to 0/800) **ESTIMATED COST** Rs.1,58,462/- **EARNEST MONEY** Rs.3,200/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-



- WORK No-8** Rectification of identified black spot on Keo Koot Kinfi road Km. 0/000 to 13/500 (SH:- P/F W metal beam crash barrier at RD 2/200 to 2/225, 2/700 to 2/720, 10/720 to 10/745) **ESTIMATED COST** Rs.3,17,694/- **EARNEST MONEY** Rs.9,400/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-9** Rectification of identified black spot on Keo Koot Kinfi road Km. 0/000 to 13/500 (SH:- C/O R/wall at RD 7/025 to 7/035) **ESTIMATED COST** Rs.2,04,641/- **EARNEST MONEY** Rs.4,100/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-10** Rectification of identified black spot on Keo Koot Kinfi road Km. 0/000 to 13/500 (SH:- C/O R/wall at RD 7/975 to 7/985) **ESTIMATED COST** Rs.1,99,623/- **EARNEST MONEY** Rs.4,000/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-11** Rectification of identified black spot on Keo Koot Kinfi road Km. 0/000 to 13/500 (SH:- C/O R/wall at RD 10/340 to 10/365) **ESTIMATED COST** Rs.4,08,513/- **EARNEST MONEY** Rs.8,200/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-12** Rectification of identified black spot on Keo Koot Kinfi road Km. 0/000 to 13/500 (SH:- C/O B/wall at RD 10/340 to 10/365) **ESTIMATED COST** Rs.3,62,013/- **EARNEST MONEY** Rs.7,200/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-13** Rectification of identified black spot on Keo Koot Kinfi road Km. 0/000 to 13/500 (SH:- C/O R/wall at RD 10/510 to 10/535) **ESTIMATED COST** Rs.3,46,121/- **EARNEST MONEY** Rs.6,900/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-14** Rectification of identified black spot on Keo Koot Kinfi road Km. 0/000 to 13/500 (SH:- C/O R/wall at RD 10/775 to 10/790) **ESTIMATED COST** Rs.2,08,992/- **EARNEST MONEY** Rs.4,200/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-15** Rectification of identified black spot on Keo Koot Kinfi road Km. 0/000 to 13/500 (SH:- C/O B/wall at RD 12/325 to 12/350) **ESTIMATED COST** Rs.3,62,013/- **EARNEST MONEY** Rs.7,200/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-16** Rectification of identified black spot on Keo Koot Kinfi road Km. 0/000 to 13/500 (SH:- C/O R/wall at RD 12/710 to 12/730) **ESTIMATED COST** Rs.2,91,902/- **EARNEST MONEY** Rs.5,800/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-17** Rectification of identified black spot on Pajidhar Chandi Branda road Km. 0/000 to 10/000 (SH:- C/O R/wall between at RD 1/825 to 1/840) **ESTIMATED COST** Rs.2,08,992/- **EARNEST MONEY** Rs.4,200/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-18** Rectification of identified black spot on Pajidhar Chandi Branda road Km. 0/000 to 10/000 (SH:- P/F W Metal Beam crash barrier at Km. 1/825 to 1/840, 3/180 to 3/205 & 5/015 to 5/030) **ESTIMATED COST** Rs.2,40,589/- **EARNEST MONEY** Rs.4,800/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-19** A/R & M/O Mashnoo Taklech road Km. 0/000 to 48/000 (portion Km. 12/000 to 38/000) (SH:- Repair of pot holes in Km. 31/000 to 33/000) **ESTIMATED COST** Rs.4,60,967/- **EARNEST MONEY** Rs.9,200/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-



**WORK No-20** Rectification of identified black spot on Jeori Ganvi road Km. 0/000 to 11/000 (SH:- C/O wire crate in R/wall at RD 7/235 to 7/250) **ESTIMATED COST** Rs.2,67,356/- **EARNEST MONEY** Rs.5,300/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

**WORK No-21** Rectification of identified black spot on Jeori Ganvi road Km. 0/000 to 11/000 (SH:- C/O P/F metal beam crash barrier at Km. 6/840 to 6/890 & 7/225 to 7/255) **ESTIMATED COST** Rs.3,44,976/- **EARNEST MONEY** Rs.6,900/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

**WORK No-22** R/R damages on Rai Bahli Khunni Kharahan road Km. 0/000 to 15/250 (SH:- C/O R/wall in PCC at RD 14/734 to 14/742) **ESTIMATED COST** Rs.1,18,319/- **EARNEST MONEY** Rs.2,400/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

**WORK No-23** Rectification of identified black spot on Kashadhar Darkali road Km. 0/000 to 22/700 (SH:- Providing and erecting "W" metal beam crash barrier at RD 14/140 to 14/170, 12/820 to 12/860 & 11/385 to 11/430) **ESTIMATED COST** Rs.4,96,386/- **EARNEST MONEY** Rs.9,900/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

**WORK No-24** Rectification of identified black spot on Kashadhar Darkali road Km. 0/000 to 22/700 (SH:- C/O W metal beam crash barrier at Km. 7/255 to 7/330) **ESTIMATED COST** Rs.3,21,852/- **EARNEST MONEY** Rs.6,400/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

**WORK No-25** Improvement of Panchayat recommended black spot on Keyao Koot Kinfi road Km. 0/000 to 13/500 (SH:- Providing and laying compacting G-III, Premix carpet, seal coat from Km. 4/630 to 5/000) **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 T.J.G.N.K road Km 0/000 to 52/000 (SH:- C/O Wire crate R/Wall at RD 44/060 to 44/076.80) **ESTIMATED COST** Rs.4,60,983/- **EARNEST MONEY** Rs.9,200/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-

**WORK No-27** C/O approach road from village Sanei to Shikari Kali Mata Mandir Km 0/000 to 3/500. (SH:- Formation Cutting in Km 2/275 to 2/540) **ESTIMATED COST** Rs.4,99,104/- **EARNEST MONEY** Rs.10,000/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

**WORK No-28** R/R Damages on Mashnoo Taklech road km 0/000 to 48/000. (Portion 38/000 to 48/000). (SH:- C/O PCC R/Wall at RD 39/820 to 39/835) **ESTIMATED COST** Rs.2,67,114/- **EARNEST MONEY** Rs.5,300/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

**WORK No-29** R/R Damages on Rai Bahli Lahru Kharela road Km 0/000 to 16/565. (Portion Rai Bahli to Lahru). (SH:- C/o wire crate R/Wall and toe wall in PCC at RD 1/977 to 1/992) **ESTIMATED COST** Rs.4,40,021/- **EARNEST MONEY** Rs.8,800/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-

**WORK No-30** R/R Damages on Rai Bahli Lahru Kharela road Km 0/000 to 16/565. (Portion Rai Bahl to Lahru). (SH:- C/o wire crate R/Wall and toe wall in PCC at RD 4/352 to 4/367) **ESTIMATED COST** Rs.4,95,623/- **EARNEST MONEY** Rs.9,900/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-



**WORK No-31** R/R Damages on Rai Bahli Lahru Kharela road Km 0/000 to 16/565. (Portion Rai Bahli to Lahru). (SH:- C/o wire crate R/Wall at RD 1/490 to 1/525) **ESTIMATED COST** Rs.3,60,078/- **EARNEST MONEY** Rs.7,200/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-

**WORK No-32** R/R Damages on Mashnoo Takleeh road km 0/000 to 48/000. (Portion Km 12/000 to 38/000). (SH:- C/O Wire Crate R/Wall at RD 24/830 to 24/845, 27/930 to 27/940, 29/565 to 29/570 & 29/580 to 29/585) **ESTIMATED COST** Rs.2,28,597/- **EARNEST MONEY** Rs.6,600/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-

**WORK No-33** R/R Damages on Mashnoo Takleeh road km 0/000 to 48/000. (Portion Km 12/000 to 38/000). (SH:- C/O Wire Crate R/Wall at RD 34/030 to 34/040 & 36/285 to 36/295) **ESTIMATED COST** Rs.2,94,814/- **EARNEST MONEY** Rs.5,900/- **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.1,67,851/- **EARNEST MONEY** Rs.3,400/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

**WORK No-35** A/R & M/O link road to village Deothi 12/20 km 0/00 to 0/720. (SH:- C/O cross drainage work at RD 0/190, 0/600) **ESTIMATED COST** Rs.1,16,490/- **EARNEST MONEY** Rs.2,300/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

**WORK No-36** R/R Damages on Kashadhar Darkali Road Km 0/000 to 22/700. (SH:-C/O Wire Crate R/WALL at RD 19/230 to 19/240 & 19/465 to 19/493) **ESTIMATED COST** Rs.4,92,674/- **EARNEST MONEY** Rs.9,900/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-

**WORK No-37** R/R Damages on Kashadhar Darkali Road Km 0/000 to 22/700. (SH:-C/O R/R Masonry R/Wall with PCC toe wall at Km 17/070 to 17/080) **ESTIMATED COST** Rs.4,17,982/- **EARNEST MONEY** Rs.8,400/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-

**WORK No-38** R/R Damages on Kashadhar Darkali Road Km 0/000 to 22/700. (SH:-C/O R/R Masonry R/Wall with PCC toe wall at Km 17/060 to 17/070) **ESTIMATED COST** Rs.4,18,829/- **EARNEST MONEY** Rs.8,400/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-

**WORK No-39** R/R Damage on Rai Bahli Lahru Kharela road Km 0/000 to 10/565. (Portion Rai Bahli to Lahru). (SH:-C/O Wire Crate R/Wall and Toe Wall in PCC at RD 0/145 to 0/155) **ESTIMATED COST** Rs.3,66,442/- **EARNEST MONEY** Rs.7,300/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-

**WORK No-40** R/R Damage on Rai Bahli Lahru Kharela road Km 0/000 to 10/565. (Portion Rai Bahli to Lahru). (SH:-C/O Wire Crate R/Wall and Toe Wall in PCC at RD 0/155 to 0/165) **ESTIMATED COST** Rs.3,66,442/- **EARNEST MONEY** Rs.7,300/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-

**WORK No-41** A/R & M/O Mashnoo Takleeh road Km 0/000 to 48/000. (Portion Km 12/000 to 38/000). (SH:- Repair of RCC Slab Culvert at RD 24/270) **ESTIMATED COST** Rs.4,35,609/- **EARNEST MONEY** Rs.8,700/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-



- WORK No-42** C/O CHC Building at Nankhari Distt. Shimla HP. (SH:- P/L Kharanja Stone Soling and PCC flooring in Parking of Type III Quarters and other Civil works) **ESTIMATED COST** Rs.1,21,536/- **EARNEST MONEY** Rs.2,400/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-43** C/O Gahan Majhdharti road Km 0/000 to 8/500. (SH:- C/O B/Wall in wire crate at RD 1/745 to 1/777, 1/793 to 1/809 & 1/870 to 1/891) **ESTIMATED COST** Rs.4,94,317/- **EARNEST MONEY** Rs.9,900/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-
- WORK No-44** C/O Gahan Majhdharti road Km 0/000 to 8/500. (SH:- C/O Wire Crate B/wall at RD 6/195 to 6/215) **ESTIMATED COST** Rs.1,38,926/- **EARNEST MONEY** Rs.2,800/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-45** C/O Gahan Majhdharti road Km 0/000 to 8/500. (SH:- C/O Wire Crate R/wall at RD 1/747 to 1/775) **ESTIMATED COST** Rs.3,07,079/- **EARNEST MONEY** Rs.6,100/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-
- WORK No-46** Construction of R/Wall in Jeori Nawaroo Bonda road in Tehsil Rampur Shimla (H.P.). Under SCSP Scheme. (SH:- C/O R/Wall in Wire Crate between RD 0/270 to 0/285) **ESTIMATED COST** Rs.2,24,709/- **EARNEST MONEY** Rs.4,500/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-47** C/O Peyojan to Baghi Ghati road Km. 0/000 to 6/000 (SH:- P/L Kharanja stone soling in Km. 0/300 to 0/520 & removal of slips and land sides in between 0/000 to 1/000) **ESTIMATED COST** Rs.3,00,021/- **EARNEST MONEY** Rs.6,000/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-48** Construction of Approach road to Chatti Bridge Km 0/000 to 0/060. (SH:- Metalling and Tarring of road Km 0/000 to 0/057) **ESTIMATED COST** Rs.2,80,809/- **EARNEST MONEY** Rs.5,600/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-
- WORK No-49** C/O Racholi Lalsa road Km 0/000 to 14/000. (SH:- C/O R/Wall at Km 9/630 to 9/375) **ESTIMATED COST** Rs.1,46,239/- **EARNEST MONEY** Rs.2,900/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-50** R/R Damages on Kashadhar Darkali Road Km 0/000 to 22/700. (SH:-C/O Wire Crate R/WALL at RD 15/940 to 15/960) **ESTIMATED COST** Rs.1,71,707/- **EARNEST MONEY** Rs.3,400/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-51** Construction of Gahan Majhdharti road Km 0/000 to 8/500. (SH:-C/O Wire Crate R/WALL at RD 4/430 to 4/465) **ESTIMATED COST** Rs.4,95,765/- **EARNEST MONEY** Rs.9,900/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-
- WORK No-52** Construction of Gahan Majhdharti road Km 0/000 to 8/500. (SH:-C/O Wire Crate R/WALL at RD 5/000 to 5/010) **ESTIMATED COST** Rs.1,45,513/- **EARNEST MONEY** Rs.2,900/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-
- WORK No-53** A/R & M/O Rampur Gaura Mashnoo Jeori road Km. 0/000 to 61/000 in Tehsil Rampur Distt. Shimla (SH:- C/O R/wall in RR masonry at various RDs 54/385 to 54/400) **ESTIMATED COST** Rs.2,64,877/- **EARNEST MONEY** Rs.5,300/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-



**WORK No-54** A/R & M/O residential accommodation of (type-II qtr. P-93 at Rampur (SH:- Painting, distempering and other repair works etc.) **ESTIMATED COST** Rs.1,10,345/- **EARNEST MONEY** Rs.2,200/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

**WORK No-55** R/R damages on Kumsu Kamlahoo Kareri road Km. 0/000 to 12/000 (SH:- C/O R/wall at RD 8/785 to 8/792) **ESTIMATED COST** Rs.3,20,202/- **EARNEST MONEY** Rs.6,400/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-

**WORK No-56** R/R damages on Rohru Sungri Bahli Takleeh Nogli road Km. 27/000 to 80/000 (SH:- C/O PCC R/wall at RD 40/490 to 40/502) **ESTIMATED COST** Rs.1,28,694/- **EARNEST MONEY** Rs.2,600/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

**WORK No-57** Periodical Renewal on various road under Rampur Division for the year 2022-23 (SH:- Providing and laying hot applied thermoplastic compound 2.5mm thick line in Jeori Ganvi road at RD 3/000 to 4/000, 4/000 to 5/000, 5/000 to 6/000, 6/000 to 7/000 & 7/000 to 8/000, Ganvi to Labana Sadana road at RD 1/000 to 2/000 and Nirath Punan Baghi road at RD 0/000 to 1/000) **ESTIMATED COST** Rs.4,97,250/- **EARNEST MONEY** Rs.10,000/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-

**WORK No-58** A/R & M/O Jeori Ganvi Fancha road (SH:- Providing and fixing installation of Gantry Board) **ESTIMATED COST** Rs.4,99,999/- **EARNEST MONEY** Rs.10,000/- **TIME LIMIT:-** Two Months **COST OF FORM** Rs. 350/-

**WORK No-59** A/R & M/O Residential accommodation of Type-I Qtr. No. 57 at Pipty (SH:- P/L Kota Stone flooring on roof & painting distempering plastering in patches etc.) **ESTIMATED COST** Rs.1,61,183/- **EARNEST MONEY** Rs.3,200/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

**WORK No-60** C/O Mahatma Gandhi Govt. Engg. College Kotla (Jeori) in Tehsil Rampur Distt. Shimla H.P. (SH:- C/O Septic Tank & Repair of Guest House) **ESTIMATED COST** Rs.1,68,339/- **EARNEST MONEY** Rs.3,400/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

**WORK No-61** C/O Mahatma Gandhi Govt. Engg. College Kotla (Jeori) in Tehsil Rampur Distt. Shimla H.P. (SH:- Repair and Renovation of C & B block & repair of club house ) **ESTIMATED COST** Rs.4,81,173/- **EARNEST MONEY** Rs.9,600/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

**WORK No-62** R/R damages on Rorhu Sungri Bahli Takleeh Nogli road Km. 27/000 to 80/000 (SH:- P/L Kharanja stone soling in Km. 27/000 to 80/000 (P/L Kharanja stone soling in Km. 27/000 to 30/000) **ESTIMATED COST** Rs.1,76,852/- **EARNEST MONEY** Rs.3,500/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

**WORK No-63** Action taken for self inspected black spot on Khanog Sholi road Km. 0/000 to 4/50 (SH:- Providing and erecting "W" metal beam at RD 4/150 to 4/190) **ESTIMATED COST** Rs.2,13,538/- **EARNEST MONEY** Rs.4,300/- **TIME LIMIT:-** One Month **COST OF FORM** Rs. 350/-

**Terms and conditions:-**

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

No: - RMP/Tender/2022/4460-64

Dated:- 01-10-2022

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:- **297440.00**  
 Earnest money:- 5900.00  
 Time:- One Month

**NAME OF WORK:** -Rectification of identified Black spot on Samej Sarpara Road Km 0/000 to 13/500.  
 (SH:- P/F W Metal Beam Crash Barrier at RD 4/050 to 4/115).

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (In Word)	Amount
1	Providing concrete for plain/reinforced concrete in open foundation complete as per drawing & technical specification clause 802,803,1202 & 1203 PCC grade M-15 Nominal min (1:2.5:5) Hand Mixed) including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	10.02	Per Cum.			
2	Providing and errevting "W" metal beam crash barrier comprising of 3mm. Thick corrugated sheet metal rail 70 centimeter above road/ ground level fixed on ISMC series channel vertical post 150X75X5mm spaced 2.00 mter centre to centre , 1.80 mter high 1.10 metre below ground/road level, all steel member and fittments to be galvanised by hot dip process. all fittings should confirm to IS: 1364 and metal beam rail to be fixed on the vertical post with a spacer of channel section 150X75X5mm, 330mm, long complete as per technical specification clause 810. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	65.00	Per Running metre.			

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

## SCHEDULE OF QUANTITY

Estimated cost:-	309702.00
Earnest money:-	6200.00
Time:-	Two Months

**Name of Work :-** Rectification of identified Black spot on Katolu Ganvi Fancha road Km 0/000 yo 17/545.  
(SH:- C/o Retaining Wall at RD 8/315 to 8/330).

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 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.	29.14	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.	59.11	per cubic metre			
3	Providing and laying cement concrete 1:6:12 (1 cement:6 sand : 12 graded stone 40mm aggregate nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803, 1202 and 1203.including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	7.35	Per Cubic metre			
4	Stone masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 with random rubble masonry in cement mortar 1:6 (1 cement :6 sand) . including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	31.17	Per Cubic metre .			



5	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.	3.00	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.	45.52	Per Cubic metre			
7	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.	13.50	Per Cubic metre.			

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

## SCHEDULE OF QUANTITY

Estimated cost:-	<b>309702.00</b>
Earnest money:-	<b>6200.00</b>
Time:-	<b>Two Months</b>

**Name of Work :-**Rectification of identified Black spot on Katolu Ganvi Fancha road Km 0/000 yo 17/545.  
(SH:- C/o Retaining Wall at RD 9/570 to 9/585).

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.	29.14	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.	59.11	per cubic metre			
3	Providing and laying cement concrete 1:6:12 (1 cement:6 sand : 12 graded stone 40mm agregate nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803, 1202 and 1203.including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	7.35	Per Cubic metre			
4	Stone masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 with randum rubble masonry in cement mortar 1:6 (1 cement :6 sand) . including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	31.17	Per Cubice metre .			



5	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.	3.00	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.	45.52	Per Cubic metre			
7	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.	13.50	Per Cubic metre.			

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

## SCHEDULE OF QUANTITY

Estimated cost:- **309702.00**  
 Earnest money:- **6200.00**  
 Time:- **Two Months**

**Name of Work :-** Rectification of identified Black spot on Katolu Ganvi Fancha road Km 0/000 to 17/545.  
 (SH:- C/o Retaining Wall at RD 16/840 to 16/870).

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount.
1	Excavation in Hill area by manual/mechanical means:- Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out rock( where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer-in-Charge, in conformity with the requirement of technical specification of rural roads clause 1603.1 all useful material such as stone, shingle, aggregates & slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	29.14	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.	59.11	per cubic metre			
3	Providing and laying cement concrete 1:6:12 (1 cement:6 sand : 12 graded stone 40mm aggregate nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803, 1202 and 1203. including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	7.35	Per Cubic metre			
4	Stone masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 with random rubble masonry in cement mortar 1:6 (1 cement :6 sand) . including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	31.17	Per Cubic metre .			



5	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.	3.00	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.	45.52	Per Cubic metre			
7	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.	13.50	Per Cubic metre.			

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

## SCHEDULE OF QUANTITY

Estimated cost:- **204335.00**  
 Earnest money:- **4100.00**  
 Time:- **One Month**

**Name of Work :-** Rectification of identified Black spot on Katolu Ganvi Fancha road Km 0/000 to 17/545.  
 (SH:-P/F W Metal Beam Crash Barrier at RD 8/315 to 8/330, 9/570 to 9/585 & 16/840 to 16/870).

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (In Word)	Amount
1	Providing concrete for plain/reinforced concrete in open foundation complete as per drawing & technical specification clause 802,803,1202 & 1203 PCC grade M-15 Nominal min (1:2.5:5) Hand Mixed) 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.	6.68	Per Cum.			
2	Providing and errecting "W" metal beam crash barrier comprising of 3mm. Thick corrugated sheet metal rail 70 centimeter above road/ ground level fixed on ISMC series channel vertical post 150X75X5mm spaced 2.00 mter centre to centre , 1.80 mter high 1.10 metre below ground/road level, all steel member and fittments to be galvanised by hot dip process. all fittings should confirm to IS: 1364 and metal beam rail to be fixed on the vertical post with a spacer of channel section 150X75X5mm, 330mm, long complete as per technical specification clause 810. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	45.00	Per Running metre.			

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



## SCHEDULE OF QUANTITY

Estimated cost:- **482751.00**  
 Earnest money:- **9700.00**  
 Time:- **Two Months**

**Name of Work :-** Rectification of identified Black spot on Ganvi Keo road Km 0/000 to 4/180.  
 (SH:- C/o Retaining wall at Rd 0/840 to 0/860 & Edge wall at RD 0/785 to 0/800).

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount.
1	Excavation in Hill area by manual/mechanical means:- Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out rock( where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer-in-Charge, in conformity with the requirement of technical specification of rural roads clause 1603.1 all useful material such as stone, shingle, aggregates & slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	27.75	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.	36.00	per cubic metre			
3	Providing and laying cement concrete 1:6:12 (1 cement:6 sand : 12 graded stone 40mm aggregate nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803, 1202 and 1203.including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	8.52	Per Cubic metre			
4	Stone masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 with random rubble masonry in cement mortar 1:6 (1 cement :6 sand) . including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	58.69	Per Cubic metre .			

5	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.	4.00	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.	62.88	Per Cubic metre			
7	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.	24.00	Per Cubic metre.			

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



## SCHEDULE OF QUANTITY

Estimated cost:- **158462.00**  
 Earnest money:- **3200.00**  
 Time:- **One Month**

**Name of Work :-** Rectification of identified Black spot on Ganvi Keo road Km 0/000 to 4/180.  
 (SH:- P/F W Metal Beam Crash Barrier at Rd 0/840 to 0/860 & Edge wall at RD 0/785 to 0/800).

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (In Word)	Amount
1	Providing concrete for plain/reinforced concrete in open foundation complete as per drawing & technical specification clause 802,803,1202 & 1203 PCC grade M-15 Nominal min (1:2.5:5) Hand Mixed) 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.	5.12	Per Cum.			
2	Providing and erecting "W" metal beam crash barrier comprising of 3mm. Thick corrugated sheet metal rail 70 centimeter above road/ ground level fixed on ISMC series channel vertical post 150X75X5mm spaced 2.00 meter centre to centre , 1.80 meter high 1.10 metre below ground/road level, all steel member and fittings to be galvanised by hot dip process. all fittings should confirm to IS: 1364 and metal beam rail to be fixed on the vertical post with a spacer of channel section 150X75X5mm, 330mm, long complete as per technical specification clause 810. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	35.00	Per Running metre.			

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

## SCHEDULE OF QUANTITY

Estimated cost:- **317694.00**  
 Earnest money:- **6400.00**  
 Time:- **One Month**

**Name of Work :-** Rectification of identified Black spot on Keo Koot Kinf road 0/000 to 13/500.  
 (SH:- P/F W Metal Beam Crash Barrierat RD 2/200 to 2/225, 2/700 to 2/720, 10/720 to 10/745).

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (In Word)	Amount
1	Earth work in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 metre, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto 3 metre depth. including and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	10.02	Per Cum.			
1	Providing concrete for plain/reinforced concrete in open foundation complete as per drawing & technical specification clause 802,803,1202 & 1203 PCC grade M-15 Nominal min (1:2.5:5) Hand Mixed) including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	10.02	Per Cum.			
2	Providing and errecting "W" metal beam crash barrier comprising of 3mm. Thick corrugated sheet metal rail 70 centimeter above road/ ground level fixed on ISMC series channel vertical post 150X75X5mm spaced 2.00 mter centre to centre , 1.80 mter high 1.10 metre below ground/road level, all steel member and fittments to be galvanised by hot dip process. all fittings should confirm to IS: 1364 and metal beam rail to be fixed on the vertical post with a spacer of channel section 150X75X5mm, 330mm, long complete as per technical specification clause 810. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	70.00	Per Running metre.			

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



## SCHEDULE OF QUANTITY

Estimated cost:- **204641.00**  
 Earnest money:- **4100.00**  
 Time:- **One Month**

**Name of Work :-** Rectification of identified Black spot on Keo Koot Kinf road 0/000 to 13/500.  
 (SH:- C/o Retaining Wall at RD 7/025 to 7/035).

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount.
1	Excavation in Hill area by manual/mechanical means:- Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out rock( where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer-in-Charge, in conformity with the requirement of technical specification of rural roads clause 1603.1 all useful material such as stone, shingle, aggregates & slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	19.43	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.	39.41	per cubic metre			
3	Providing and laying cement concrete 1:6:12 (1 cement:6 sand : 12 graded stone 40mm aggregate nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803, 1202 and 1203.including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	4.90	Per Cubic metre			
4	Stone masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 with random rubble masonry in cement mortar 1:6 (1 cement :6 sand) . including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	19.98	Per Cubic metre .			

5	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.	2.00	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.	31.07	Per Cubic metre			
7	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.	9.00	Per Cubic metre.			

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



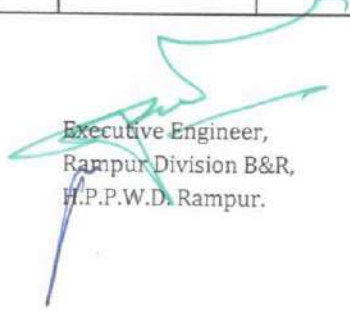
## SCHEDULE OF QUANTITY

Estimated cost:- **199623.00**  
 Earnest money:- **4000.00**  
 Time:- **One Month**

**Name of Work :-** Rectification of identified Black spot on Keo Koot Kinf road 0/000 to 13/500.  
**SH:-** C/o Retaining Wall at RD 7/975 to 7/985).

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount.
1	Excavation in Hill area by manual/mechanical means:- Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out rock( where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer-in-Charge, in conformity with the requirement of technical specification of rural roads clause 1603.1 all useful material such as stone, shingle, aggregates & slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	19.43	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.	39.41	per cubic metre			
3	Providing and laying cement concrete 1:6:12 (1 cement:6 sand : 12 graded stone 40mm aggregate nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803, 1202 and 1203.including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	4.90	Per Cubic metre			

4	Stone masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 with random rubble masonry in cement mortar 1:6 (1 cement : 6 sand) . including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	19.98	Per Cubic metre .			
5	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.	2.00	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.	28.84	Per Cubic metre			
7	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.	9.00	Per Cubic metre.			

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



## SCHEDULE OF QUANTITY

Estimated cost:- **408513.00**  
 Earnest money:- **8200.00**  
 Time:- **Two Months**

**Name of Work :-** Rectification of identified Black spot on Keo Koot Kinf road 0/000 to 13/500.  
 (SH:- C/o Retaining Wall at RD 10/340 to 10/365).

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.	14.34	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.	24.15	per cubic metre			
3	Providing and laying cement concrete 1:6:12 (1 cement:6 sand : 12 graded stone 40mm agregate nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803, 1202 and 1203.including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	10.75	Per Cubic metre			

4	Stone masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 with random rubble masonry in cement mortar 1:6 (1 cement :6 sand) . including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	38.38	Per Cubice metre .			
5	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.	4.46	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.	69.20	Per Cubic metre			
7	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.	18.00	Per Cubic metre.			

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



## SCHEDULE OF QUANTITY

Estimated cost:- **362013.00**  
 Earnest money:- **7200.00**  
 Time:- **Two Months**

**Name of Work :-** Rectification of identified Black spot on Keo Koot Kinfir road 0/000 to 13/500.  
 (SH:- C/o Breast Wall at RD 10/340 to 10/365).

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount.
1	Excavation in Hill area by manual/mechanical means:- Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out rock( where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer-in-Charge, in conformity with the requirement of technical specification of rural roads clause 1603.1 all useful material such as stone, shingle, aggregates & slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	50.75	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.	29.63	per cubic metre			
3	Providing and laying cement concrete 1:6:12 (1 cement:6 sand : 12 graded stone 40mm aggregate nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803, 1202 and 1203.including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	7.88	Per Cubic metre			

4	Stone masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 with random rubble masonry in cement mortar 1:6 (1 cement :6 sand) . including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	50.08	Per Cubice metre .			
5	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.	45.66	Per Cubic metre			

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



## SCHEDULE OF QUANTITY

Estimated cost:- **346121.00**  
 Earnest money:- **6900.00**  
 Time:- **Two Months**

**Name of Work :-** Rectification of identified Black spot on Keo Koot Kinf road 0/000 to 13/500.  
 (SH:- C/o Retaining Wall at RD 10/510 to 10/535).

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount.
1	Excavation in Hill area by manual/mechanical means:- Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out rock( where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer-in-Charge, in conformity with the requirement of technical specification of rural roads clause 1603.1 all useful material such as stone, shingle, aggregates & slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	14.34	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.	24.15	per cubic metre			
3	Providing and laying cement concrete 1:6:12 (1 cement:6 sand : 12 graded stone 40mm aggregate nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803, 1202 and 1203.including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	10.75	Per Cubic metre			

4	Stone masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 with random rubble masonry in cement mortar 1:6 (1 cement :6 sand) . including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	38.38	Per Cubice metre .			
5	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.	4.46	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.	41.47	Per Cubic metre			
7	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.	18.00	Per Cubic metre.			

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



## SCHEDULE OF QUANTITY

Estimated cost:-	208992.00
Earnest money:-	4200.00
Time:-	One Month

**Name of Work :-** Rectification of identified Black spot on Keo Koot Kinfir road 0/000 to 13/500.  
(SH:- C/o Retaining Wall at RD 10/775 to 10/790).

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount.
1	Excavation in Hill area by manual/mechanical means:- Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out rock( where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer-in-Charge, in conformity with the requirement of technical specification of rural roads clause 1603.1 all useful material such as stone, shingle, aggregates & slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	8.61	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.	14.49	per cubic metre			
3	Providing and laying cement concrete 1:6:12 (1 cement:6 sand : 12 graded stone 40mm aggregate nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803, 1202 and 1203.including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	6.45	Per Cubic metre			

4	Stone masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 with random rubble masonry in cement mortar 1:6 (1 cement :6 sand) . including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	23.46	Per Cubice metre .			
5	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.	2.68	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.	24.63	Per Cubic metre			
7	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.			

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



## SCHEDULE OF QUANTITY

Estimated cost:-	362013.00
Earnest money:-	7200.00
Time:-	Two Months

**Name of Work :-** Rectification of identified Black spot on Keo Koot Kinf road 0/000 to 13/500.  
(SH:- C/o Breast Wall at RD 12/325 to 12/350).

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount.
1	Excavation in Hill area by manual/mechanical means:- Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out rock( where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer-in-Charge, in conformity with the requirement of technical specification of rural roads clause 1603.1 all useful material such as stone, shingle, aggregates & slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	50.75	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.	29.63	per cubic metre			
3	Providing and laying cement concrete 1:6:12 (1 cement:6 sand : 12 graded stone 40mm aggregate nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803, 1202 and 1203.including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	7.88	Per Cubic metre			

4	Stone masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 with random rubble masonry in cement mortar 1:6 (1 cement :6 sand) . including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	50.08	Per Cubice metre .			
5	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.	45.66	Per Cubic metre			

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



## SCHEDULE OF QUANTITY

Estimated cost:- **291902.00**  
 Earnest money:- **5800.00**  
 Time:- **Two Months**

**Name of Work :-** Rectification of identified Black spot on Keo Koot Kinf road 0/000 to 13/500.  
 (SH:- C/o Breast Wall at RD 12/710 to 12/730).

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount.
1	Excavation in Hill area by manual/mechanical means:- Excavation in soil in hill areas all heights and depth in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out rock( where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth with a lift upto all heights and all leads as directed by the Engineer-in-Charge, in conformity with the requirement of technical specification of rural roads clause 1603.1 all useful material such as stone, shingle, aggregates & slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	40.60	Per Cubic metre.			
2	Earth work in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth. as directed by the Engineer-in-Charge. all useful material such as stone, shingle, aggregates & slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	23.70	per cubic metre			
3	Providing and laying cement concrete 1:6:12 (1 cement:6 sand : 12 graded stone 40mm aggregate nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803, 1202 and 1203.including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	6.30	Per Cubic metre			

4	Stone masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 with random rubble masonry in cement mortar 1:6 (1 cement :6 sand) . including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	41.18	Per Cubice metre .			
5	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.	35.41	Per Cubic metre			

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



## SCHEDULE OF QUANTITY

Estimated cost:- 208992.00  
 Earnest money:- 4200.00  
 Time:- One Month

**Name of Work :-** Rectification of identified Black spot on Pajidhar Chandi Branda road Km 0/000 to 10/000.  
 (SH:- C/o Retaining Wall between at RD 1/825 to 1/840).

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.	8.61	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.	14.49	per cubic metre			
3	Providing and laying cement concrete 1:6:12 (1 cement:6 sand : 12 graded stone 40mm agregate nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803, 1202 and 1203.including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	6.45	Per Cubic metre			

4	Stone masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 with random rubble masonry in cement mortar 1:6 (1 cement :6 sand) . including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	23.46	Per Cubice metre .			
5	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.	2.68	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.	24.63	Per Cubic metre			
7	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.			

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



## SCHEDULE OF QUANTITY

Estimated cost:- **240589.00**  
 Earnest money:- **4800.00**  
 Time:- **One Month**

**NAME OF WORK:** - Rectification of identified Black spot on Pajidhar Chandi Branda road Km 0/000 to 10/000.  
**SH:-** P/F W Metal Beam Crash Barrier at Km 1/825 to 1/840, 3/180 to 3/205 & 5/015 to 5/030).

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (In Word)	Amount
1	Providing concrete for plain/reinforced concrete in open foundation complete as per drawing & technical specification clause 802,803,1202 & 1203 PCC grade M-15 Nominal min (1:2.5:5) Hand Mixed) 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.	6.68	Per Cum.			
2	Providing and errevting "W" metal beam crash barrier comprising of 3mm. Thick corrugated sheet metal rail 70 centimeter above road/ ground level fixed on ISMC series channel vertical post 150X75X5mm spaced 2.00 mter centre to centre , 1.80 mter high 1.10 metre below ground/road level, all steel member and fittments to be galvanised by hot dip process. all fittings should confirm to IS: 1364 and metal beam rail to be fixed on the vertical post with a spacer of channel section 150X75X5mm, 330mm, long complete as per technical specification clause 810. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	55.00	Per Running metre.			

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

## SCHEDULE OF QUANTITY

Estimated cost:- **460967.00**  
 Earnest money:- **9200.00**  
 Time:- **Two Months**

**Name of Work :-** A/R & M/O Mashnoo Taklech road Km 0/000 to 48/000. (Portion Km 12/000 to 38/000).  
**(SH:-** Repair of Pot Holes in Km 31/000 to 33/000).

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	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 <b>Grading - 3</b> 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.	69.82	Per Cubic metre			
2	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20 mm thick pre- mix carpet and seal coat type B specification Clause 1904.2, 503 and 508 including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	930.99	Per Square metre			

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



## SCHEDULE OF QUANTITY

Estimated cost:- 267356.00  
 Earnest money:- 5300.00  
 Time:- One Month

**Name of Work :-** Rectification of identified Black spot on Jeori Ganvi road Km 0/000 to 11/000.  
 (SH:- C/o wire crate in R/wall at RD 7/235 to 7/250).

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.	25.93	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.	22.50	per cubic metre			
3	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.	108.90	Per Cubic metre			

Executive Engineer  
 PWD (S&R) Division  
 Rampur Boshahr (H.P.)

## SCHEDULE OF QUANTITY

Estimated cost:-

**344976.00**

Earnest money:-

6900.00

Time:-

Two Months

**NAME OF WORK:** - Rectification of identified Black spot on Jeori Ganvi road Km 0/000 to 11/000.  
(SH:- P/F W Metal Beam Crash Barrier at Km 6/840 to 6/890 & 7/225 to 7/255).

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (In Word)	Amount
1	Providing concrete for plain/reinforced concrete in open foundation complete as per drawing & technical specification clause 802,803,1202 & 1203 PCC grade M-15 Nominal min (1:2.5:5) Hand Mixed) including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	8.91	Per Cum.			
2	Providing and errecting "W" metal beam crash barrier comprising of 3mm. Thick corrugated sheet metal rail 70 centimeter above road/ ground level fixed on ISMC series channel vertical post 150X75X5mm spaced 2.00 mter centre to centre , 1.80 mter high 1.10 metre below ground/road level, all steel member and fittments to be galvanised by hot dip process. all fittings should confirm to IS: 1364 and metal beam rail to be fixed on the vertical post with a spacer of channel section 150X75X5mm, 330mm, long complete as per technical specification clause 810. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	80.00	Per Running metre.			

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



## SCHEDULE OF QUANTITY

Estimated cost :- **118319.00**  
 Earnest money :- **2400.00**  
 Time allowed:- **One Month**

**Name of Work:- R/R Damages on Rai Bahli Khunni Kharahan road Km 0/000 to 15/250.**  
 (SH:-C/O R/Wall in PCC at RD 14/734 to 14/742).

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.	3.76	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.	3.12	per cubic metre			
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	20.32	Cum.			

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.	12.00	Per Cubic metre.			
5	Providing weep holes in brick/ stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204.3.7 including carriage of material within all leads and lifts and other incidentals. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	10.00	Each			

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



## SCHEDULE OF QUANTITY

Estimated cost:- **496386.00**  
 Earnest money:- **9900.00**  
 Time:- **One Month**

**NAME OF WORK:** - Rectification of identified Black spot on Kashadhar Darkali road Km 0/000 to 22/700.

(SH:- Providing and Erecting "W" metal beam crash barrier at RD 14/140 to 14/170, 12/820 to 12/860 and 11/385 to 11/430).

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (In Word)	Amount
1	Earth work in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 metre, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto 3 metre depth. including and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	13.36	Per Cum.			
2	Providing concrete for plain/reinforced concrete in open foundation complete as per drawing & technical specification clause 802,803,1202 & 1203 PCC grade M-15 Nominal min (1:2.5:5) Hand Mixed) 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.	13.36	Per Cum.			
3	Providing and errecting "W" metal beam crash barrier comprising of 3mm. Thick corrugated sheet metal rail 70 centimeter above road/ ground level fixed on ISMC series channel vertical post 150X75X5mm spaced 2.00 mter centre to centre , 1.80 mter high 1.10 metre below ground/road level, all steel member and fittments to be galvanised by hot dip process. all fittings should confirm to IS: 1364 and metal beam rail to be fixed on the vertical post with a spacer of channel section 150X75X5mm, 330mm, long complete as per technical specification clause 810. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	115.00	Per Running metre.			


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

## SCHEDULE OF QUANTITY

Estimated cost:- **322170.00**  
 Earnest money:- **6400.00**  
 Time:- **One Month**

**NAME OF WORK:** - Rectification of identified Black spot on Kashadhar Darkali road Km 0/000 to 22/700.  
 (SH:- C/O W-Metal Beam Crash Barrier at Km 7/255 to 7/330).

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (In Word)	Amount
1	Earth work in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 metre, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto 3 metre depth. including and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	8.46	Per Cum.			
2	Providing concrete for plain/reinforced concrete in open foundation complete as per drawing & technical specification clause 802,803,1202 & 1203 PCC grade M-15 Nominal min (1:2.5:5) Hand Mixed) including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	8.46	Per Cum.			
3	Providing and errecting "W" metal beam crash barrier comprising of 3mm. Thick corrugated sheet metal rail 70 centimeter above road/ ground level fixed on ISMC series channel vertical post 150X75X5mm spaced 2.00 mter centre to centre , 1.80 mter high 1.10 metre below ground/road level, all steel member and fittments to be galvanised by hot dip process. all fittings should confirm to IS: 1364 and metal beam rail to be fixed on the vertical post with a spacer of channel section 150X75X5mm, 330mm, long complete as per technical specification clause 810. including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	75.00	Per Running metre.			

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



## SCHEDULE OF QUANTITY

Estimated cost :- **499402.00**  
 Earnest money :- **10000.00**  
 Time allowed:- **Two Months**

**Name of Work:-** Improvement of Panchayat recommended Blackspot on Keyao Koot Kinf road Km 0/000 to 13/500.  
 (SH:- Providing, Laying and Compacting G-III, Premix Carpet, Seal coat from Km 4/630 to 5/000).

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 <b>Grading - 3</b> 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.	62.78	Per Cubic metre			
2	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.	837.07	Per Square metre			
3	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.	837.07	Per Square metre			
4	20mm thick open-graded premix carpet using Bituminous (penetration grade/ modifies bitumen) binder Providing laying and rolling of open -graded premix carpet of 20mm thickness composed of 13.2mm 5.6mm using VG-10 bitumen to required line grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 80-100 kN static roller capacity finished to required level and grades to be followed by seal coat of either type B as per technical specification clause 508. Bitumen VG-10 will be provided by the department including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	837.07	Per Square metre			

5	Providing and laying seal coat sealing the voids in a bituminous surface laid to the specified levels grade and cross fall using Type A, Type B, Type C specification clause 510 Type-B Bitumen VG-10 will be provided by the department including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	837.07	Per Square metre			

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



## SCHEDULE OF QUANTITY

Estimated cost:- **460983.00**

Earnest money:- **9200.00**

Time:- **Two months**

**Name of Work :- C/O TJGNK Road km 0/00 to 52/000.**

**(SH:- C/O Wire Crate R/Wall at RD 44/060 to 44/076.80).**

Sr. No.	Description	Qty.	Unit	Rate in figure	Rate in words	Amount.
1	Excavation for structures:- Earth work in excavation for structure in all depth as per drawing and technical specification Clause 305-1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated suitable material. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out of rock( where blasting is prohibited) as directed by the Engineer-in-Charge.all useful material such as stone, shingle, aggregates& slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	141.12	Per Cubic meter			
2	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.	184.46	Per Cubic metre.			
3	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification clause 1204.3.8 with granular material. including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	12.10	Per Cubic metre.			
					<b>Total:-</b>	

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

## SCHEDULE OF QUANTITY

Estimated cost :- 499104.00  
 Earnest money :- 10000.00  
 Time allowed:- One Month

**Name of Work:-** C/O approach road from village Sanei to Shikari Kali Mata Mandir Km 0/000 to 3/500.  
 (SH:- Formation Cutting in Km 2/275 to 2/540).

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 253.43 cum. (two hundred fifty three point four three) @ 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.	2383.95	Per Cubic metre			

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



## SCHEDULE OF QUANTITY

Estimated Cost:- 267114.00  
Earnest Money:- 5300.00  
Time:- One Month

Name of Work:- R/R Damages on Mashnoo Taklech Road km 0/000 to 48/000 (Portion 38/000 to 48/000).  
(SH:- C/O PCC R/Wall at 39/820 to 39/835).

Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	Excavation in earthwork in hilly area all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification clause 1603.1 & 1603.2 to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal and dumping to be arranged by the contractor of unsuitable cut materials in specified manner , trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge for smooth riding. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	13.65	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.	13.05	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.	4.20	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.	47.25	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. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	9.90	Per Cubic metre.			
Total:-						

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



## SCHEDULE OF QUANTITY

Estimated Cost:- 440021.00  
Earnest Money:- 8800.00  
Time:- Two Months

Name of Work:-R/R Damages on Rai Bahli Lahru Kharela road km 0/000 to 16/565 (Portion Rain Bahli to Lahru).  
(SH:- C/O Wire Crate R/Wall and toe wall in PCC at RD 1/977 to 1/992).

Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	Excavation in earthwork in hilly area all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification clause 1603.1 & 1603.2 to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal and dumping to be arranged by the contractor of unsuitable cut materials in specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge for smooth riding. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	28.80	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.	14.40	Per Cubic meter			
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:4:8 (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.	43.20	Per Cubic meter			

4	Providing and laying boulder apron laid in wire crates made with G.I.wire conforming 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 of 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.	81.00	Per Cubic metre.			
5	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification clause 1204.3.8 with granular material. including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	20.70	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. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	30.00	Each			
Total:-						

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



## SCHEDULE OF QUANTITY

Estimated Cost:- 495623.00

Earnest Money:- 9900.00

Time:- Two Months

Name of Work:-R/R Damages on Rai Bahli Lahru Kharela road km 0/000 to 16/565 (Portion Rain Bahli to Lahru).

(SH:- C/O Wire Crate R/Wall and toe wall in PCC at RD 4/352 to 4/367).

Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	Excavation in earthwork in hilly area all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification clause 1603.1 & 1603.2 to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal and dumping to be arranged by the contractor of unsuitable cut materials in specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge for smooth riding. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	27.00	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.	16.20	Per Cubic meter			
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:4:8 (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.	61.92	Per Cubic meter			

4	Providing and laying boulder apron laid in wire crates mate with G.I.wire confirming to IS :280 & IS 4826 in 100mmx100mm mesh (weaved diagonally including 10% extra for laps and joints laid with stone boulder weighing not less than 25 kg each as per drawing and technical specifications Clause 1301 including the cost form work and hauling of materials through all modes of transportation within all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	64.80	Per Cubic metre.			
5	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification clause 1204.3.8 with granular material. including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	20.70	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. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	30.00	Each			
<b>Total:-</b>						

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



## SCHEDULE OF QUANTITY

Estimated Cost:- 360078.00  
 Earnest Money:- 7200.00  
 Time:- Two Months

Name of Work:-R/R Damages on Rai Bahli Lahru Kharela road km 0/000 to 16/565 (Portion Lahru to kharela).  
 (SH:- C/O Wire Crate R/Wall aat RD 1/490 to 1/525).


Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	Excavation in earthwork in hilly area all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification clause 1603.1 & 1603.2 to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal and dumping to be arranged by the contractor of unsuitable cut materials in specified manner , trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge for smooth riding. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	63.00	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.	25.20	Per Cubic meter			

## SCHEDULE OF QUANTITY

Estimated Cost:- 328597.00  
Earnest Money:- 6600.00  
Time:- Two Months

Name of Work:- A/R M/O Mashnoo Taklech Road km 0/000 to 48/000.(Portion km 12/000 to 38/00.)  
(SH:- C/O Wire Crate R/Wall at RD 24/830 to 24/845, 27/930 to 27/940, 29/565 to 29/570 & 29/580 to 29/585).

Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	<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.	58.65	Per Cubic meter			
2	Providing and laying of boulder apron laid in wire crates with 4mm dia G.I. wire conforming to IS: 4826 in 100mmx100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25Kg each as per drawing and technical specifications Clause 1301 including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	138.60	Per Cubic metre			
<b>Total:-</b>						

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



# SCHEDULE OF QUANTITY

Estimated Cost:- 294814.00  
Earnest Money:- 5900.00  
Time:- Two Months

Name of Work:- A/R M/O Mashnoo Taklech Road km 0/000 to 48/000.(Portion km 12/000 to 38/00.)  
(SH:- C/O Wire Crate R/Wall at RD 34/030 to 34/040 & 36/285 to 36/295).

Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	<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.	45.20	Per Cubic meter			
2	Providing and laying of boulder apron laid in wire crates with 4mm dia G.I. wire conforming to IS: 4826 in 100mmx100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25Kg each as per drawing and technical specifications Clause 1301 including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	115.20	Per Cubic metre			
3	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification clause 1204.3.8 with granular material. including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	21.00	Per Cubic metre.			
<b>Total:-</b>						

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

# SCHEDULE OF QUANTITY

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

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

Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	<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.	28.60	Per Cubic meter			
2	Providing and laying of boulder apron laid in wire crates with 4mm dia G.I. wire conforming to IS: 4826 in 100mmx100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25Kg each as per drawing and technical specifications Clause 1301 including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	64.80	Per Cubic metre			
3	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification clause 1204.3.8 with granular material. including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	13.20	Per Cubic metre.			
Total:-						

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



## SCHEDULE OF QUANTITY

Estimated cost :- 116490.00  
 Earnest money :- 2300.00  
 Time allowed:- One Month

**Name of Work:-** A/R & M/O link road to village Deothi 12/20 km 0/00 to 0/720.  
 (SH:- C/O cross drainage work at RD 0/190, 0/600).

Sr. No.	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount
1	<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.	65.65	per cubic metre			
2	Providing and laying in position cement concrete mixed and vibrated P.C.C. M-10 nominal mix 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.	7.06	Cum.			
3	Providing and laying in position cement concrete mixed and vibrated P.C.C. M-10 nominal mix 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 40 mm nominal size)including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	9.14	Per Cubic metre.			
4	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			
5	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.	14.08	Per Cubic metre.			

6	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.	0.98	Per Cubic metre			

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



## SCHEDULE OF QUANTITY

Estimated cost:- **492674.00**  
 Earnest money:- 9900.00  
 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 at RD 19/230 to 19/240 & 19/465 to 19/493).**

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.	52.59	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.	43.08	per cubic metre			
3	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.	194.40	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 Engineer-in-Charge.	29.76	Per Cubic metre.			

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



## SCHEDULE OF QUANTITY

Estimated Cost:- 417982.00  
 Earnest Money:- 8400.00  
 Time:- Two Months

Name of Work:- R/R Damages on Kashadhar Darkali Road km 0/000 to 22/700.  
 (SH:- C/O R/R masonry R/Wall with C.C Toe wall at km 17/070 to 17/080).

Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	Excavation in earthwork in hilly area all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification clause 1603.1 & 1603.2 to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal and dumping to be arranged by the contractor of unsuitable cut materials in specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge for smooth riding. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	17.10	Per Cubic metre			
2	Excavation for structures:- Earth work in excavation for structure in all depth as per drawing and technical specification Clause 305-1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated suitable material. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out of rock( where blasting is prohibited) as directed by the Engineer-in-Charge.all useful material such as stone, shingle, aggregates& slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	23.40	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.	7.32	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.	22.35	Per Cubic metre.			
5	Random rubble stone masonry in cement mortar 1:5(1cement:5sand) for in foundation & super-structure complete like Retaining wall, breast walls, wing walls and similar works etc. in all heights complete as per drawing and technical specification for rural roads under Clauses 702, 704, 1202 & 1203 including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	34.07	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.	27.12	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.	18.00	Per Cubic metre.			
		Total:-				

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



## SCHEDULE OF QUANTITY

Estimated Cost:- 418829.00  
Earnest Money:- 8400.00  
Time:- Two Months

Name of Work:- R/R Damages on Kashadhar Darkali Road km 0/000 to 22/700.  
(SH:- C/O R/R masonry R/Wall with C.C Toe wall at km 17/060 to 17/070).

Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	Excavation in earthwork in hilly area all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification clause 1603.1 & 1603.2 to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal and dumping to be arranged by the contractor of unsuitable cut materials in specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge for smooth riding. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	16.20	Per Cubic metre			
2	Excavation for structures:- Earth work in excavation for structure in all depth as per drawing and technical specification Clause 305-1 including setting out, construction of shoring and 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.	21.60	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.	7.32	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.	22.35	Per Cubic metre.			
5	Random rubble stone masonry in cement mortar 1:5 (1 cement:5 sand) for in foundation & super-structure complete like Retaining wall, breast walls, wing walls and similar works etc. in all heights complete as per drawing and technical specification for rural roads under Clauses 702, 704, 1202 & 1203 including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	34.07	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.	27.12	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	19.20	Per Cubic metre.			
Total:-						

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



## SCHEDULE OF QUANTITY

Estimated cost:- **366442.00**  
 Earnest money:- 7300.00  
 Time:- Two Months

**NAME OF WORK:** -R/R Damage on Rai Bahli Lahru Kharela road Km 0/000 to 10/565. (Portion Rai Bahli to Lahru).  
**(SH:-C/O Wire Crate R/Wall and Toe Wall in PCC T RD 0/145 to 0/155).**

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.	22.20	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.	10.80	per cubic metre			
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm nominal size)including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	43.20	Cum.			

4	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.	54.00	Per Cubic metre			
5	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification clause 1204.3.8 with granular material including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	15.60	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. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	18.00	Each			

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



## SCHEDULE OF QUANTITY

Estimated cost:- **366442.00**  
 Earnest money:- **7300.00**  
 Time:- **Two Months**

**NAME OF WORK:** -R/R Damage on Rai Bahli Lahru Kharela road Km 0/000 to 10/565. (Portion Rai Bahli to Lahru).  
**(SH:-C/O Wire Crate R/Wall and Toe Wall in PCC T RD 0/155 to 0/165).**

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.	22.20	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.	10.80	per cubic metre			
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm nominal size)including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	43.20	Cum.			

4	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.	54.00	Per Cubic metre			
5	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification clause 1204.3.8 with granular material including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	15.60	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. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	18.00	Each			

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



## SCHEDULE OF QUANTITY

Estimated cost :- **435609.00**  
 Earnest money :- **8700.00**  
 Time allowed:- **Two Months**

**Name of Work:- A/R & M/O Mashnoo Taklech road Km 0/000 to 48/000. (Portion Km 12/000 to 38/000).**  
 (SH:- Repair of RCC Slab Culvert at RD 24/270).

Sr. No.	Description	Qty.	Unit	Rate In figure)	Rate (In Word)	Amount
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	21.33	Per Cubic metre.			
2	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo-Mechanically Treated bars of grade Fe-500D or more including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	2518	Per Kg			
3	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, including the cost of centering, shuttering and finishing: 1:1½:3 (1 cement : 1½ 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.	31.67	Per Cubic metre.			

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

## SCHEDULE OF QUANTITY

Estimated Cost:- 121536.00  
Earnest Money:- 2400.00  
Time:- One Month

Name of Work:- C/O CHC Building at Nankhari Distt. Shimla HP..

(SH:- P/L Kharanja stone soling and PCC flooring in Parking of Type-III Quarters and other civil works ).

Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the requested gradient and camber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD. specification. 150mm spread thickness (finished work including materials and labour) including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	17.81	Per Cubic metre			
2	52 mm thick cement concrete flooring with concrete hardner topping, under layer 40 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and top layer 12mm thick cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 graded stone aggregate 6 mm nominal size) by volume hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacturer's specifications. This includes cost of cement slurry, but excluding the cost of noising of steps etc. complete. Including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	118.74	Per Square metre			
3	Half brick masonry in common burnt clay building bricks in Cement Mortar 1:4 (1 cement:4 sand) Second Class Bricks including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	19.60	Per Square metre			
4	Providing corrugated G.S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolt and nuts 8mm diameter with bitumen and G.I. limpet washer or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal /vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required (1.00 mm Thick with zinc coating not less than 275 per square meter Including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	8.32	Per Square metre			
<b>Total:-</b>						

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



## SCHEDULE OF QUANTITY

Estimated Cost:- 494317.00  
Earnest Money:- 9900.00  
Time:- Two Months

Name of Work:- C/O Gahan Majhdharti road km 0/000 to 8/500.

(SH:- C/O B/Wall in Wire Crate at RD 1/745 to 1/777, 1/793 to 1/809 & 1/870 to 1/891).

Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	Excavation in earthwork in hilly area all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification clause 1603.1 & 1603.2 to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal and dumping to be arranged by the contractor of unsuitable cut materials in specified manner , trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge for smooth riding. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	94.53	Per Cubic metre			
2	Excavation for structures:- Earth work in excavation for structure in all depth as per drawing and technical specification Clause 305-1 including setting out, construction of shoring and bracing , removal of stumps and other deleterious material and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated suitable material . All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out of rock( where blasting is prohibited) as directed by the Engineer-in-Charge.all useful material such as stone, shingle, aggregates& slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	91.81	Per Cubic meter			

3	Providing and laying boulder apron laid in wire crates made with G.I. wire conforming to IS :280 & IS 4826 in 100mmx100mm mesh (woven diagonally including 10% extra for laps and joints laid with stone boulder weighing not less than 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.	202.86	Per Cubic metre.			
				Total:-		

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



## SCHEDULE OF QUANTITY

Estimated Cost:- 138926.00  
Earnest Money:- 2800.00  
Time:- One Month

Name of Work:- C/O Gahan Majdharti road km 0/000 to 8/500.  
(SH:- C/O Wire Crate B/Wall at RD 6/195 to 6/215).

Sr. No	Description of items	Quantity	Unit	Rate (In figure)	Rate (In Word)	Amount
1	Excavation in earthwork in hilly area all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification clause 1603.1 & 1603.2 to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal and dumping to be arranged by the contractor of unsuitable cut materials in specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge for smooth riding. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	36.60	Per Cubic metre			
2	Excavation for structures:- Earth work in excavation for structure in all depth as per drawing and technical specification Clause 305-1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated suitable material. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out of rock( where blasting is prohibited) as directed by the Engineer-in-Charge.all useful material such as stone, shingle, aggregates& slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	10.20	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.	57.60	Per Cubic metre.			
Total:-						

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



## SCHEDULE OF QUANTITY

Estimated Cost:- 307079.00

Earnest Money:- 6100.00

Time:- Two Months

Name of Work:- C/O Gahan Majhdharti road km 0/000 to 8/500.

(SH:- C/O Wire Crate R/Wall at RD 1/747 to 1/775).

Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	Excavation in earthwork in hilly area all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification clause 1603.1 & 1603.2 to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal and dumping to be arranged by the contractor of unsuitable cut materials in specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge for smooth riding. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	21.06	Per Cubic metre			
2	Excavation for structures:- Earth work in excavation for structure in all depth as per drawing and technical specification Clause 305-1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated suitable material. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out of rock( where blasting is prohibited) as directed by the Engineer-in-Charge.all useful material such as stone, shingle, aggregates& slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	30.78	Per Cubic meter			
3	Providing and laying boulder apron laid in wire crates made with G.I.wire conforming to IS :280 & IS 4826 in 100mmx100mm mesh (waved 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.	116.64	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.	29.16	Per Cubic metre.			
						Total:-

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



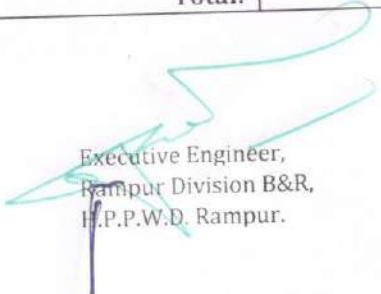
## SCHEDULE OF QUANTITY

Estimated Cost:- 224709.00  
Earnest Money:- 4500.00  
Time:- One Month

Name of Work:- Construction of R/Wall in Jeori Nawaroo Bonda road in Tehsil Rampur Shimla (H.P.).Under SCSP Scheme.  
(SH:- C/O R/Wall in Wire Crate between RD 0/270 to 0/285 ).

Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	Excavation in earthwork in hilly area all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification clause 1603.1 & 1603.2 to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal and dumping to be arranged by the contractor of unsuitable cut materials in specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge for smooth riding. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	32.40	Per Cubic metre			
2	Excavation for structures:- Earth work in excavation for structure in all depth as per drawing and technical specification Clause 305-1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated suitable material. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out of rock( where blasting is prohibited) as directed by the Engineer-in-Charge.all useful material such as stone, shingle, aggregates& slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	14.40	Per Cubic 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.	89.86	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	10.80	Per Cubic metre.			
Total:-						

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



## SCHEDULE OF QUANTITY

Estimated Cost:- 300021.00  
Earnest Money:- 6000.00  
Time:- One Month

Name of Work:-C/O Peyojan to Baghi Ghati Road km 0/000 to 6/000.

(SH:- Providing and laying Kharanja stone soling in km 0/300 to 0/520 & removal of slips and land slides in between 0/000 to 1/000).

Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	Consolidation of sub grade with road roller including making good the undulation etc.with earth or quarry soil etc. and rerolling the sub-grade completed as per HP.PWD. Specifications including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	600.00	Per Square metre			
2	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the requested gradient and camber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD. specification. 100mm spread thickness (finished workincluding materials and labour) including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of Engineer-in-Charge.	99.00	Per Cubic metre.			
3	Removal of slips in all heights and depths in all kind of soils such as pick work, jumper work, soft and hard rock including blasting( if required) and disposal of unserviceable materials/debries upto identified dumping site by mechanical transport in all leads and lifts including stacking of serviceable materials on road side and neatly dressed the road surface as per direction of the Engineer-in-Charge.In case any of damage to Govt./private property took place, the contractor is liable for it and cost for repair/restoration will be born/duly compensated by the contractor.	691.06	Per Cubic metre.			
<b>Total:-</b>						

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

## SCHEDULE OF QUANTITY

Estimated cost:-	<b>280809.00</b>
Earnest money:-	5600.00
Time:-	Two Months

**ame of Work :-** Construction of Approach road to Chatti Bridge Km 0/000 to 0/060.

**SH:-** Metalling and Tarring of road Km 0/000 to 0/057).

Gr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount.
1	Loosening and leveling the ground up to a level of 300 mm below the sub grade level, watered, graded and compacted in layers to meet requirements of Tanles 300.1 for sub grade construction as per technical specification clause 303.5.2 and disposal of material within all leads and lifts and as per technical specification clause 301.4 as per the entire satisfaction and direction of Engineer-in-Charge including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	39.73	Per Cubic metre			
2	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 1 as per Technical Specification Clause 404 including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	20.03	Per Cubic metre			
3	Providing and laying, spreading and compacting stone aggregate of size 63mm to 45mm ( sixty three millimeter to forty five millimeter) <b>Grading-II</b> 75mm (seventy five millimeter) consolidated thick to water bound macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100KN static roller in stages to proper grade and camber applying and booming, stone screening of size 13.2mm ( thirteen point two millimeter) nominal size at the rate of 0.27cum ( zero point two seven cubic meter) per ten square meters and binding material at the rate of 0.08 cum ( zero point zero eight cubic meter) to fill up the interstices of course aggregate, watering and compacting to the required density of course aggregate, watering and grade-II as per technical specification and date book clause 405 and as per direction of Engineer-in-Charge including entire 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.	11.92	Per Cubic metre			



4	Providing and laying, spreading and compacting stone aggregate of size 22.50mm to 45mm ( sixty three millimeter to forty five millimeter) <b>Grading-III</b> 75mm (seventy five millimeter) consolidated thick to water bound macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100KN static roller in stages to proper grade and camber applying and booming, stone screening of size 13.2mm ( thirteen point two millimeter) nominal size at the rate of 0.27cum ( zero point two seven cubic meter) per ten square meters and binding material at the rate of 0.08 cum ( zero point zero eight cubic meter) to fill up the interstices of course aggregate, watering and compacting to the required density of course aggregate, watering and grade-III as per technical specification and date book clause 405 and as per direction of Engineer-in-Charge including entire 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.	11.92	Per Cubic metre			
5	Providing and applying primer coat with Bitumen emulsion (SS-I) on prepared surface of granular base including cleaning of road and spraying primer at the rate of 1.00 kg/sqm using mechanical means as per technical specification clause 502 including haulaging of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-Charge. (Emulsion issued by the department ) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	158.90	Per Square Metre			
6	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rates of 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, lifts as per the entire satisfaction and direction of Engineer-in-charge. (Emulsion issued by the department ) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	829.40	Per Square Metre			
7	Providing and laying bituminous macadam with hot mix plant using aggregates of grading as per table 500.4 premixed with bituminous binder, VG-10 transported to site within all lead laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled to achieve the desired compaction as per Technical Specification Clause 504 including hauling of material in all leads, lifts as per entire satisfaction and direction of Engineer-in-Charge. (Nothing extra shall be paid for higher content of bitumen required as per job mix formula).(Bitumen issued by the department ) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	20.74	Per Cubic metre			

8	Providing and laying bituminous concrete with 100-120 TPH batch type hot mix plant producing an average output of 75 tones per hour using crushed aggregates of specified grading, premixed with bituminous (VG-10) binder @ 5 percent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 509 including hauling of material in all leads, lifts as per entire satisfaction and direction of Engineer-in-Charge. (Nothing extra shall be paid for higher content of bitumen required as per job mix formula). (Bitumen issued by the department ) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	12.44	Per Cubic metre			

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



## SCHEDULE OF QUANTITY

Estimated Cost:- 146239.00  
Earnest Money:- 2900.00  
Time:- One Month

Name of Work:- C/O Racholi Lalsa road km 0/000 to 14/000.  
(SH:- C/O R/Wall at km 9/360 to 9/375 ).

Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	Excavation in earthwork in hilly area all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification clause 1603.1 & 1603.2 to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal and dumping to be arranged by the contractor of unsuitable cut materials in specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge for smooth riding. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	16.93	Per Cubic metre			
2	Excavation for structures:- Earth work in excavation for structure in all depth as per drawing and technical specification Clause 305-1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated suitable material. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out of rock( where blasting is prohibited) as directed by the Engineer-in-Charge.all useful material such as stone, shingle, aggregates& slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	7.42	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.	7.42	Per Cubic metre			

4	Random rubble stone masonry in cement mortar 1:6(1cement:6sand) for in foundation & super-structure complete like Retaining wall, breast walls, wing walls and similar works etc. in all heights complete as per drawing and technical specification for rural roads under Clauses 702, 704, 1202 & 1203 including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	20.25	Per Cubic metre			
5	Providing weep holes in brick/ stone / plain reinforced concrete abutment, wing wall, return walls with 100 mm dia PVC pipe extending through the full width of the structure with slope of 1V : 20H towards drawing face complete as per drawing and technical specifications clauses 614, 709 and 1204.3.7 including carriage of material within all leads and lifts and other incidentals. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	45.00	Each			
6	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification clause 1204.3.8 with granular material. including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	9.00	Per Cubic metre.			
Total:-						

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



## SCHEDULE OF QUANTITY

Estimated cost:-	<b>171707.00</b>
Earnest money:-	3400.00
Time:-	One Month

**NAME OF WORK:** - R/R Damages on Kashadhar Darkali Road Km 0/000 to 22/700  
**(SH:-C/O Wire Crate R/WALL at RD 15/940 to 15/960).**

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.	15.60	Per Cubic metre.			
2	Earth work in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads , dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth. as directed by the Engineer-in-Charge.all useful material such as stone, shingle, aggregates& slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases.	10.40	per cubic metre			
3	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.	67.50	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 Engineer-in-Charge.	12.00	Per Cubic metre.			

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



## SCHEDULE OF QUANTITY

Estimated cost:- **495765.00**  
 Earnest money:- **9900.00**  
 Time:- **Two Months**

**NAME OF WORK:** - Construction of Gahan Majhdharti road Km 0/000 to 8/500.  
**(SH:-C/O Wire Crate R/WALL at RD 4/430 to 4/465).**

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.	65.80	Per Cubic metre.			
2	Earth work in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads , dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth. as directed by the Engineer-in-Charge.all useful material such as stone, shingle, aggregates& slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absoulte responsibility of the contractor which shall have to be duly compensated by him in all cases:	26.25	per cubic metre			
3	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.	210.00	Per Cubic metre			

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

# SCHEDULE OF QUANTITY

Estimated cost:- 145513.00  
 Earnest money:- 2900.00  
 Time:- One Month

**NAME OF WORK:** -Construction of Gahan Majhdharti road Km 0/000 to 8/500.  
 (SH:-C/O Wire Crate R/WALL at RD 5/000 to 5/010).

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.	18.00	Per Cubic metre.			
2	Earth work in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads, dressing of sides and bottom and back filling in trenches with excavated suitable material in ordinary soil upto all depth. as directed by the Engineer-in-Charge. all useful material such as stone, shingle, aggregates & slate etc. shall be sorted out and stacked along the road side properly. Any loss to the public and private property to during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	10.80	per cubic metre			
3	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.	57.60	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 Engineer-in-Charge.	8.40	Per Cubic metre.			

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



## SCHEDULE OF QUANTITY

Estimated cost:-  
Earnest money:-  
Time:-

**264877.00**  
**5300.00**  
**One Month**

**Name of Work :-** A/R & M/O Rampur Gaura Mashnoo Jeori road Km 0/000 to 61/000 in Tehsil Rampur Distt. Shimla.  
(SH:- C/o R/Wall in R R Masonary at various RDs 54/385 to 54/400).

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount.
1	Earth work in excavation in all kinds of soil by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains All kinds of soil (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, in all lifts including getting out the excavated soil and disposal of surplus excavated soil as directed, within all leads including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	36.47	Per Cubic metre.			
2	Providing and laying cement concrete 1:5:10 (1 cement : 5 sand : 10 agregate stone 40mm nominal size) including the cost of form work for plain/ reinforced concrete in retaining walls, breast walls, the size of plum should be 150 to 300 mm. as per drawing and H.P.P.W.D. technical specifications. including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	12.78	Per Cubic metre			
3	Random rubble stone masonry in cement mortar 1:6(1cement:6sand) for in foundation & super-structure complete like Retaining wall, breast walls, wing walls and similar works etc. in all heights complete as per drawing and technical specification for rural roads under Clauses 702, 704, 1202 & 1203 including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	4.79	Per Cubic metre			
4	Providing and laying cement concrete 1:4:8 (1 cement : 4 sand :8 Graded stone aggregate 40mm nominal size) and curing complete excluding cost of form work in foundation and plinth in breast and retaining walls etc. including carriage of material within all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	25.57	Per Cubic metre			
5	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.	2.68	Per Cubic metre			
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.	42.48	Per Cubic metre.			

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

## SCHEDULE OF QUANTITY

Estimated cost:-	110345.00
Earnest money:-	2200.00
Time:-	One months

**Name of Work:-A/R & M/O Residential accomodation of (type-II) Qtr. P-93 at Rampur.**  
**(SH:-Painting, Distempering and Other Repair Works etc.).**

S.No	Description	Qty.	Unit	Rate (In figure)	Rate (In Word)	Amount.
1	Distempering (two coats) with oil bound washable ditemper of approved brand and manufacture of and of required shade of undecorated wall surfaces to give an even shade over and including a priming coat with Alkali-resistance primer of approved brand and manufacture after thoroughly brushing the surface free from mortar dropping and other foreign matter and also including preparing the surface even and sand papered smooth including carriage of material within all leads and lifts and as per HP.PWD., specification of 1990 volume-I and as per direction of <u>Engineer-in-Charge</u> .	244.61	Per Square metre			
2	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete. including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of <u>Engineer-in-Charge</u> .	146.76	Per Square metre			
3	Applying priming coat:-With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) sqm 38.95 including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	57.44	Per Square metre			
4	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 per	57.44	Per Square metre			



5	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	18.60	Per Kilogram			
6	Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screw etc. complete :57x37x1.50 mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	2.00	Each			
7	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	10.54	Per Cubic metre.			
						Total:-

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

## SCHEDULE OF QUANTITY

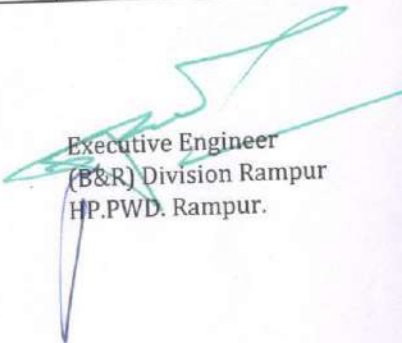
Estimated cost :- 320202.00  
 Earnest money :- 6400.00  
 Time allowed:- Two Months

**Name of Work:-** R/R Damages on Kumsu Kamlahoo Kareri road km 0/000 to 12/000.  
 (SH:- Construction of Retaining Wall at RD 8/785 to 8/792).

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.	32.13	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.	23.69	per cubic metre			
3	Providing and laying cement concrete 1:6:12 (1 cement:6 sand : 12 graded stone 40mm agregate nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803, 1202 and 1203.including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	2.80	Per Cubic metre			



4	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 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.	3.57	Per Cubic metre			
5	Stone masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 with random rubble masonry in cement mortar 1:6 (1 cement :6 sand) . including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	43.54	Per Cubic metre .			
5	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.	37.59	Per Cubic metre			
6	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification clause 1204.3.8 with granular material including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	10.08	Per Cubic metre.			

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

## SCHEDULE OF QUANTITY

Estimated cost :- **128694.00**  
 Earnest money :- **2600.00**  
 Time allowed:- **One Month**

**Name of Work:- R/R Damages on Rohru Sungri Bahli Taklech Nogli road Km 27/000 to 80/000.**

**(SH:-C/O PCC R/Wall at RD 40/490 to 40/502).**

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.	5.00	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.	8.64	per cubic metre			



3	Providing and laying cement concrete 1:6:12 (1 cement:6 sand : 12 graded stone 40mm aggregate nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803, 1202 and 1203.including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	2.88	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 : 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	24.84	Per Cubic meter			

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

## SCHEDULE OF QUANTITY

Estimated Cost:- 497250.00

Earnest Money:- 10000.00

Time:- Two Months

**Name of Work:-** Peridical Renewal on various roads uner Rampur Division for the year 2022-23..

(SH:- Providing and laying hot applied thermoplastic compound 2.5mm thick line in Jeori Ganvi road at RD 3/000 to 4/000, 4/000 to 5/000, 5/000 to 6/000, 6/000 to 7/000 and 7/000 to 8/000, Ganvi to Labana Sadana Road at RD 1/000 to 2/000 and Nirath Punnan Baghi Road at RD 0/000 to 1/000 ).

Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	Providing and laying hot applied thermoplastic compound 2.5mm thick line including reflecting glass leads @ 250 gms per area thickness 2.5 mm is exclusive of surface applied glass beads as per IRC 35 the finished surface to be level, uniform and free streaks and holes i/c carriage upto all leads and lifts as per direction of Engineer-in-charge	765.00	Per square metre			
Total:-						

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



## SCHEDULE OF QUANTITY

Estimated cost :- 499999.00  
Earnest money :- 10000.00  
Time allowed:- Two Months

**Name of Work:-** A/R & M/O Jeori Ganvi Fancha road. (SH: - Providing and fixing installation of Gantry Board).

Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	Providing and fixing of informatory plate both side of retro refelectorised plate of ACP sheet of 4mm thickness of 5mm supported with M.S Angle of 35 x 35x 6mm including carriage of material with in all leads lifts complete and entire satisfaction of Engineer-in-charge including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	9.00	Per Sqm.			
2	Providing and fixing of over head M.S Tube structure of 5.6 meters span made of 35 NB of 6m clear height from ground with top truss of 5NB of 1.5 mtr. Height truss fixed with 2 No. plate of 1025x1025x12 mm at bottom and 2 Nos plate of 900x900x10 mm fixed with nut and bolt as per standard design and drawing complete in all respect with in all leads lifts complete and entire satisfaction of Engineer-in-charge including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	2.00	Each			
3	Provision for Excavation in earth work and Providing and laying reinforcement cement concrete 1:2:4 (1 cement :2sand:4 graded stone aggregate 20mm.nomial size) including cost of foundation bolts and 10mm thick M.S Sheet complete in all respect as per direction and entire satisfaction of engineer - in- charge including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1.00	Job			
4	Crane charge for installation of gantry board including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	2.00	Each			

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

## SCHEDULE OF QUANTITY

Estimated cost:- **161183.00**  
 Earnest money:- **3200.00**  
 Time:- **One Month**

**Name of Work :-** A/R & M/O Residential Accomodation of Type-I Qtr. No. 57 at Pipty.  
**(SH:-** P/L Kota Stone Flooring on roof & Painting, Distempering, Plastering in Patches etc.).

Sr. No.	Description	Qty.	Unit	Rate (in figure)	Rate (in words)	Amount.
1	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) and including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	106.97	Per Square metre			
2	Repair to plaster of thickness 12mm to 20 mm in 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-Charg including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1.41	Per Square metre			
3	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	28.88	Per Square metre			
4	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	28.88	Per Square metre			
5	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thinnable priming coat with cement primer including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	102.90	Per Square metre			

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



## SCHEDULE OF QUANTITY

Estimated Cost:- 168339.00  
Earnest Money:- 3400.00  
Time:- One Month

Name of Work:- C/O Mahatma Gandhi Govt. Engg. College Kotla (Jeori) in Tehsil Rampur Distt. Shimla.  
(SH:- C/O Septic Tank & Repair of Guest house ).

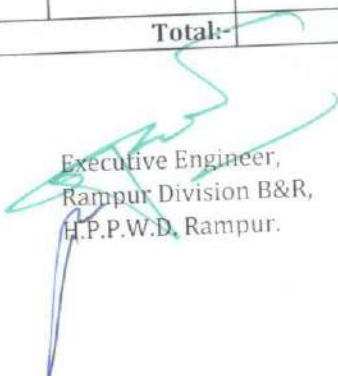
Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	Providing and fixing PTMT angle stop cock 15 mm nominal bore, weighing not less than 85 gms including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	7.00	Each			
2	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms 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.	4.00	Each			
3	Welded steel wire fabric fencing with posts of specified material and of standard design placed and embedded in cement concrete blocks 45x45x 60 cm of mix 1:5:10 (1 cement:5 fine sand : 10 graded stone aggregate 40 mm nominal size), every 15th post, last but one end post and corner post shall be struted on both sides and end post on one side only and struts embedded in cement concrete blocks 70x45x50 cm of the same mix, provided with welded steel wire fabric fixed between the posts fitted and fixed with G.I. staples on wooden plugs or tied to 6 mm bar nibs with G.I. binding wire (cost of posts, welded steel wire fabric, painting, earth work in excavation and concrete to be paid for separately). 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.	43.56	Per Square metre			
4	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound ) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour. 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.	677.25	Per Square metre			

5	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in Cement mortar 1:3 (1 cement : 3 coarse sand) including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	30.90	Per Square metre			
6	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand) including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	0.63	Per Cubic metre			
7	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size) including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	1.28	Per Cubic metre			
8	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including getting out the excavated soil as directed, within a lead of 50 m. including hauling of material in all leads and lifts as per entire satisfaction and direction of the Engineer-in-charge	8.51	Per Cubic metre			
9	Providing form work with 3.15mm.thick M.S.plates: In a vertical surfaces such as in walls etc.complete.. including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	9.12	Per Cubic metre			
10	Providing and laying cement Concrete 1:3:6 graded stone aggregate 20 mm nominal size and curing complete excluding cost of form workin: including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	1.00	Per Cubic metre			



11	Providing and laying cement concrete 1:2:4 (1 cement:2 Sand:4 graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	0.25	Per Cubic metre			
12	Providing and laying cement concrete 1:1.5:3 (1cement :1.5 sand :3 graded stone aggregate 20mm. nominal size) and curing complete excluding cost of form work , and reinforcement for reinforced concrete work including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	0.64	Per Cubic metre			
13	Structural steel work in single section, fixed with or without connecting plate,including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	96.03	Per Kilogram			
14	Brick work using common burnt clay building bricks in foundation and plinth in Cement Mortar1:4 (1 Cement : 4Sand) Frist Class Bricks including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	5.18	Per Cubic metre			
15	15 mm thick Cement plaster in single coat on fair said of brick/concrete/stone walls for interior plastering upto floor two level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in grith and finished even and smooth. (1:4 cement Mortar) including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	23.98	Per Square metre			
16	Dry stone pitching 22.5 cm thick including supply of stones and preparing surface complete. including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	1.01	Per Cubic metre			
17	Filling in plinth with sand under floor including watering, ramming and consolidating and dressing complete. including carriage with in all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-charge.	0.75	Per Cubic metre			
18	Applying priming coat :- With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works 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.	20.92	Per Square metre			

19	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete. including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	25.01	Per Square metre			
20	Providing and fixing 15 cm wide, 45 cm overall semicircular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc., including making necessary connections with rain water pipes complete. including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	38.55	Running metre			
						<b>Total:</b>

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



## SCHEDULE OF QUANTITY

Estimated Cost:- 481173.00  
Earnest Money:- 9600.00  
Time:- One Month

Name of Work:- C/O Mahatma Gandhi Govt. Engg. College Kotla (Jeori) in Tehsil Rampur Distt. Shimla.  
(SH:- Repair and Rennovation of C & B block & Repair of Club House).

Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	Providing blackout curtain best for every interior living room/ Bedroom/Drawing room/Door curtain/window curtain 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.	15.00	Per Square metre			
2	Providing and laying matt finished Printed PVC flooring sheet of thickness 1 to 2mm approved make in all colours and shades in in door floors 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.	317.86	Per Square metre			
3	Applying priming coat :- With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works 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.	20.92	Per Square metre			
4	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	10.58	Per Square metre			
5	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	2.00	Each			

6	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required:- White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	2.00	Each			
7	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : 510x1040 mm bowl depth 225 including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	2.00	Each			
8	Providing and fixing controlled flush, low level cistern made of vitreous china with all fittings complete 10 litre (full flush) capacity-coloured 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.	4.00	Each			
9	Providing and fixing G.I. inlet connection for flush pipe connecting with W.C. pan. including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	35.00	Each			
10	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 32 mm dia including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	8.00	Each			
11	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing : Oval shape 450x350 mm (outer dimensions) 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.	8.00	Each			
12	Providing and fixing plain bend of required degree. 100 mm dia including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	4.00	Each			




13	Providing and fixing brass stop cock of approved quality including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	2.00	Each			
14	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete:- 20mm nominal bore including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	6.00	Each			
15	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with : 5.5 mm thick glass pane including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	5.01	Per Square metre			
16	Providing and fixing 10 mm thick acid and/or alkali resistant tiles of approved make and colour using acid and/or alkali resisting mortar bedding, and joints filled with acid and/or alkali resisting cement as per IS : 4457, complete as per the direction of Engineer-in- Charge In flooring on a bed of 10 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand) Acid and alkali resistant tile including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	0.36	Per Square metre			
17	Providing and fixing 10 mm thick acid and/or alkali resistant tiles of approved make and colour using acid and/or alkali resisting mortar bedding, and joints filled with acid and/or alkali resisting cement as per IS : 4457, complete as per the direction of Engineer-in- Charge In flooring on a bed of 10 mm thick mortar In dado/skirting on 12 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand) including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-	13.03	Per Square metre			
18	Providing and fixing 15 cm wide, 45 cm overall semicircular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc., including making necessary connections with rain water pipes complete. including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	38.55	Running metre			
19	Providing and fixing 25 mm thick shutters for cup board etc. : Superior class teak wood including nickel plated bright finished M.S. piano hinges with necessary screws. including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	41.40	Per Square metre			

20	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size) including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	9.12	Per Cubic metre			
21	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 Hot finished welded type tubes	353.53	Per Kilogram			
22	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour 450 mm long towel rail with total length of 495 mm, 78 mm wide and effective height of 88 mm, weighing not less than 170 gms 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.	7.00	Each			
23	Providing and fixing plain bend of required degree. Sand cast iron S&S as per IS : 3989 including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	15.00	Each			
24	providing and fixing water closet squatting pan (Indiansign to Sand Cast iron/cast iron (spun) pipe embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including cost of cutting holes and making good the walls etc. : For 100 mm dia pipe including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	2.00	Each			
25	Providing and fixing soil, waste and vent pipes : 100 mm dia Sand cast iron S&S pipe as per IS: 1729 including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	5.00	Each			



26	Providing and fixing 600x450 mm beveled edged mirror glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	8.00	Each			
27	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 32 mm dia including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	12.00	Each			
28	Providing and fixing G.I. inlet connection for flush pipe connecting with W.C. pan. 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.	8.00	Each			
29	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	6.00	Each			
30	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc 15 mm dia 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.	12.00	Each			
31	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall 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.	4.00	Each			
32	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 25 mm including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	4.00	Each			
33	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	4.00	Each			

34	Providing and fixing brass ferrule with C.I. mouth cover including boring and tapping the main : 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.	4.00	Each			
35	Providing and fixing uplasticised PVC connection pipe with brass unions : 45 cm in length 20 mm nominal bore including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	9.00	Each			
36	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) : 15 mm nominal bore including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	6.00	Each			
37	Providing and fixing PTMT grating of approved quality and colour :- 150 mm nominal size square 100 mm diameter of the inner hinged round grating including carriage of material within all leads and lifts and as per HP.PWD., specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	5.00	Each			
Total:-						

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



## SCHEDULE OF QUANTITY

**Name of Work:- R/R Damages on Rohru Sungri Bahli Taklech Nogli road Km 27/000 to 80/000.**  
(SH:-Providing and laying Kharanja stone soling in Km 27/000 to 30/000).

Estimated cost :-

**176852.00**

Earnest money :-

3500.00

Time allowed:-

One Month

Sr. No	Description of items	Quantity	Unit	Rate ( In figure)	Rate (In Word)	Amount
1	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earthwith lead upto 50 metres including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	98.80	Per Square Metre.			
2	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the requested gradient and camber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD. specification. 150mm spread thickness (finished workincluding materials and labour) including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	98.80	Per Cubic metre.			

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



## SCHEDULE OF QUANTITY

Estimated Cost:- 213538.00  
Earnest Money:- 4300.00  
Time:- One Month

**Name of Work:-** Action Taken for self inspected black spot on Khanog Sholi road km 0/000 to 4/500.

(SH:-Providing and erecting "w" metal beam at RD 4/150 to 4/190).

Sr. No	Description	Qty.	Unit	Rate( In figure)	Rate In Words	Amount
1.00	<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	7.22	Per Cubic meter			
2.00	Providing and laying concrete for structure for plain/ reinforced concrete in open foundation complete as per drawing and technical specification clauses 802,803,1202 and 1203 P.C.C nominal mix 1:4:8 (1 cement : 4sand :8 graded stone aggregate 40mm nominal size) and curing complete including carriage of material within all leads and lifts and as per HPPWD specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	9.40	Per Cubic meter			



3.00	Providing and laying "W" metal beam crash barrier comprising of 3 mm. Thick corrugated sheet metal rail 70 centimetre above road/ground level fixed on ISMC series channel vertical post 15X75X5mm spaced 2.00 metre centre, 1.80 metre high 1.10 metre below ground/road level, all steel member and fittings to be galvanised by hot dip process. all fitting should confirm to IS: 1364 and metal beam rail to be fixed on the vertical post with a spacer of channel section 150X75X5mm, 330mm, long complete as per technical specification clause 810. including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	40.00	Per Running Metre			
						Total:-

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