

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT
'NOTICE INVITING TENDER'**

Sealed Percentage rates tender in emergent condition on form 6 & 7 are invited on behalf of Governor of Himachal Pradesh for the following work covered under emergent/inescapable nature from the approved and eligible contractors enlisted in H.P.PWD so as to reach in this office on or **02.12.2024 Up to 11.30 A.M.** and will be opened on the same day at 3.30 P.M. in the presence of interested contractors or their authorized representatives who may like to be present. If it happens to be holiday on the schedule date of opening of tender, the same will be opened on next working day. The application for obtaining the tender form will be received upto **12.00 PM** & without EMD tender form will not be accepted, moreover the tender form can be had from this office against cash payment (Nonrefundable) up to 5.00 P.M. on **30.11.2024**

The earnest money in the shape of National Saving Certificate/ Time deposit accounts/Saving account in any of the Post Office and Banks of Himachal Pradesh duly pledged in favour of the Xen Mandi Division No. II must accompany with each tender. Conditional tender and the tender received without earnest money will summarily be rejected. The earnest money should be attached with application. The offer of the tender shall be kept open for 90 days. The Executive Engineer reserves the right to reject the tender without assigning any reason.

Sr No	Name of work	Estt. cost	E/Money	Cost of tender form	Time limit
1.	Improvement of Vulnerable Black spots on Sandhapattan Bharol Bagora Hard Ropri Kalang Drubbel Basahidhar Charonj Banwar Kun Ka Tar Mandhokar Bhargoon Koti road km. 70/600 to 85/00. (SH:- Providing and fixing W-Metal Beam crash barrier railing at RD 73/500 to 73/645)	Rs 4,91,596	Rs 9,800	Rs. 350	One Month
2.	Improvement of Vulnerable Black spots on Sandhapattan Bharol Bagora Hard Ropri Kalang Drubbel Basahidhar Charonj Banwar Kun Ka Tar Mandhokar Bhargoon Koti road km. 70/600 to 85/00. (SH:- Providing and fixing W-metal Beam crash barrier railing at RD 70/775 TO 70/925)	Rs 4,83,360	Rs 9,700	Rs. 350	One Month
3.	C/O link road from Deodhar to Kheeligaloo to Balour 1st ward under SCDP (SH:- R/OFD between km 0/00 to 1/780)	Rs 3,62,425	Rs 7,300	Rs. 350	One Month
4.	A/R and M/O TPTS road km 0/00 to 11/00. (SH:- P/L WBM Grade-III for correction layer and repair of pot holes in km 6/00 to 11/00)	Rs 3,97,812	Rs 6,000	Rs. 350	One Month
5.	A/R and M/O TPTS road km 0/00 to 11/00 (SH:- Providing and laying WBM Grade-III for correction layer and Repair of Pot holes between km 0/00 to 11/00)	Rs 3,95,208	Rs 8,000	Rs. 350	One Month
6.	Annual repair and maintenance of office building Mandi Division No.II at Jail road Distt. Mandi (SH:- Providing and laying interlocking paver block in parking area (Left side of office building) of Division No.II)	Rs 4,74,113	Rs 9,500	Rs. 350	One Month
7.	Annual repair and maintenance of Residential building under Mandi Division No. II HPPWD Mandi (SH:- Providing and laying interlocking paver block, cement concrete work, soling etcetra in block-C back side)	Rs 1,50,181	Rs 3,000	Rs 350	Two Months
8.	Annual repair and maintenance of Residential building under Mandi Division NO.II HPPWD Mandi (SH:- Providing and laying interlocking paver block, cement concrete work etcetra in Block-c & E front side courtyard)	Rs 1,34,761	Rs 2,700	Rs. 350	One Month
9.	Annual repair and maintenance of Residential building under Mandi Division No.II HPPWD Mandi (SH:- Providing and laying interlocking paver block, cement concrete work etcetra in block-E front side courtyard)	Rs 1,71,551	Rs 3,400	Rs. 350	One Month
10.	Restoration of rain damages on Sain to Sandoh road km 0/00 to 14/400. (SH:- Construction of Retaining wall at RD. 5/300 TO 5/315)	Rs 3,51,329	Rs 7,000	Rs. 350	One Month
11.	Restoration of rain damages on Ganpati Kun Ka Tar road km. 0/00 to 21/500. (SH:- Providing wire crate at RD. 2/680 to 2/700)	Rs 3,79,048	Rs 7,600	Rs. 350	One Month
12.	Restoration of rain damages on Ganpati Kun Ka Tar road km 0/00 to 21/500 (SH:- Providing wire crate at RD. 2/700 to 2/710)	Rs 1,89,504	Rs 3,800	Rs. 350	One Month
13.	Providing and fixing Vulnerable Witness Box in the Court room of Judicial Cout Complex Mandi Distt. Mandi H.P. (SH:- Providing and fixing Vulnerable witness Box, aluminum work, tiles works, W.S & S.I fittings and other minor repair work etc)	Rs 4,48,213	Rs 9,000	Rs. 350	One Month
14.	R.R.D on Ganpati Kun Kar road km 0/00 to 21/500 (SH:- Removal of slips/ land slides from RD 1/670 to 1/930)	Rs 3,49,110	Rs 7,000	Rs. 350	One Month
15.	Annual repair and maintenance of Non residential building Class- III at Jail road Distt. Mandi H.P. (SH:- Providing and laying Granite works and repair to plaster work etcetra)	Rs 3,82,040	Rs 7,600	Rs. 350	One Month
16.	Annual repair and maintenance of Non residential building Class- III at Jail road Distt. Mandi H.P. (SH:- Providing and laying Granite works etcetra)	Rs 4,70,186	Rs 9,400	Rs. 350	One Month
17.	Annual repair and maintenance of Nerchowk Pandoh bypass road (section of NH-21) Km. 198/145 to 203/500 (SH:- Construction of drain at km 201/290 to 201/550)	Rs 4,92,384	Rs 9,900	Rs. 350	One Month
18.	A/R & M/O Residential building under Mandi Division No.II at Jail road Distt. Mandi H.P. (SH:- Providing and fixing steel work& Polycarbonate transparent sheet works etc. (Block-E)	Rs 3,20,175	Rs 6,500	Rs. 350	One Month

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

GENERAL CONDITIONS:-

1. The Contractors/ Bidders must submit copy of their Permanent Income Tax Account Number/ GST Number/ EPF No. along with the application for tender.
2. The Earnest money for the above works should be submitted with applications for the purchase of the tender documents.
3. The Contractors/Firms should attach copy of the Registration/ Renewal with the application.
4. The contractor/ bidder should quote his rates both in Figures and words, where there is any discrepancy between the rates in figures and words, the rates in words will be governed.
5. Conditional and telegraphic/email tender shall not be accepted and rejected straightway. Tender received after due date and time will be rejected.
6. The offer shall remain valid up to 75 days.

7. The provisions of guidelines issued vide the Principal Secretary (PW) to the Govt. of HP, Shimla vide notification No. PBW(B)A(3)1/2020 dated Shimla-2 the 22nd July, 2020 regarding adoption of CPWD works manual 2019 & other publication of CPWD in HPPWD shall also be applicable.
8. The tender forms will not be issued to those contractors whose performance is not found satisfactory.
9. The contractors whose rates are abnormally low may be asked to furnish the full justification of his rate failing which he will be debarred to compete in tendering for four months.
10. The contractor must be ensured that he is not having more than two works in hand and their detail must be prescribed in the proforma & attached with the application and only up to completion of work satisfactory including adherence to quality parameters further work will be awarded to him & two jobs shall be considered in one application subject to above.
11. The rates beyond the limit of over + 5%, will be rejected and the rates quoted below 10 %, the Additional Performance security will have to borne for unbalanced bid.
12. The participants should have the work done of similar nature & sufficient machinery & T & P alongwith proof.
13. The intending bidders who want to purchase tender form for any through job and are unable to visit the office physically must sent his/her authority letter with the person to whom the particular job is to be sold.
14. The tender form will not be sold to those bidders who have more than three pending works (any Head) for the last six months or more.
15. The Executive Engineer reserves the right to accept/rejected any tender/applications or all tenders without assigning any reasons.
16. In the jobs pertaining to Hiring of JCB /Tipper at will be discretionary power of Engineer-in-charge to deploy/engage JCB as & when required. The contractor will be no authority to force Engineer-in-charge to engage/deploy his machinery when not needed.
17. Moreover, in the jobs pertaining to hiring of JCB/Tipper it will be responsibility of contractor to open the road as soon as possible but not later than 4 hours.
18. For job No. 4 & 5 having bituminous macadam the contractor must be having HMP in his possession or he should provide certificate that he will provide supply of bituminous macadam from authorised HMP.

No.PW-MDII-CB NIT (off line) /2024-

Copy forwarded to the following for information and necessary action: -

1. The Engineer-in-chief, HPPWD: Shimla.
2. The Deputy Commissioner Mandi Distt. Mandi HP
3. The Sub Divisional officer (Civil) Sadar Mandi Distt. Mandi HP
4. The Chief Engineer, (MZ)HPPWD: Mandi.
5. The Superintending Engineer, 1st Circle, HPPWD: Mandi.
6. The Distt. Panchyat officer Mandi Distt. Mandi HP
7. The Commissioner Nagar Nigam Mandi Distt. Mandi HP
8. All A. E, S under this division.
9. The President of Contractor's Association.
10. Notice Board/Accounts Branch/Drawing Branch/Supdt. With spare copies.

18566-75

Dated: -

Executive Engineer
Mandi Division No.II
HP.PWD Mandi
23/11/2024

Executive Engineer
Mandi Division No.II
HP.PWD Mandi

Percentage Rate Schedule of Quantity

Estimated Cost:- 491596.00

Earnest Money:- 9800.00

Time:- One month

Name of work:- Improvement of Vulnerable Black spots on Sandhapattan Bharol Bagora Hard Ropri Kalang Drubal Basahidhar Charonj Banwar Kun Ka Tar Mandhokar Bhargaon
Sub Head:- Providing and fixing W-Metal Beam crash barrier railing at RD 73/500 to 73/645

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Excavation in soil in hilly area by manual/ mechanical means including cutting and trimming of side slopes and disposing of excavated earth with in all leads and lifts as per technical specification clause 1603.1. including carriage of material and other incidental charges complete in all respect as per direction of Engineer-in-Charge.	193.10 Cum.	194.95	Rupees one hundred ninety four and paise ninety five only	Per cubic metre	37645.00
2	Earth work in excavation for structures for all kinds of soil as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts, carriage of material and other incidental complete in all respect as per direction of Engineer-in-Charge.	17.86 Cum.	524.10	Rupees five hundred twenty four and paise ten only	Per cubic metre	9360.00
3	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete 1:2.5:5 (one cement : two and half sand : five graded/crushed stone aggregate 40mm (forty millimetre) nominal size) curing complete within all leads, lifts carriage of material and other incidentals as per direction of Engineer-in-Charge.	4.06 Cum.	7314.40	Rupees seven thousand three hundred fourteen and paise forty only	Per cubic metre	29696.00
4	Providing and erecting a "V" Metal Beam Crash Barrier comprising of 3mm (three millimetre) thick corrugated sheet metal beam guard rail 70cm (seventy centimetre) above road/ ground level fixed on ISMC series channel vertical posts 150x75x5mm thick (one hundred fifty X seventy five millimetre) spaced 2.00 (two point zero) metre centre to centre 1.80 metre (one point eight zero) high 1.10 metre (one point one zero) below ground/ road level all steel parts and fittings to be galvanised by hot deep process, all fittings to confirm to IS: 1364, metal beam guard rail to be fixed on the vertical posts with a spacer of channel section 150x75x5mm (one hundred fifty x seventy five x five millimetre), 330mm (three hundred thirty millimetre) long complete as per clause 810 within all leads, lifts carriage of material and other incidentals as per direction of Engineer-in-Charge.	80.00 Mtr.	3254.10	Rupees three thousand two hundred fifty four and paise ten only	Per running metre	260328.00
5	Providing and laying of boulder apron laid in wire crates with 4mm (four millimetre) diameter G.I. wire conforming to IS: 280 and IS: 4826 in 150mm x 150mm (one hundred fifty millimetre into one hundred fifty millimetre) mesh (woven diagonally) including 10% (ten percent) extra for laps and joints laid with stones boulders weighing not less than 25 Kg. (twenty five kilogram) each as per drawing and technical specifications clause 1301 complete within all leads, lifts, carriage of material and other incidentals as per direction of Engineer-in-Charge.	40.50 Cum.	3452.15	Rupees three thousand four hundred fifteen only	Per cubic metre	139812.00

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
6	Supplying and installation of hazard markers, object markers, 80-100cm (eighty to one hundred centimetre) high above ground level, painted black and white in 15cm (fifteen centimetre) wide strips, fitted with 80x100mm (eighty into one hundred millimetre) rectangular or 75mm (seventy five millimetre) diameter circular reflectorised panels at the top, buried or pressed into the ground and confirming to IRC-79 and the drawings complete within all leads, lifts, carriage of material and other incidentals as per direction of Engineer-in-Charge.	2.00 Nos.	512.50	Rupees hundred and paise fifty only	Each	1025.00
7	Providing and laying of Road Marking with hot applied thermoplastic compound 2.5 mm (two point five millimetre) thick including reflectorising glass beads @ (at the rate of) 250 gms per sqm (two hundred fifty grams per squaremetre) area on bituminous surface, thickness of 2.5 mm (two point five millimetre) is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete within all leads, lifts, carriage of material and other incidentals as per direction of Engineer-in-Charge.	4.20 Sqm.	650.00	Rupees hundred fifty and paise nil only	Per Square Metre	2730.00
8	Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign board 60cm (sixty centimetre) circular as per IRC:67 made of Class-C Type-XI retro reflective sheeting fixed over 2 mm (two millimetre) thick aluminium composite material sheet depending on the size of the sign fixed over back supportframe of min 25 mm x 25 mm x 3 mm (twenty five millimetre into twenty five millimetre into three millimetre) angle moulded on a mild steel circular pipe 65NB (sixty five NB), 3.2mm (three point two millimetre) thickness firmly fixed to the ground by means of properly designed foundation with M25 grade cement concrete 45cmx45cmx60cm (forty five centimetre into forty five centimetre into sixty centimetre), 60cm (sixty centimetre) below ground level as per approved drawing. The sign shall be maintained as per section 12 (twelve) of IRC 67 (sixty seven) complete within all leads, lifts, carriage of material and other incidentals as per direction of Engineer-in-Charge.	2.00 Nos.	5500.00	Rupees thousand hundred and paise nil only	Each	11000.00
Total:-						491596.00


 Executive Engineer,
 Mandi Division No.II,
 MP.PWD, Mandi.

Percentage Rate Schedule of Quantity

Estimated Cost:- 483360.00
Earnest Money:- 9700.00
Time:- One month

Name of work:- Improvement of Vulnerable Black spots on Sandhapattan Bharol Bagora Hard Ropri Kalang Drubal Basahidhar Charoni Banwar Kun Ka Tar Mandhokar Bhargaon
Sub Head:- Providing and fixing W-Metal Beam crash barrier railing at RD 70/775 to 70/925.

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures for all kinds of soil as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts, carriage of material and other incidentals complete in all respect as per direction of Engineer-in-Charge.	20.62 Cum.	524.10	Rupees five hundred twenty four and paise ten only	Per cubic metre	10807.00
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete 1:2.5:5 (one cement : two and half sand : five graded/crushed stone aggregate 40mm (forty millimetre) nominal size) curing complete within all leads, lifts carriage of material and other incidentals as per direction of Engineer-in-Charge.	4.06 Cum.	7314.40	Rupees seven thousand three hundred fourteen and paise forty only	Per cubic metre	29696.00
3	Providing and erecting a "W" Metal Beam Crash Barrier comprising of 3mm (three millimetre) thick corrugated sheet metal beam guard rail 70cm (seventy centimetre) above road/ ground level fixed on ISMC series channel vertical posts 150x75x5mm thick (one hundred fifty X five millimetre) spaced 2.00 (two point zero) metre centre to centre 1.80 metre (one point eight zero) high 1.10 metre (one point one zero) below ground/ road level all steel parts and fittings to be galvanised by hot deep process, all fittings to conform to IS: 1364, metal beam guard rail to be fixed on the vertical posts with a spacer of channel section 150x75x5mm (one hundred fifty x seventy five x five millimetre), 330mm (three hundred thirty millimetre) long complete as per clause 810 within all leads, lifts carriage of material and other incidentals as per direction of Engineer-in-Charge.	80.00 Mtr.	3254.10	Rupees three thousand two hundred fifty four and paise ten only	Per running metre	260328.00
4	Providing and laying of boulder apron laid in wire crates with 4mm (four millimetre) diameter G.I. wire conforming to IS: 280 and IS: 4826 in 150mm x 150mm (one hundred fifty millimetre into one hundred fifty millimetre) mesh (woven diagonally) including 10% (ten percent) extra for laps and joints laid with stones boulders weighting not less than 25 Kg. (twenty five kilogram) each as per drawing and technical specifications clause 1301 complete within all leads, lifts, carriage of material and other incidentals as per direction of Engineer-in-Charge.	48.60 Cum.	3452.15	Rupees three thousand four hundred fifty two and paise fifteen only	Per cubic metre	167774.00
5	Supplying and installation of hazard markers, object markers, 80-100cm (eighty to one hundred centimetre) high above ground level, painted black and white in 15cm (fifteen centimetre) wide strips, fitted with 80x100mm (eighty into one hundred millimetre) rectangular or 75mm (seventy five millimetre) diameter circular reflectorised panels at the top, buried or pressed into the ground and conforming to IRC-79 and the drawings complete within all leads, lifts, carriage of material and other incidentals as per direction of Engineer-in-Charge.	2.00 Nos.	512.50	Rupees five hundred twelve and paise fifty only	Each	1025.00

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
6	Providing and laying of Road Marking with hot applied thermoplastic compound 2.5 mm (two point five millimetre) thick including reflectorising glass beads @ (at the rate of) 250 gms per sqm (two hundred fifty grams per squaremetre) area on bituminous surface , thickness of 2.5 mm (two point five millimetre) is exclusive of surface applied glass beads as per IRC:35 .The finished surface to be level, uniform and free from streaks and holes complete within all leads, lifts, carriage of material and other incidentals as per direction of Engineer-in-Charge.	4.20 Sqm.	650.00	Rupees hundred fifty and paise nil only	Per Square Metre	2730.00
7	Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign board 60cm (sixty centimetre) circular as per IRC :67 made of Class-C Type-XI retro reflective sheeting fixed over 2 mm (two millimetre) thick aluminium sheeting vide clause 801.3, 3mm/4mm (three millimetre/ four millimetre) thick Aluminium composite material sheet depending on the size of the sign fixed over back supportframe of min 25 mm x 25 mm x 3 mm (twenty five millimetre into twenty five millimetre into three millimetre) angle moulded on a mild steel circular pipe 65NB (sixty five NB), 3.2mm (three point two millimetre) thickness firmly fixed to the ground by means of properly designed foundation with M25 grade cement concrete 45cmx45cmx60cm (forty five centimetre into forty five centimetre into sixty centimetre), 60cm (sixty centimetre)below ground level as per approved drawing. The sign shall be maintained as per section 12 (twelve) of IRC 67 (sixty seven) complete within all leads, lifts, carriage of material and other incidentals as per direction of Engineer-in-Charge.	2.00 Nos.	5500.00	Rupees thousand hundred and paise nil only	five Each	11000.00
Total:-						483360.00


 Executive Engineer,
 Mandi Division No.II,
 MP PWD, Mandi.

Percentage Rate SCHEDULE OF quantity

Name of Work :- C/O link road from Deodhar to Kheलगलू to Batour 1st ward under SCDP (SH :- ROFD between Km 0/00 to 1/780)

Estimated cost Rs.3,62,425/-
Earnest Money Rs. 7300/-
Time:- One Month

Sr. No.	Description of items.	Quantity	Rates		Unit	Amount
			Figure	Words		
1	Excavation in soil in Hilly area by all means in all kinds of soil such as pick work, jumper work, blasting work both in soft and hard rock with chiselling/ wedging out rock (where blasting is prohibited) and other intermediate classification of soil including cutting and trimming of side slopes and disposal of unserviceable material by mechanical transport and stacking the serviceable/ useful material on road berms as per technical specification clause 1603.1,1603.2 or directed by the Engineer-in-charge.Recovery for useful stone of 130.33 cubic metre @ Rs. 300/- per cubic metre Rs 39,100/- only shall be done on prorata basis for the quantity of cutting in earth work effected. The work shall be executed in workman like manner and avoids any damages to the private/ Govt. property in the vicinity of work site, if damage access any property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	1503.84	241.00	Rupees Two Hundred Forty One Only	Per Cubic Metre	3,62,425.00
						3,62,425.00



Executive Engineer,
Mandi Division No-II,
HP. PWD, Mandi.

Percentage Rate SCHEDULE OF QUANTITY

Name of work :- A/R & M/O TPPTS road Km 0/00 to 11/00 (SH :- P/L WBM Grade-III for correction layer and repair of pot hole in Km 6/00 to 11/00).

Estimated Cost Rs.2,97,812/-
Earnest Money Rs 6,000/-
Time:- One month.

Sr. No.	Description of items.	Quantity	Rates		Unit	Amount
			Figure	Words		
1	2	3	4	5	6	7
1	Providing, laying, spreading and compacting stone aggregates of 53mm to 22.4 mm (Fifty three millimetre to twenty two point four millimetre) sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN (Eighty- hundred Kn) static roller in stages to proper grade and camber, applying and brooming, stone screening to fill up the interstices of coarse aggregate, watering and compacting to the required density Grading-III as per Technical Specification Clause 405 By Manual means including carriage of materials with in all leads, lifts and other incidentals.	8.26	3388.80	Rupees Three Thousand Three Hundred Eighty Eight and Paise Eighty Only	Per Cubic Metre	27,991.00
2	Providing and applying tack coat with Bitumen emulsion (RS-I) using emulsion distributor at the rate of 0.25 to 0.30 Kg. per sqm (Zero point two five to zero point three zero kilogram per square metre) on the prepared granular bituminous surface treated with primer cleaned with Hydraulic broom as per Technical Specification Clause 503 including hauling/ carriage of materials through all modes of transportation with in all leads and lifts of materials and other incidentals.	753.27	23.30	Rupees Twenty Three and Paise Thirty Only	Per square Metre	17,551.00
3	Providing, laying and rolling of open-graded premix carpet of 20 mm (Twenty millimetre) thickness composed of 13.2 mm (Thirteen point two millimetre) to 5.6 mm (Five point six millimetre) aggregates using penetration grade 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 (Eighty - hundred Kn) static roller capacity, finished to required level and grades to be followed by seal coat of Type B as per technical specification Clause 508 by Manual/Mechanical Means Bitumen S-90/ VG-10 grade including hauling/ carriage of materials through all modes of transportation with in all leads and lifts of materials and other incidentals.	753.27	256.45	Rupees Two Hundred Fifty Six and Paise Forty Five Only	Per square Metre	1,93,176.00
4	Providing and laying seal coat sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Bitumen S-90/ VG-10 grade Type B as per Technical Specification clause 510 By manual/mechanical means including carriage of materials with in all leads, lifts and other incidentals.	753.27	78.45	Rupees Seventy Eight and Paise Forty Five Only	Per square Metre	59,094.00
					Total	2,97,812.00



 Executive Engineer,
 Mandi Division No-II,
 HP. PWD, Mandi.

Percentage Rate SCHEDULE OF QUANTITY

Name of work :- A/R and M/O on TPTS Road Km 0/00 to 11/00 (SH:- Providing and Laying WBM Grade-III for correction layer and Repair of Pot holes between in km. 0/00 to 11/00)

Estimated Cost Rs. 3,95,208/-
Earnest Money Rs.8,000/-
Time:- One month.

Sr. No.	Description of items.	Quantity	Rates		Unit	Amount
			Figure	Words		
1	2	3	4	5	6	7
1	Providing, laying, spreading and compacting stone aggregates of 53mm to 22.4 mm (Fifty three millimetre to twenty two point four millimetre) sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN (Eighty- hundred Kn) in stages to proper grade and camber, applying and brooming, stone screening to fill up the interstices of coarse aggregate, watering and compacting to the required density Grading-III as per Technical Specification Clause 405 By Manual/ Mechanical means including carriage of materials with in all leads, lifts and other incidentals.	9.82	3388.80	Rupees Three Thousand Three Hundred Eighty Eight and Paise Eighty Only	Per Cubic metre	33,278.00
2	Providing and applying tack coat with Bitumen emulsion (VG-10) using emulsion distributor at the rate of 0.25 to 0.30 Kg. (zero point two five to zero point three zero kilogram) per square metre on the prepared dry and hungry bituminous surface cleaned with Hydraulic broom as per Technical Specification Clause 503 including carriage of materials with in all leads, lifts and other incidentals.	1010.41	23.30	Rupees Twenty Three and Paise Thirty Only	Per square metre	23,543.00
3	Providing, laying and rolling of open-graded premix carpet of 20 mm (Twenty millimetre) thickness composed of 13.2 mm (Thirteen point two millimetre) to 5.6 mm (Five point six millimetre) aggregates using penetration grade bitumen VG-10/ S-90 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 (Eighty - hundred Kn) static roller capacity, finished to required level and grades to be followed by seal coat of Type B as per technical specification Clause 508 By Manual Means including carriage of materials with in all leads, lifts and other incidentals.	1010.41	256.45	Rupees Two Hundred Fifty Six and Paise Forty Five Only	Per square metre	2,59,120.00
4	Providing and laying seal coat sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Bitumen S-90/ VG-10 grade Type B as per Technical Specification clause 510 by manual means including carriage of materials with in all leads, lifts and other incidentals.	1010.41	78.45	Rupees Seventy Eight and Paise Forty Five Only	Per square metre	79,267.00
	Total					3,95,208.00


 Executive Engineer,
 Mandi Division No-II,
 HP. PWD, Mandi.

Percentage Rate Schedule of Quantity

Estimated Cost:- Rs 474113.00
 Earnest Money:- Rs 9500.00
 Time:- Two Months

Name of work:- Annual repair and maintenance of office building Mandi Division No.II at Jail road Distt. Mandi.
Sub Head:- Providing and laying interlocking paver block in parking area (Left side of office building) of Division No.II.

Sr. No.	Description of Item	Qty	Rate		Unit	Amount
			In Figure	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m (one point five metre) in width or 10 sqm (ten squaremetre) on plan), including dressing of sides and ramming of bottoms, including getting out the excavated soil and disposal of surplus excavated soil as directed, within all	16.84 Cum	221.45	Rupees two hundred twenty one and paise forty five only	Per cubic metre	3729.00
2	Supplying, filling, spreading and leveling gravels of size range 5 mm (five millimetre) to 10 mm (ten millimetre), in the recharge pit, over the existing layer of boulders, in required thickness, complete within all leads, lifts, carriage of material and other incidental complete in all respect as per direction of Engineer-in-Charge.	16.84 Cum	1647.00	Rupees one thousand six hundred forty seven and paise nil only	Per cubic metre	27735.00
3	Providing and laying in position cement concrete 1:3:6 (one cement, three coarse sand : six graded, crushed stone aggregate 40mm (forty millimetre) nominal size excluding the cost of centering and shuttering in all works up to all floor level including carriage of materials within all leads and lifts complete in all respect as per direction and satisfaction of Engineer-in-Charge.	8.42 Cum	6044.20	Rupees six thousand forty four and paise twenty only	Per cubic metre	50892.00
4	Providing and laying factory made chamfered edge 60mm (sixty millimetre) thick cement concrete paver blocks of M-35 (thirty five) in footpath, parks, lawns, drive ways or light traffic parking etcetera of required strength, thickness and size/ shape, made by table vibratory method using PU mould, laid in required colour design and pattern over 50mm	266.30 Sqm	1450.00	Rupees one thousand four hundred fifty and paise nil only	Per square metre	386135.00
5	Providing and laying in position reinforced cement concrete 1:2:4 (one cement, two coarse sand, four graded, crushed stone aggregate 40mm (forty millimetre) nominal size) excluding the cost of centering, shuttering, in all works up to all floor level including carriage of materials within all leads and lifts complete in all respect as per direction and satisfaction of Engineer-in-Charge.	0.87 Cum	6462.00	Rupees six thousand four hundred sixty two and paise nil only	Per cubic metre	5622.00
	Total					474113.00


 Executive Engineer,
 Mandi Division No.II
 P.P.W.D. Mandi.

Percentage Rate Schedule of Quantity

Estimated Cost:-Rs. 150181.00
Earnest Money:-Rs. 3000.00
Time:- Two Months

Name of work:- Annual repair and maintenance of Residential building under Mandi Division No.II HP.PWD. Mandi.
Sub Head:- Providing and laying interlocking paver block, cement concrete work, soling etcetra in Block - C back side.

Sr. No.	Description of Item	Qty	Rate		Unit	Amount
			In	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m (one point five metre) in width or 10 sqm (ten squaremetre) on plan), including dressing of sides and ramming of bottoms, including getting out the excavated soil and disposal of surplus excavated soil as directed, within all leads and lifts including carriage of material and other incidental charges complete in all respect as per direction of Engineer-in-Charge.	18.90 Cum	221.45	Rupees two hundred twenty one and paise forty five only	Per cubic metre	4185.00
2	Supplying, filling, spreading and leveling gravels of size range 5 cm (five centimetre) to 20 cm (twenty centimetre), in the recharge pit, over the existing layer of boulders, in required thickness, complete within all leads, lifts, carriage of material and other incidental complete in all respect as per direction of Engineer-in-Charge.	9.45 Cum	1647.00	Rupees one thousand six hundred forty seven and paise nil only	Per cubic metre	15564.00
3	Providing and laying in position cement concrete 1:3:6 (one cement: three coarse sand : six graded, crushed stone aggregate 40mm (forty millimetre) nominal size excluding the cost of centering and shuttering in all works up to all floor level including carriage of materials within all leads and lifts complete in all respect as per direction and satisfaction of Engineer-in-Charge.	6.30 Cum	6044.20	Rupees six thousand forty four and paise twenty only	Per cubic metre	38078.00
4	Providing and laying factory made chanfered edge 60mm (sixty millimetre) thick cement concrete paver blocks of M-35 (thirty five) in footpath, parks, lawns, drive ways or light traffic parking etcetera of required strength, thickness and size/ shape, made by table vibratory method using PU mould, laid in required colour design and pattern over 50mm (fifty millimetre) thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete within all leads, lifts carriage of material and other incidentals as per direction of Engineer-in-Charge.	63.00 Sqm	1450.00	Rupees thousand hundred fifty and paise nil only	Per square metre	91350.00
5	Providing and laying in position reinforced cement concrete 1:2:4 (one cement: two coarse sand : four graded, crushed stone aggregate 20mm (twenty millimetre) nominal size) excluding the cost of centering, shuttering, in all works up to all floor level including carriage of materials within all leads and lifts complete in all respect as per direction and satisfaction of Engineer-in-Charge.	0.15 Cum	6696.00	Rupees six thousand six hundred ninety six and paise nil only	Per cubic metre	1004.00
	Total					150181.00


Executive Engineer,
Mandi Division No.II
H.P.W.D. Mandi,

Percentage Rate Schedule of Quantity

Estimated Cost:- Rs. 134761.00
Earnest Money:- Rs. 2700.00
Time:- Two Months

Name of work:- Annual repair and maintenance of Residential building under Mandi Division No.II H.P.W.D. Mandi.
Sub Head:- Providing and laying interlocking paver block, cement concrete work etcetra in Block -C & E front side courtyard.

Sr. No.	Description of Item	Qty	Rate		Unit	Amount
			In Figure	In words		
1	Providing and laying factory made chamfered edge 60mm (sixty millimetre) thick cement concrete paver blocks of M-35 (thirty five) in footpath, parks, lawns, drive ways or light traffic parking etcetra of required strength, thickness and size/ shape, made by table vibratory method using PU mould, laid in required colour design and pattern over 50mm (fifty millimetre) thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete within all leads, lifts carriage of material and other incidentals as per direction of Engineer-in-Charge.	91.83 Sqm	1450.00	Rupees one thousand four hundred fifty and paise nil only	Per square metre	133154.00
2	Providing and laying in position reinforced cement concrete 1:2:4 (one cement: two coarse sand :four graded, crushed stone aggregate 20mm (twenty millimetre) nominal size) excluding the cost of centering, shuttering, in all works up to all floor level including carriage of materials within all leads and lifts complete in all respect as per direction and satisfaction of Engineer-in-Charge.	0.24 Cum	6696.00	Rupees six thousand six hundred ninety six and paise nil only	Per cubic metre	1607.00
	Total					134761.00


Executive Engineer,
 Mandi Division No.II
 H.P.W.D. Mandi.

Percentage Rate Schedule of Quantity

Estimated Cost:- Rs. 171551.00
 Earnest Money:- Rs. 3400.00
 Time:- Two Months

Name of work:- Annual repair and maintenance of Residential building under Mandi Division No.II HP.PWD. Mandi.
Sub Head:- Providing and laying interlocking paver block, cement concrete work etcetra in Block - E front side courtyard.

Sr. No.	Description of Item	Qty	Rate		Unit	Amount
			In Figure	In words		
1	Providing and laying factory made chamfered edge 60mm (sixty millimetre) thick cement concrete paver blocks of M-35 (thirty five) in footpath, parks, lawns, drive ways or light traffic parking etcetra of required strength, thickness and size/ shape, made by table vibratory method using PU mould, laid in required colour design and pattern over 50mm (fifty millimetre) thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete within all leads, lifts carriage of material and other incidentals as per direction of Engineer-in-Charge.	117.48 Sqm	1450.00	Rupees one thousand four hundred fifty and paise nil only	Per square metre	170346.00
2	Providing and laying in position reinforced cement concrete 1:2:4 (one cement: two coarse sand :four graded, crushed stone aggregate 20mm (twenty millimetre) nominal size) excluding the cost of centering, shuttering, in all works up to all floor level including carriage of materials within all leads and lifts complete in all respect as per direction and satisfaction of Engineer-in-Charge.	0.18 Cum	6696.00	Rupees six thousand six hundred ninety six and paise nil only	Per cubic metre	1205.00
	Total					171551.00


 Executive Engineer,
 Mandi Division No.II
 H.P.P.W.D. Mandi.

Percentage Rate Schedule of Quantity

Estimated Cost:- Rs 351329.00
Earnest Money:- Rs 7000.00
Time:- Two Months

Name of work:- Restoration of rain damages on Sain to Sandoh road Km. 0/000 to 14/400.

Sub Head:- Construction of Retaining wall at R.D. 5/300 to 5/315.

Sr. No.	Description of Item	Qty	Rate		Unit	Amount
			In Figure	In words		
1	Excavation in soil in hilly area by manual/ mechanical means including cutting and trimming of side slopes and disposing of excavated earth with in all leads and lifts as per technical specification clause 1603.1. including carriage of material and other incidental charges complete in all respect as per direction of Engineer-in-Charge.	11.10 Cum	198.35	Rupees one hundred ninety eight and paise thirty five only	Per cubic metre	2202.00
2	Earth work in excavation for structures for all kinds of soil as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts, carriage of material and other incidental complete in all respect as per direction of Engineer-in-Charge.	17.70 Cum	609.90	Rupees six hundred nine and paise ninety only	Per cubic metre	10795.00
3	Providing and laying concrete for plain / reinforced concrete in open foundations complete as per drawing and technical specification clauses 802.803.1202 & 1203. Plain cement concrete nominal mix 1:5:10 (one cement : five sand : ten graded, crushed stone aggregate 40mm (forty millimetre) nominal size) curing complete within all leads, lifts carriage of material and other incidental complete in all respect as per direction of Engineer-in-Charge.	60.15 Cum	5185.20	Rupees five thousand one hundred eighty five and paise twenty only	Per cubic metre	311890.00
4	Back filling behind abutment wing wall and return wall complete as per Drawing and technical specifications clause 1204.3.8 Granular material complete within all leads, lifts carriage of material and other incidentals as per direction of Engineer-in-Charge.	13.05 Cum	1515.85	Rupees one thousand five hundred fifteen and paise eighty five only	Per cubic metre	19782.00
5	Providing weep hole in brick masonry/ stone masonry / plain reinforced concrete abutment, wing wall, return wall with 100mm dia.(one hundred millimetre diameter) PVC pipe extending through the full width of the structures with slope of 1V:20H (one vertical isto twenty horizontal) towards drawing face complete as per drawing and technical specifications clauses 614.709.1204.3.7 including carriage of material and other incidentals as per direction of Engineer-in-Charge.	19.00 Nos.	350.50	Rupees three hundred fifty and paise fifty only	Each	6660.00
	Total					351329.00


Executive Engineer,
Mandi Division No.II
H.P.P.W.D. Mandi,

Percentage Rate Schedule of Quantity

Name of work:- Restoration of rain damages on Ganpati Kun Ka Tar road Km. 0/000 to 21/500.
Sub Head:- Providing wire crate at RD. 2/680 to 2/700.

Estimated Cost:- 379048.00
Earnest Money:- 7600.00
Time:- One Month

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Providing and laying of boulder apron laid in wire crates with 4mm (four millimetre) diameter G.I. wire conforming to IS: 280 and IS: 4826 in 100mm x 100mm (one hundred millimetre into one hundred millimetre) mesh (woven diagonally) including 10% (ten percent) extra for laps and joints laid with stones boulders weighting not less than 25 Kg. (twenty five kilogram) each as per drawing and technical specifications clause 1301 complete within all leads, lifts, carriage of material and other incidentals as per direction of Engineer-in-Charge.	96.77 Cum.	3917.00	Rupees three thousand nine hundred seventeen and paise nil only	Per cubic metre	379048.00
	Total:-					379048.00



Executive Engineer,
 Mandi Division No. II
 HP, PWD, Mandi.

Percentage Rate Schedule of Quantity

Name of work:- Restoration of rain damages on Ganpati Kun Ka Tar road Km. 0/000 to 21/500.
Sub Head:- Providing wire crate at RD. 27700 to 27710.

Estimated Cost:- 189504.00
Earnest Money:- 3800.00
Time:- One Month

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Providing and laying of boulder apron laid in wire crates with 4mm (four millimetre) diameter G.I. wire conforming to IS: 280 and IS: 4826 in 100mm x 100mm (one hundred millimetre into one hundred millimetre) mesh (woven diagonally) including 10% (ten percent) extra for laps and joints laid with stones boulders weighting not less than 25 Kg. (twenty five kilogram) each as per drawing and technical specifications clause 1301 complete within all leads, lifts, carriage of material and other incidentals as per direction of Engineer-in-Charge.	48.38 Cum.	3917.00	Rupees three thousand nine hundred seventeen and paise nil only	Per cubic metre	189504.00
Total:-						189504.00


Executive Engineer,
Mandi Division No.II
HP.PWD. Mandi.

%age Rate of SCHEDULE OF QUANTITY

Name of work:- Providing and fixing Vulnerable Witness Box in the Court room of Judicial Court Complex Mandi, Distt. Mandi (H.P.) (SH:- Providing and fixing Vulnerable Witness Box, aluminium work, tiles works, W.S. & S.I. fittings and other minor repair work etc.)

Estimated cost Rs. 4,48,213/-
Earrest Money Rs. 9,000/-
Time:- One month.

Sr. No.	Description of items.	Quantity	Figure	Rates		Unit	Amount
			4	5	Words		
1	2	3				6	7
1	Providing and fixing MDF board 18mm (eighteen millimetre) thick Prelaminated board both side in Shutter, shelves/box for cup board with butt joints & fixing with nails & screws etc. complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	42.29	3164.75	Rupees Three Thousand One Hundred Sixty Four and Paise Seventy Five Only		Per Square Metre	1,33,837.00
2	Providing overall with 35mm (thirty five millimetre) M.S. Piano hinges ISI marked IS 3818 finished with nickel plating and fixing with necessary screws etc., complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	31.37	246.20	Rupees Two Hundred Forty Six and Paise Twenty Only		Per Running Metre	7,723.00
3	Providing and fixing 100x10mm (one hundred into ten millimetre) fancy handles to required colour or shade, necessary screws etc. complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	37	185.55	Rupees One Hundred Eighty Five and Paise Fifty Five Only		Each	6,865.00
4	Providing and fixing 50mm (fifty millimetre) special quality bright finished brass cupboard or ward robe locks with four levers of approved quality including necessary screws etc. complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	5	386.20	Rupees Three Hundred Eighty Six and Paise Twenty Only		Each	1,931.00
5	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	60	85.65	Rupees Eighty Five and Paise Sixty Five Only		Each	5,139.00
6	Providing and fixing 150x10mm (one hundred fifty into ten millimetre) aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	13	78.20	Rupees Seventy Eight and Paise Twenty Only		Each	1,017.00

7	Providing and fixing PVC Edge tape in cupboard / ward robe shutters, including fixing with necessary adhesive / screws etc. complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	104.05	78.25	Rupees Seventy Eight and Paise Twenty Five Only	Per Running Metre	8,142.00
8	Providing and fixing L- button in cupboard/ward robe shutters, including fixing with necessary adhesive / screws etc. complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	64	35.55	Rupees Thirty Five and Paise Fifty Five Only	Each	2,275.00
9	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitered and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing/ paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For fixed portion Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15) complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	43.305	825.80	Rupees Eight Hundred Twenty Five and Paise Eighty Only	Per Kilogram	35,761.00
10	Providing and fixing aluminium die cast body hydrolic door closer with necessary accessories and screws etc. complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	1	1287.50	Rupees One Thousand Two Hundred Eighty Seven and Paise Fifty Only	Each	1,288.00
11	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	1	164.40	Rupees One Hundred Sixty Four and Paise Forty Only	Each	164.00

12	Providing and fixing aquagard water purifier of superour quality as per direction of Engineer-In-Charge complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	1	16324.75	Rupees Sixteen Thousand Three Hundred Twenty Four and Paise Seventy Five Only	Each	16,325.00
13	Providing and fixing vitreous China EWC (P) seat with UF soft close seat cover, hinges, accessories of superior Quality as per direction complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	1	632.65	Rupees Six Hundred Thirty Two and Paise Sixty Five Only	Each	633.00
14	Providing and fixing 10 (ten) liter capacity white P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS.7231, with all fittings and fixtures complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	1	1207.95	Rupees One Thousand Two Hundred Seven and Paise Ninety Five Only	Each	1,208.00
15	Providing and fixing angle cock of Superour quality as per direction of Engineer-In-Charge complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	7	1082.65	Rupees One Thousand Eighty Two and Paise Sixty Five Only	Each	7,579.00
16	Providing and fixing Pillar Cock of Superour quality as per direction of Engineer-In-Charge complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	1	1651.70	Rupees One Thousand Six Hundred Fifty One and Paise Seventy Only	Each	1,652.00
17	Providing and fixing long body tab of Superour quality as per direction of Engineer-In-Charge complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	1	1836.60	Rupees One Thousand Eight Hundred Thirty Six and Paise Sixty Only	Each	1,837.00
18	Providing and fixing jet spary of Superour quality as per direction of Engineer-In-Charge complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	1	983.05	Rupees Nine Hundred Eighty Three and Paise Five Only	Each	983.00
19	Providing and fixing 45cm length 20mm (forty five centimeter length twenty millimetre) nominal bore uplasticised PVC connection pipe with brass unions complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	1	194.95	Rupees One Hundred Ninety Four and Paise Ninety Five Only	Each	195.00

20	Providing and fixing Long nose Pillar Cock of Superior quality as per direction of Engineer-In-Charge complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	5	2220.75	Ruppes Two Thousand Two Hundred Twenty and Paise Seventy Five Only	Each	11,104.00
21	Providing and fixing 15mm (fifteen millimetre) nominal outer dia pipes Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1m (one metre) spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	16.81	433.90	Ruppes Four Hundred Thirty Three and Paise Ninety Only	Per Running Metre	7,294.00
22	Providing and fixing Single socketed pipes. 50mm (fifty millimetre) diameter on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10mm (ten millimetre) gap for thermal expansion, complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	2.67	312.95	Ruppes Three Hundred Twelve and Paise Ninety Five Only	Per Running Metre	836.00
23	Providing and fixing 50mm dia bend on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm (ten millimetre) gap for thermal expansion, complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	2	148.20	Ruppes One Hundred Forty Eight and Paise Twenty Only	Each	296.00
24	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20mm (twenty millimetre) nominal size complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	0.24	6959.50	Ruppes Six Thousand Nine Hundred Fifty Nine and Paise Fifty Only	Per Cubic Metre	1,670.00

25	Providing and laying ceramic tiles 300x300x10mm (three hundred into three hundred into ten millimetre) in grey/coloured or of approved shade in flooring, treads of steps and landing laid on a bed of 12mm (twelve millimetre) thick cement mortar 1:3 (1 cement : 3 sand) laid over and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	1.57	1286.60	Rupees One Thousand Two Hundred Eighty Six and Paise Sixty Only	Per Square Metre	2,020.00
26	Providing and fixing floor trap on wall face unplasticised PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10mm (ten millimetre) gap for thermal expansion, complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	1	337.20	Rupees Three Hundred Thirty Seven and Paise Twenty Only	Each	337.00
27	Providing and fixing 100mm (hundred millimetre)sand cast Iron grating for gully trap complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	1	161.20	Rupees One Hundred Sixty One and Paise Twenty Only	Each	161.00
28	Providing and fixing 18mm (eighteen millimetre) thick water proof commercial board in shelves / box for cup board with butt joints & fixing with nails & screws etc complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	6.23	2343.15	Rupees Two Thousand Three Hundred Forty Three and Paise Fifteen Only	Per Square Metre	14,598.00
29	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 complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	1049.86	129.30	Rupees One Hundred Twenty Nine and Paise Thirty Only	Per Kilogram	1,35,747.00
30	Providing and fixing moulded hand rail of M.S. hollow pipe 50mm dia welded in straight length over M.S. flat at top of vertical balusters including one coat of red oxide priming coat complete (M.S. flat & balusters of railings shall be measured & paid separately complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	13.11	451.85	Rupees Four Hundred Fifty One and Paise Eighty Five Only	Per Running Metre	5,924.00

31	Providing and fixing Single socketed pipes. 110mm (one hundred diameter. on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring expansion, complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	4.3	572.05	Rupees Five Hundred Seventy Two and Paise Five Only	Per Running Metre	2,460.00
32	Providing and fixing 110mm (one hundred ten millimetre) T Bend on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm (ten millimetre) gap for thermal expansion. complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	1	295.95	Rupees Two Hundred Ninety Five and Paise Ninety Five Only	Each	296.00
33	Providing and fixing 110mm (one hundred ten millimetre) bend on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm (ten millimetre) gap for thermal expansion. complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	3	324.40	Rupees Three Hundred Twenty Four and Paise Forty Only	Each	973.00
34	Providing and fixing Single socketed pipes. 75 mm diameter. on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	1.5	397.85	Rupees Three Hundred Ninety Seven and Paise Eighty Five Only	Per Running Metre	597.00
35	Providing and fixing 75mm (seventy five millimetre) T-bend on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm (ten millimetre) gap for thermal expansion complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	1	223.60	Rupees Two Hundred Twenty Three and Paise Sixty Only	Each	224.00

36	Providing and fixing 75mm (seventy five millimetre) bend 87.5° on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm (ten millimetre) gap for thermal expansion complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	1	173.80	Rupees One Hundred Seventy Three and Paise Eighty Only	Each	174.00
37	Providing and fixing 15mm (fifteen millimetre) nominal bore G.I. Elbow in G.I. pipe including cutting and threading the pipe and making long screws etc. complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	2	97.65	Rupees Ninety Seven and Paise Sixty Five Only	Each	195.00
38	Providing and fixing 15mm (fifteen millimetre) nominal bore G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	1	427.75	Rupees Four Hundred Twenty Seven and Paise Seventy Five Only	Each	428.00
39	Providing and fixing panelling or paneling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (area of opening for panel inserts excluding portion inside grooves or rebated to be measured). Panelling for panelled and glazed shutters 12mm (twelve millimetre) Pre-laminated with decorative lamination on both side exterior Grade - I MDF Board 12mm (twelve millimetre) thick conforming to IS:14587 complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	15.59	1816.85	Rupees One Thousand Eight Hundred Sixteen and Paise Eighty Five Only	Per Square Metre	28,325.00
Total						4,48,213.00


 Executive Engineer
 Mandi Division No.-II
 H.P.P.W.D. Mandi

Percentage Rate SCHEDULE OF QUANTITY

Name of work :- R.R.D on Ganpati Kun Kar road Km 0/00 to 21/500 (SH:- Removal of slips/ land slides from Rd 1/870 to 1/930)

Estimated Cost Rs.3,49,110/-
Earnest Money Rs. 7,000/-
Time :- One month.

Sr. No.	Description of items.	Qty.	Rates in:		Unit.	Amount.
			Figure.	Words.		
1	Removal of slips/ land slides in all kinds of soil including saturated soil, rocky portion requiring blasting/ chiselling by all means including cutting and trimming of slopes and disposal of unserviceable material and stacking of serviceable material, with in all leads and lifts as per technical specification clause 302.3.5 and 1611 as per the direction of Engineer-in Charge. Any loss to the public/private property or any accident etc. happens during the course of execution shall be absolute responsibility of the contractor, which shall have to be fully compensated by him in all cases. The rate includes the cost for arrangement of labour/ machinery at sudden notice, transportation and hutments, interruption of traffic while working and inclement weather etc.	2145.07	162.75	Rupees One Hundred Sixty Two and Paise Seventy Five Only	Per Cubic Metre	3,49,110.00


Executive Engineer,
Mandi Division No-II,
HP. PWD, Mandi.

Percentage Rate Schedule of Quantity

Estimated Cost:- Rs. 382040.00
Earnest Money:- Rs. 7600.00
Time:- One month

Name of work:- Annual repair and maintenance of Non residential building Class-II at Jail road Dist. Mandi (H.P.)
Sub Head:- Providing and laying Granite works and repair to plaster work etcetera.

Sr. No.	Description of Item	Qty	Rate		Unit	Amount
			In Figure	In words		
1	Demolishing cement concrete manually/ by mechanical means including disposal of material complete in all respect including carriage of materials within all leads and lifts as per direction and satisfaction of Engineer-in-Charge.	4.98 Cum	1547.30	Rupees one thousand five hundred forty seven and paise thirty only.	Per cubic metre	7706.00
2	Providing and laying polished granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm (eighteen millimetre) thick stone slab over 20 mm (twenty millimetre) (average) thick base of cement mortar 1:4 (one cement : four coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etcetera at all levels complete in all respect including carriage of materials within all leads and lifts as per direction and satisfaction of Engineer-in-Charge.	36.92 Sqm.	7563.65	Rupees seven thousand five hundred eighty three and paise sixty five only.	Per square metre	279988.00
3	Providing edge moulding to 18 mm (eighteen millimetre) thick marble stone counters, Vanities etcetera including machine polishing to edge to give high gloss finish etcetera complete as per design approved complete in all respect including carriage of materials within all leads and lifts as per direction and satisfaction of Engineer-in-Charge.	158.22 Mtr	425.70	Rupees four hundred twenty five and paise seventy only.	Per running metre	67354.00
4	Repairs to plaster of thickness 12 mm (twelve millimetre) to 20 mm (twenty millimetre) in patches of area 2.5 sqm. (two point five squaremeters) and under with cement mortar 1:4 (one cement isto four sand), including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground and carriage of materials within all leads and lifts as per direction and satisfaction of Engineer-in-Charge.	26.03 Sqm.	384.35	Rupees three hundred eighty four and paise thirty five only.	Per square metre	10005.00
5	Providing and applying white cement based putty of average thickness 1 mm (one millimetre) of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete in all respect including carriage of materials within all leads and lifts as per direction and satisfaction of Engineer-in-Charge.	140.56 Sqm.	120.85	Rupees one hundred twenty and paise eighty five only.	Per square metre	16987.00
	Total					382040.00


Executive Engineer,
Mandi Division No.II,
HP.PWD. Mandi.

Percentage Rate Schedule of Quantity

Estimated Cost:- Rs. 470186.00

Earnest Money:- Rs. 9400.00

Time:- One month

Name of work:- Annual repair and maintenance of Non residential building Class-III at Jail road Distt. Mandi (H.P.)
Sub Head:- Providing and laying Granite works etcetera.

Sr. No.	Description of Item	Qty	Rate		Unit	Amount
			In Figure	In words		
1	Providing and laying polished granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm (eighteen millimetre) thick stone slab over 20 mm (twenty millimetre) (average) thick base of cement mortar 1:4 (one cement : four coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etcetera at all levels complete in all respect including carriage of materials within all leads and lifts as per direction and satisfaction of Engineer-in-Charge.	62.00 Sqm.	7583.65	Rupees seven thousand five hundred eighty three and paise sixty five only.	Per square metre	470186.00
	Engineer-in-Charge.				Total	470186.00


Executive Engineer,
Mandi Division No.II,
HP.PWD. Mandi.

Percentage Rate Schedule of Quantity

Estimated Cost:- Rs. 492384.00

Earnest Money:- Rs. 9900.00

Time:-

Two Months

Name of work:- Annual repair and maintenance of Nerchowk Pandoh bypass road (Section of NH-21) Km. 198/145 to 203/500.
Sub Head:- Construction of drain at Km. 201/290 to 201/550.

Sr. No.	Description of Item	Qty	Rate		Unit	Amount
			In Figure	In words		
1	Earth work in excavation for structures for all kinds of soil as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts, carriage of material and other incidental complete in all respect as per direction of Engineer-in-Charge.	94.47 Cum	609.90	Rupees six hundred nine and paise ninety only	Per cubic metre	57617.00
2	Providing and laying concrete for plain/reinforced concrete mechanically mixed and vibrated in open foundations complete as per drawing and technical specification clauses 802.803.1202 & 1203. Plain cement concrete nominal mix 1:2:4 (one cement : two sand : four graded, crushed stone aggregate 20mm twenty millimetre) nominal size) curing complete within all leads, lifts carriage of material and other incidental complete in all respect as per direction and satisfaction of Engineer-in-Charge.	51.27 Cum	7788.25	Rupees thousand seven hundred eighty eight and paise twenty five only	Per cubic metre	399304.00
3	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etcetra as required in gratings, frames, guard bar, ladder, railings, brackets, gates and similar works complete in all respect including carriage of materials within all leads and lifts as per direction and satisfaction of Engineer-in-Charge	247.73 Kg	143.15	Rupees one hundred forty three and paise fifteen only	Per kilogram	35463.00
	Total					492384.00


 Executive Engineer,
 Mandi Division No.II
 H.P.P.W.D. Mandi,

%age Rate of SCHEDULE OF QUANTITY

Name of work:- A/R & M/O Residencial building under Mandi Division No.-II at Jail road Dist. Mandi H.P.
(SH:- Providing and fixing steel work & Polycarbonate transparent sheet works etc. (Block - E)

Estimated cost Rs. 3,20,175/-
Earnest Money Rs. 6,500/-
Time:- One month.

Sr. No.	Description of items.	Quantity	Rates		Unit	Amount
			Figure	Words		
1	2	3	4	5	6	7
1	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 complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	1092.26	164.45	Rupees One Hundred Sixty Four and Paise Forty Five Only	Per kilogram	1,79,622.00
2	Providing and fixing Ridges plain 500-600mm (five hundred to six hundred millimetre) precast galvanised steel sheet roofing accessories 0.50 mm (zero point five zero millimetre) + 0.05 % (plus zero point zero five percent) total coated thickness, Zinc coating 120 grams/sqm (one hundred twenty grams per square metre) as per IS: 277, in 240 mpa steel grade, 5-7 (five to seven) microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/self tapping screws complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	79.92	1740.5	Rupees One Thousand Seven Hundred Forty and Paise Fifty Only	Per Square Metre	1,39,101.00
3	Providing and fixing 0.63mm (zero point six three millimetre) thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 (twenty) microns over 5 (five) microns primer coating to back coat of polyester of 5 (five) microns over 5 (five) microns primer coating i/c fixing with prepainted iron J or L hooks, bolts and nuts 6mm dia metre with prepainted limpet and rubber washers complete with all accessories as required complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	2	270.60	Rupees Two Hundred Seventy and Paise Sixty Only	Each	541.00

4	Providing and fixing lining prepainted steel sheet for ceiling complete with all accessories as required complete with in all leads, lifts and carriage of material and other incidental as per direction, entire satisfaction of Engineer-in-charge.	1	910.80	Ruppes Nine Hundred Ten and Paise Eighty Only	Each	911.00
					Total	3,20,175.00


 Executive Engineer,
 Mandi Division No-II,
 HP PWD, Mandi