



Office of
EXECUTIVE ENGINEER (KULLU DIVISION)
H.P. PUBLIC WORKS DEPARTMENT, KULLU-175101
FAX: 01902-222571, E.mail. ee-kul2-hp@nic.in

No.PW/KD/EA-I/CB/Tender/2021-2022- 12/60-87

Dated:- 25/11/21

To

The Executive Engineer, I.T. Cell,
Nigam Bihar Shimla-2.

Subject:- Publishing of Notice inviting tender.

Enclosed please find herewith copies of notice inviting tender for the up loading on department website 06.12.2021 as per notification issued by Secretary (PW) to the Govt. of HP Shimla vide letter No.PBW (S)A(3)1/2020 dated 16.07.2021. As per works mentioned in the Tender Notice are urgent nature.

DA/As above.

**Executive Engineer,
Kullu Division,
HP. PWD, Kullu.**

Copy alongwith notice inviting tender is forwarded to the following for information and necessary action.

1. Engineer-in-Chief, HP.PWD, Shimla.
2. Chief Engineer, (MZ) HP.PWD, Mandi.
3. Superintending Engineer, 6th Circle HP.PWD, Kullu.
4. Supdt./DAO/HDM of this office.
5. Notice Board.

DA/Nil.

**Executive Engineer,
Kullu Division,
HP. PWD, Kullu.**

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

Executive Engineer, Kullu Division HP.PWD, Kullu for the following works on behalf of the Government of Himachal Pradesh from the eligible contractors enlisted in HP.PWD, so as to reach in the office as per time schedule given below:-

1	Date of receipt of application for tender form.	03.12.2021 upto 4:00 PM			
2	Date of issue/sale of tender form.	03.12.2021 upto 4:00 PM			
3	Date of receipt of tender.	06.12.2021 upto 10:30 PM			
4	Date of opening tender.	06.12.2021 upto 11:00 AM			
Sr. No.	Name of work	Estimated cost	Earnest money	Time limit	Cost of form
1	2	3	4	5	6
1	Shat Sub Division Construction of Green Tax Barrier at Suma Ropa on Bhunter Manikaran road Km. 1/610 to 35/110 (SH:- Construction of PCC Breast wall at RD 26/330 to 26/340).	4,69,013/-	9,400/-	Two months	350/-
2	Identified black spots on Trehan to Narogi road Km. 0/0 to 5/750 (SH:- Providing and erecting "W" metal beam at RD 4/0 to 4/160).	4,08,098/-	8,200/-	Two months	350/-
3	Improvement and M/T on Manikaran to Barshaini road Km. 0/0 to 14/270 (SH:- Providing and fixing "W" metal beam crash barrier railing at RD 5/440 to 5/569).	4,99,607/-	10,000/-	Two months	350/-
4	Improvement and M/T on Manikaran to Barshaini road Km. 0/0 to 14/270 (SH:- Providing and fixing "W" metal beam crash barrier railing at RD 5/569 to 5/650 and 6/520 to 6/568).	4,99,997/-	10,000/-	Two months	350/-
5	Improvement and M/T on Manikaran to Barshaini road Km. 0/0 to 14/270 (SH:- Providing and fixing "W" metal beam crash barrier railing at RD 6/568 to 6/697).	4,99,607/-	10,000/-	Two months	350/-
6	Improvement and M/T on Manikaran to Barshaini road Km. 0/0 to 14/270 (SH:- Providing and fixing "W" metal beam crash barrier railing at RD 6/697 to 6/826).	4,99,607/-	10,000/-	Two months	350/-
7	Improvement and M/T on Manikaran to Barshaini road Km. 0/0 to 14/270 (SH:- Providing and fixing "W" metal beam crash barrier railing at RD 6/826 to 6/850 and 7/440 to 7/545).	4,99,997/-	10,000/-	Two months	350/-
8	Improvement and M/T on Manikaran to Barshaini road Km. 0/0 to 14/270 (SH:- Providing and fixing "W" metal beam crash barrier railing at RD 7/545 to 7/674).	4,99,607/-	10,000/-	Two months	350/-
9	Improvement and M/T on Manikaran to Barshaini road Km. 0/0 to 14/270 (SH:- Providing and fixing "W" metal beam crash barrier railing at RD 7/674 to 7/780 and 7/950 to 7/973).	4,99,997/-	10,000/-	Two months	350/-
10	Improvement and M/T on Manikaran to Barshaini road Km. 0/0 to 14/270 (SH:- Providing and fixing "W" metal beam crash barrier railing at RD 7/973 to 8/080 and 8/800 to 8/822).	4,99,997/-	10,000/-	Two months	350/-
11	Improvement and M/T on Manikaran to Barshaini road Km. 0/0 to 14/270 (SH:- Providing and fixing "W" metal beam crash barrier railing at RD 8/822 to 8/951).	4,99,607/-	10,000/-	Two months	350/-
12	Improvement and M/T on Manikaran to Barshaini road Km. 0/0 to 14/270 (SH:- Providing and fixing "W" metal beam crash barrier railing at RD 8/951 to 9/080).	4,99,607/-	10,000/-	Two months	350/-
13	Improvement and M/T on Manikaran to Barshaini road Km. 0/0 to 14/270 (SH:- Providing and fixing "W" metal beam crash barrier railing at RD 9/080 to 9/100 and 10/400 to 10/509).	4,99,997/-	10,000/-	Two months	350/-
14	RRD ON Shat Jallugran road Km. 0/0 to 7/0 (SH:- C/o Retaining wall at RD 4/990 to 5/005).	3,26,218/-	6,500/-	Two months	350/-

15	RRD on Shat Jallugran road Km. 0/0 to 7/0 (SH:- C/O Retaining wall at RD 5/005 to 5/015).	2,56,586/-	5,200/-	Two months	350/-
16	Improvement of M/T on Manikaran to Barshaini road Km. 0/0 to 14/270 (SH:- Providing and fixing "W" metal beam crash barrier railing at RD 10/509 to 10/638).	4,99,607/-	10,000/-	Two months	350/-
17	Improvement of identified black spots by providing correction measure on Shat Jallugran road Km. 0/0 to 7/0 (SH:- P/F W-metal beam crash barrier railing from RD 3/850 to 3/970 and PCC edge wall from RD 3/930 to 3/945).	3,32,454/-	6,700/-	Two months	350/-
18	Improvement of identified black spots by providing corrective measure on Shat Jallugran road Km. 0/0 to 7/0 (SH:- P/F W-metal beam crash barrier railing from RD 3/700 to 3/850 and PCC edge wall from RD 3/760 to 3/810).	4,92,905/-	10,000/-	Two months	350/-
19	Construction of Bridge over Tosh Nallah (SH:- C/O wire crated retaining wall in approaches).	4,33,204/-	9,000/-	Two months	350/-
20	Restoration of rain damages on Manikaran Barshani road Km. 0/0 to 12/00 (SH:- C/O PCC R/wall at RD 7/630 to 7/641).	4,99,761/-	10,000/-	Two months	350/-
21	Balance work of improvement & Metalling tarring on Manikaran to Barsahini road Km. 0/0 to 12/120 (SH:- Providing G-III and priming coat with B.M. Km. 8/0 to 8/500).	4,96,027/-	10,000/-	Two months	350/-
22	Balance work of Improvement & Metalling tarring on Manikaran to Barshaini road Km. 0/0 to 12/120 (SH:- Providing G-III and priming coat with B.M. Km. 8/500 to 9/0).	4,97,094/-	10,000/-	Two months	350/-
23	Balance work of Improvement and Metalling tarring on Manikaran to Barshaini road Km. 0/0 to 12/120 (SH:- Providing G-III and priming coat with B.M. Km. 9/0 to 9/500).	4,97,566/-	10,000/-	Two months	350/-
24	Balance work of Improvement and Metalling tarring on Barshaini road Km. 0/0 to 12/120 (SH:- Providing G-III and priming coat with B.M. Km. 9/500 to 10/0).	4,95,004/-	10,000/-	Two months	350/-
25	Balance work of Improvement & Metalling tarring on Manikaran to Barshaini road Km. 0/0 to 12/120 (SH:- Providing G-III and priming coat with B.M. Km. 10/0 to 10/500).	4,96,542/-	10,000/-	Two months	350/-
26	Balance work of Improvement & Metalling tarring on Manikaran to Barshaini road Km. 0/0 to 12/120 (SH:- Providing G-III and priming coat with B.M. Km. 10/500 to 11/0).	4,97,113/-	10,000/-	Two months	350/-
27	Balance work of Improvement & Metalling tarring on Manikaran to Barshaini road Km. 0/0 to 12/120 (SH:- Providing G-III and priming coat with B.M. 11/0 to 11/500).	4,95,301/-	10,000/-	Two months	350/-
28	Balance work of Improvement & Metalling tarring on Manikaran to Barshaini road Km. 0/0 to 12/120 (SH:- Providing G-III priming coat with B.M. Km. 11/500 to 12/0).	4,96,751/-	10,000/-	Two months	350/-
29	Kullu Sub Division Construction of link road to village Suma Km. 0/0 to 0/800 (SH:- Construction of wire crated retaining wall at RD 0/127.50 to 0/150).	2,04,187/-	4,100/-	Two months	350/-
30	A/R and M/O General Pooled accommodation (SH:- Dismantling WC and Bathroom, providing and laying tiles, painting, distempering and steel stair for slab in CJM L&S near Gandhi Naggar Kullu).	2,76,080/-	5,500/-	Two months	350/-
31	A/R and M/O EE residence near Kalakendra (SH:- Dismantling tiled floor, P/L ceramic tiles, bathroom, fittings, P/F CB polycaronted sheet fancing paneling etc.).	4,25,242/-	8,500/-	Two months	350/-
32	Restoration of rain damages on Nagujhor Thach Mashna road Km. 0/0 to 10/500 (SH:- C/O R/wall at RD 6/980 to 7/0).	2,41,611/-	4,800/-	Two months	350/-
33	Restoration to rain damages on Darka to Bhumteer road Km. 0/0 to 7/500 (SH:- Construction of B/wall at RD 1/600 to 1/610).	2,21,601/-	4,400/-	Two months	350/-

34	Restoration of rain damages on Darka Bhumteer road Km. 0/0 to 7/500 (SH:- Construction of Retaining wall at RD 3/450 to 3/458).	2,12,713/-	4,300/-	Two months	350/-
35	Restoration of rain damages on Kullu Karon road Km. 0/0 to 15/0 (SH:- Construction of R/wall at RD 0/964 to 0/979).	2,77,077/-	5,500/-	Two months	350/-
36	Special repair of Taxi Stand at Dhalpur Kullu (SH:- Providing and laying BM and BC) Job No.1.	4,92,998/-	10,000/-	One month	350/-

It is certified that the above works are required to be carried out immediately being emergent nature of work in public interest.

The tender documents shall be issued only to those contractor/firm who fulfill the following documents with the application.

1	The valid enlistment/Registration of contractor in Appropriate Class.
2	Permanent account No.(PAN No.).
3	G.S.T. No.
4	Earnest Money in the shape of National Saving certificate/time deposit account in the any of the post office in HP F.D.R. from any Nationalized Bank duly pleaded in favour of the Executive Engineer, Kullu Division HP.PWD, Kullu.
5	The earnest & cost of tender form for the above works should be submitted with the application for the purchase of the tender form. The application received without earnest money & cost of tender form shall summarily be rejected.
6	The officer of the tender shall remain valid upto 90 days after the opening of tender.
7	Ambiguous/telephonic conditional tenders of tender by fax/E-mail not be considered and will be summarily be rejected.
8	Executive Engineer, reserve the right to reject or cancel any or all tenders without assigning any reasons.
9	If the date given above happens to be holiday the same shall be processed on next working day.
10	The contractor/firm must quote their rates in words as well as in figures failing which XEN reserve the right to accept/reject any or all tenders.
11	The tender forms shall not be issued to those contractors/firms whose previous performance is not found satisfactory and who have not executed the previous awarded works within the stipulated period of completion.
12	One contractor shall not have more than two major works in hand at a time.
13	Work should be completed by the contractor within stipulated period.

**Executive Engineer,
Kullu Division,
HP.PWD,Kullu.**

No.PW/KD/EA-I/CB/Tender/2021-2022-

12108-12298

Dated: 25/11/21

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

1. Engineer-in-Chief, HP.PWD, Shimla.
2. Chief Engineer, (MZ) HP.PWD, Mandi.
3. Superintending Engineer, 6th Circle HP.PWD, Kullu.
4. All the Executive Engineers, in HP.PWD,.
5. All the Assistant Engineers, working under this Division.
6. All the registered contractors, in HP.PWD.
7. Supdt./DA/HDM of this office.
8. Notice Board.

**Executive Engineer,
Kullu Division,
HP.PWD,Kullu.**

DRAFT SCHEDULE OF QUANTITY

Name of work:- Construction of Green Tax Barrier at Suma Ropa on Bhunter Manikaran road Km. 1/610 to 35/110 (SH:- Construction of PCC Breast wall at RD .26/330 to 26/340)

Estimated cost:-4,69,013.00
Earnest money :- 9,400.00

Time :- Two months

Sr. No.	Description	Qty	Figure	Words	Unit	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 within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	67.65	131.05	Rupees One hundred thirty one and paisa zero five only	Per cubic metre	8866
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding any width or 10 (Ten) Square metre on plan), including dressing of sides and ramming of bottoms, any lift , including getting out the excavated soil and disposal of surplus excavated soil as directed, within any lead all kinds of soil within all leads and lift of materials and as per direction of Engineer-in-charge.	17.55	171.40	Rupees One hundred Seventy one and paisa forty only	Per cubic metre	3008
3	Centering and shuttering including strutting, propping etc. and removal of form work for Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	94.25	411.15	Rupees Four hundred eleven and paise fifteen only	Per square metre	38751

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DRAFT SCHEDULE OF QUANTITY

Name of work:- Identified black spots on Trehan to Narogi road Km. 0/0 to 5/750
(SH:- Providing and erecting "V" metal beam at RD. 4/0 to 4/160)

Estimated cost:-4,08,098.00
Earnest money :- 8,200.00
Time :- Two months

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	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 any lead ,dressing of sides and bottom and back filling in trenches with excavated suitable material within all leads and lift of materials and as per direction of Engineer-in- charge.	18.04	128.15	Rupees One hundred twenty eight and paisa fifteen only	Per cubic metre	2312
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clause 802, 803 , 1202 ,1203PCC Grade M-20(Nominal Mix 1:2:4 (One cement : Two sand : Four graded stone aggregate) within all leads and lift including carriage of materials and as per direction of Engineer-in- charge.	18.04	3424.50	Rupees Three thousand four hundred twenty four and paise fifty only	Per cubic metre	61778
3	Providing and erecting a "V" metal beam crash barrier comprising of 3 mm (Three millimetre) thick corrugated sheet metal beam rail to be kept 70 cm(Seventy centimeter) above road/ ground level, fixed on ISMC series channel vertical post, 150x 75x5mm (One hundred fifty into seventy five into five millimetre) to be spaced 2cm (Two centimeter) centre to centre to be kept 1.80m (One point eighty metre) high and to be kept 1.10 mtr. (one point one zero meter) below ground/ road level. All steel parts and fitments to be galvanized by hot dip process. All fittings to conform to IS: 1367 and IS 1364 as amended upto date metal beam to be fixed on the vertical post with a space of channel section 150x 75x 5mm, 330mm(One hundred fifty into seventy five into five millimetre comma three hundred thirty millimetre) long complete as per clause 810 conforming to MORTH (ministry of road transport and highway) specification (Latest revision) including all fittings required for erection at road site of materials within all leads and lift including carriage of materials and as per direction of Engineer-in- charge.	160.00	2150.05	Rupees Two thousand One hundred fifty and paise zero five only	Per Running metre	344008
	Total					408098

Draft Schedule of Quantity approved for Rs 408098/only

Executive Engineer,
Kailu Division,
HP,PWD Kulu

DRAFT SCHEDULE OF QUANTITY

Name of work:- Improvement and M/T on Manikaran to Barshani road Km. 0/0 to 14/270
(SH:- Providing and fixing W-metal beam crash barrier railing at RD. 5/440 to 5/569)

Estimated cost:-4,99,607.00
Earnest money :- 10,000.00
Time :- Two months

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	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 any lead ,dressing of sides and bottom and back filling in trenches with excavated suitable material within all leads and lift of materials and as per direction of Engineer-in-charge.	8.76	361.95	Rupees Three hundred sixty one and paise ninety five only	Per cubic metre	3171
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clause 800, 1205.4 and 1205.5 PCC Grade M-20(Nominal Mix 1:2:4 (One cement : Two sand : Four graded stone aggregate) within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	8.66	8567.35	Rupees Eight thousand five hundred sixty seven & paise thirty five only	Per cubic metre	74193
3	Providing and erecting a "V" metal beam crash barrier comprising of 3 mm (Three millimetre) thick corrugated sheet metal beam rail to be kept 70 cm(Seventy centimeter) above road/ground level, fixed on ISMC series channel vertical post, 150x 75x5mm (One hundred fifty into seventy five into five millimetre) to be spaced 2cm (Two centimeter) centre to centre to be kept 1.80m (One point eighty metre) high and to be kept 1.10 mtr. (one point one zero meter) below ground/ road level. All steel parts and fitments to be galvanized by hot dip process. All fittings to conform to IS: 1367 and IS 1364 as amended upto date metal beam to be fixed on the vertical post with a space of channel section 150x 75x 5mm, 330mm(One hundred fifty into seventy five into five millimetre comma three hundred thirty millimetre) long complete as per clause 810 including all fittings required for erection at road site of materials within all leads & lift including carriage of materials & as per direction of Engineer-in-charge.	129.00	3273.20	Rupees Three thousand two hundred thirty three and paise twenty only	Per Running metre	422243
Total						499607

Draft Schedule of quantity approved for ₹ 4,99,607/- only

Executive Engineer,
Kullu Division
HP, PWD Kullu

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DRAFT SCHEDULE OF QUANTITY

Name of work:- Improvement and M/T on Manikaran to Barshani road Km. 0/0 to 14/270
(SH:- Providing and fixing W-metal beam crash barrier railing at RD. 5/569 to 5/650 and 6/520 to 6/568)

Estimated cost:-4,99,997.00
Earnest money :- 10,000.00
Time :- Two months

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	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 any lead, dressing of sides and bottom and back filling in trenches with excavated suitable material within all leads and lift of materials and as per direction of Engineer-in-charge.	8.89	361.95	Rupees Three hundred sixty one and paise ninety five only	Per cubic metre	3218
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clause 800, 1205.4 and 1205.5 PCC Grade M-20(Nominal Mix 1:2:4 (One cement : Two sand : Four graded stone aggregate) within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	8.70	8567.35	Rupees Eight thousand five hundred sixty seven & paise thirty five only	Per cubic metre	74536
3	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm (Three millimetre) thick corrugated sheet metal beam rail to be kept 70 cm(Seventy centimeter) above road/ground level, fixed on ISMC series channel vertical post, 150x 75x5mm (One hundred fifty be kept 1.80m (One point eighty metre) high and to be kept 1.10 mtr. (one point one zero meter) below ground/ road level. All steel parts and fittings to be galvanized by hot dip process. All fittings to conform to IS: 1367 and IS 1364 as amended upto date metal beam to be fixed on the vertical post with a space of channel section 150x 75x 5mm, 330mm(One hundred fifty into seventy five into five millimetre comma three hundred thirty millimetre) long complete as per clause 810 including all fittings required for erection at road site of materials within all leads & lift including carriage of materials & as per direction of Engineer-in-charge.	129.00	3273.20	Rupees Three thousand two hundred thirty three and paise twenty only	Per Running metre	422243
Total						499997

Draft schedule of quantity approved for ₹ 4,99,997/- only

Executive Engineer,
Kullu Division
HP, PWD Kullu

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DRAFT SCHEDULE OF QUANTITY

Name of work:- Improvement and M/T on Manikaran to Barshani road Km. 0/0 to 14/270
(SH:- Providing and fixing W-metal beam crash barrier railing at RD. 6/568 to 6/697)

Estimated cost:-4,99,607.00
Earnest money :- 10,000.00
Time :- Two months

Sr. No.	Description	Qty	Figure	Words	Unit	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 slumps and other deleterious material and disposal upto any lead, dressing of sides and bottom and back filling in trenches with excavated suitable material within all leads and lift of materials and as per direction of Engineer-in-charge.	8.76	361.95	Rupees Three hundred sixty one and paise ninety five only	Per cubic metre	3171
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clause 800, 1205.4 and 1205.5 PCC Grade M-20(Nominal Mix 1:2:4 (One cement : Two sand : Four graded stone aggregate) within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	8.66	8567.35	Rupees Eight thousand five hundred sixty seven & paise thirty five only	Per cubic metre	74193
3	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm (Three millimetre) thick corrugated sheet metal beam rail to be kept 70 cm(Seventy centimeter) above road/ground level, fixed on ISMC series channel vertical post, 150x 75x5mm (One hundred fifty be kept 1.80m (One point eighty metre) high and to be kept 1.10 mtr. (one point one zero meter) below ground/ road level. All steel parts and fittings to be galvanized by hot dip process. All fittings to conform to IS: 1367 and IS 1364 as amended upto date metal beam to be fixed on the vertical post with a space of channel section 150x 75x 5mm, 330mm(One hundred fifty into seventy five into five millimetre comma three hundred thirty millimetre) long complete as per clause 810 including all fittings required for erection at road site of materials within all leads & lift including carriage of materials & as per direction of Engineer-in-charge.	129.00	3273.20	Rupees Three thousand two hundred thirty three and paise twenty only	Per Running metre	422243
Total						499607

Draft schedule of quantity approved for ₹ 4,99,607/- only.

Executive Engineer,
Kullu Division,
HP PWD Kullu

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DRAFT SCHEDULE OF QUANTITY

Name of work:- Improvement and M/T on Manikaran to Barshani road Km. 0/0 to 14/270
(Sh:- Providing and fixing W-metal beam crash barrier railing at RD. 6/697 to 6/826)

Estimated cost:-4,99,607.00
Earnest money :- 10,000.00
Time :- Two months

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	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 any lead ,dressing of sides and bottom and back filling in trenches with excavated suitable material within all leads and lift of materials and as per direction of Engineer-in- charge.	8.76	361.95	Rupees Three hundred sixty one and paise ninety five only	Per cubic metre	3171
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clause 800, 1205.4 and 1205.5 PCC Grade M-20(Nominal Mix 1:2:4 (One cement : Two sand : Four graded stone aggregate) within all leads and lift including carriage of materials and as per direction of Engineer-in- charge.	8.66	8567.35	Rupees Eight thousand five hundred sixty seven & paise thirty five only	Per cubic metre	74193
3	Providing and erecting a "V" metal beam crash barrier comprising of 3 mm (Three millimetre) thick corrugated sheet metal beam rail to be kept 70 cm(Seventy centimeter) above road/ ground level, fixed on ISMC series channel vertical post, 150x 75x5mm (One hundred fifty into seventy five into five millimetre) to be spaced 2cm (Two centimeter) centre to centre to be kept 1.80m (One point eighty metre) high and to be kept 1.10 mtr. (one point one zero meter) below ground/ road level. All steel parts and fittings to be galvanized by hot dip process. All fittings to conform to IS: 1367 and IS 1364 as amended upto date metal beam to be fixed on the vertical post with a space of channel section 150x 75x 5mm, 330mm(One hundred fifty into seventy five into five millimetre comma three hundred thirty millimetre) long complete as per clause 810 including all fittings required for erection at road site of materials within all leads & lift including carriage of materials & as per direction of Engineer-in- charge.	129.00	3273.20	Rupees Three thousand two hundred thirty three and paise twenty only	Per Running metre	422243
	Total					499607

Draft schedule of quantity approved for ₹ 4,99,607/- only

Executive Engineer,
Kullu Division
HP. PWD Kullu

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DRAFT SCHEDULE OF QUANTITY

Name of work:- Improvement and MT on Manikaran to Barshani road Km. 0/0 to 14/270
(SH:- Providing and fixing W-metal beam crash barrier railing at RD. 6/826 to 6/850 and 7/440 to 7/545)

Estimated cost:-4,99,997.00
Earnest money :- 10,000.00
Time :- Two months

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	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 any lead, dressing of sides and bottom and back filling in trenches with excavated suitable material within all leads and lift of materials and as per direction of Engineer-in-charge.	8.89	361.95	Rupees Three hundred sixty one and paise ninety five only	Per cubic metre	3218
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clause 800, 1205.4 and 1205.5 PCC Grade M-20(Nominal Mix 1:2:4 (One cement : Two sand : Four graded stone aggregate) within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	8.70	8567.35	Rupees Eight thousand five hundred sixty seven & paise thirty five only	Per cubic metre	74536
3	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm (Three millimetre) thick corrugated sheet metal beam rail to be kept 70 cm(Seventy centimeter) above road/ground level, fixed on ISMC series channel vertical post, 150x 75x5mm (One hundred fifty be kept 1.80m (One point eighty metre) high and to be kept 1.10 mtr. (one point one zero meter) below ground/ road level. All steel parts and fittings to be galvanized by hot dip process. All fittings to conform to IS: 1367 and IS 1364 as amended upto date metal beam to be fixed on the vertical post with a space of channel section 150x 75x 5mm, 330mm(One hundred fifty into seventy five into five millimetre comma three hundred thirty millimetre) long complete as per clause 810 including all fittings required for erection at road site of materials within all leads & lift including carriage of materials & as per direction of Engineer-in-charge.	129.00	3273.20	Rupees Three thousand two hundred thirty three and paise twenty only	Per Running metre	422243
Total						499997

Draft schedule of quantity approved for ₹ 4,99,997/- only

Executive Engineer,
Kullu Division,
HP, PWD Kullu

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DRAFT SCHEDULE OF QUANTITY

Name of work:- Improvement and MT on Manikaran to Barshani road Km. 0/0 to 14/270
(SH:- Providing and fixing W-metal beam crash barrier railing at RD. 7/545 to 7/674)

Estimated cost:-4,99,607.00
Earnest money :- 10,000.00
Time :- Two months

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	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 any lead ,dressing of sides and bottom and back filling in trenches with excavated suitable material within all leads and lift of materials and as per direction of Engineer-in- charge.	8.76	361.95	Rupees Three hundred sixty one and paise ninety five only	Per cubic metre	3171
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clause 800, 1205.4 and 1205.5 PCC Grade M-20(Nominal Mix 1:2:4 (One cement : Two sand : Four graded stone aggregate) within all leads and lift including cartage of materials and as per direction of Engineer-in- charge.	8.66	8567.35	Rupees Eight thousand five hundred sixty seven & paise thirty five only	Per cubic metre	74193
3	Providing and erecting a "V" metal beam crash barrier comprising of 3 mm (Three millimetre) thick corrugated sheet metal beam rail to be kept 70 cm(Seventy centimeter) above road/ ground level, fixed on ISMC series channel vertical post, 150x 75x5mm (One hundred fifty into seventy five into five millimetre) to be spaced 2cm (Two centimeter) centre to centre to be kept 1.80m (One point eighty metre) high and to be kept 1.10 mtr. (one point one zero meter) below ground/ road level. All steel parts and filaments to be galvanized by hot dip process. All fittings to conform to IS: 1367 and IS 1364 as amended upto date metal beam to be fixed on the vertical post with a space of channel section 150x 75x 5mm, 330mm(One hundred fifty into seventy five into five millimetre comma three hundred thirty millimetre) long complete as per clause 810 including all fittings required for erection at road site of materials within all leads & lift including cartage of materials & as per direction of Engineer-in- charge.	129.00	3273.20	Rupees Three thousand two hundred thirty three and paise twenty only	Per Running metre	422243
					Total	499607

Executive Engineer,
Kullu Division,
HP, PWD Kullu

DRAFT SCHEDULE OF QUANTITY

Name of work:- Improvement and M/T on Manikaran to Barshani road Km. 0/0 to 14/270
(SHT- Providing and fixing W-metal beam crash barrier railing at RD. 7/674 to 7/780 and 7/950 to 7/973)

Estimated cost:-4,99,997.00
Earnest money :- 10,000.00
Time :- Two months

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	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 any lead, dressing of sides and bottom and back filling in trenches with excavated suitable material within all leads and lift of materials and as per direction of Engineer-in-charge.	8.89	361.95	Rupees Three hundred sixty one and paise ninety five only	Per cubic metre	3218
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clause 800, 1205.4 and 1205.5 PCC Grade M-20(Nominal Mix 1:2:4 (One cement : Two sand : Four graded stone aggregate) within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	8.70	8567.35	Rupees Eight thousand five hundred sixty seven & paise thirty five only	Per cubic metre	74536
3	Providing and erecting a "V" metal beam crash barrier comprising of 3 mm (Three millimetre) thick corrugated sheet metal beam rail to be kept 70 cm(Seventy centimeter) above road/ground level, fixed on ISMC series channel vertical post, 150x 75x5mm (One hundred fifty into seventy five into five millimetre) to be spaced 2cm (Two centimeter) centre to centre to be kept 1.80m (One point eighty metre) high and to be kept 1.10 mtr. (one point one zero meter) below ground/ road level. All steel parts and fittings to be galvanized by hot dip process. All fittings to conform to IS: 1367 and IS 1364 as amended upto date metal beam to be fixed on the vertical post with a space of channel section 150x 75x 5mm, 330mm(One hundred fifty into seventy five into five millimetre comma three hundred thirty millimetre) long complete as per clause 810 including all fittings required for erection at road site of materials within all leads & lift including carriage of materials & as per direction of Engineer-in-charge.	129.00	3273.20	Rupees Three thousand two hundred thirty three and paise twenty only	Per Running metre	422243
Total						499997

Draft schedule of quantity approved for ₹ 4,99,997/- only

Executive Engineer,
Kullu Division,
HP PWD Kullu

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DRAFT SCHEDULE OF QUANTITY

Name of work:- Improvement and MT on Manikaran to Barshani road Km. 0/0 to 14/270
(Sht:- Providing and fixing W-metal beam crash barrier railing at RD. 7/973 to 8/080 and 8/800 to 8/822)

Estimated cost:-4,99,997.00
Earnest money :- 10,000.00
Time :- Two months

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Sr. No.	Description	Qty	Figure	Rate in Words	Unit	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 any lead, dressing of sides and bottom and back filling in trenches with excavated suitable material within all leads and lift of materials and as per direction of Engineer-in- charge.	8.89	361.95	Rupees Three hundred sixty one and paise ninety five only	Per cubic metre	3218
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clause 800, 1205.4 and 1205.5 PCC Grade M-20(Nominal Mix 1:2:4 (One cement : Two sand : Four graded stone aggregate) within all leads and lift including carriage of materials and as per direction of Engineer-in- charge.	8.70	8567.35	Rupees Eight thousand five hundred sixty seven & paise thirty five only	Per cubic metre	74536
3	Providing and erecting a "V" metal beam crash barrier comprising of 3 mm (Three millimetre) thick corrugated sheet metal beam rail to be kept 70 cm(Seventy centimeter) above road/ ground level, fixed on ISMC series channel vertical post, 150x 75x5mm (One hundred fifty into seventy five into five millimetre) to be spaced 2cm (Two centimeter) centre to centre to be kept 1.80m (One point eight metre) high and to be kept 1.10 mtr. (one point one zero meter) below ground/ road level. All steel parts and filaments to be galvanized by hot dip process. All fittings to conform to IS: 1367 and IS 1364 as amended upto date metal beam to be fixed on the vertical post with a space of channel section 150x 75x 5mm, 330mm(One hundred fifty into seventy five into five millimetre comma three hundred thirty millimetre) long complete as per clause 810 including all fittings required for erection at road site of materials within all leads & lift including carriage of materials & as per direction of Engineer-in- charge.	129.00	3273.20	Rupees Three thousand two hundred thirty three and paise twenty only	Per Running metre	422243
Total						499997

Draft schedule of quantity approved for ₹ 4,99,997/- only

Executive Engineer,
Kullu Division,
HP, PWD Kullu

DRAFT SCHEDULE OF QUANTITY

Name of work:- Improvement and M/T on Manikaran to Barshani road Km. 0/0 to 14/270
(SH:- Providing and fixing W-metal beam crash barrier railing at RD. 8/822 to 8/951)

Estimated cost:-4,99,607.00
Earnest money :- 10,000.00
Time :- Two months

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Sr. No.	Description	Qty	Figure	Rate in Words	Unit	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 any lead, dressing of sides and bottom and back filling in trenches with excavated suitable material within all leads and lift of materials and as per direction of Engineer-in-charge.	8.76	361.95	Rupees Three hundred sixty one and paise ninety five only	Per cubic metre	3171
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clause 800, 1205.4 and 1205.5 PCC Grade M-20(Nominal Mix 1:2:4 (One cement : Two sand : Four graded stone aggregate) within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	8.66	8567.35	Rupees Eight thousand five hundred sixty seven & paise thirty five only	Per cubic metre	74193
3	Providing and erecting a "V" metal beam crash barrier comprising of 3 mm (Three millimetre) thick corrugated sheet metal beam rail to be kept 70 cm(Seventy centimeter) above road/ground level, fixed on ISMC series channel vertical post, 150x 75x5mm (One hundred fifty into seventy five into five millimetre) to be spaced 2cm (Two centimeter) centre to centre to be kept 1.80m (One point eighty metre) high and to be kept 1.10 mtr. (one point one zero meter) below ground/ road level. All steel parts and filaments to be galvanized by hot dip process. All fittings to conform to IS: 1367 and IS 1364 as amended upto date metal beam to be fixed on the vertical post with a space of channel section 150x 75x 5mm, 330mm(One hundred fifty into seventy five into five millimetre comma three hundred thirty millimetre) long complete as per clause 810 including all fittings required for erection at road site of materials within all leads & lift including carriage of materials & as per direction of Engineer-in-charge.	129.00	3273.20	Rupees Three thousand two hundred thirty three and paise twenty only	Per Running metre	422243
Total						499607

Draft Schedule of quantity approved for ₹ 4,99,607/- only

Executive Engineer,
Kullu Division,
HP/PWD Kullu

DRAFT SCHEDULE OF QUANTITY

Name of work:- Improvement and M/T on Manikaran to Barshani road Km. 0/0 to 14/270
(SH:- Providing and fixing W-metal beam crash barrier railing at RD. 8/951 to 9/080)

Estimated cost:-4,99,607.00
Earnest money :- 10,000.00
Time :- Two months

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Sr. No.	Description	Qty	Figure	Rate in Words	Unit	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 any lead, dressing of sides and bottom and back filling in trenches with excavated suitable material within all leads and lift of materials and as per direction of Engineer-in-charge.	8.76	361.95	Rupees Three hundred sixty one and paise ninety five only	Per cubic metre	3171
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clause 800, 1205.4 and 1205.5 PCC Grade M-20 (Nominal Mix 1:2:4 (One cement : Two sand : Four graded stone aggregate) within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	8.66	8567.35	Rupees Eight thousand five hundred sixty seven & paise thirty five only	Per cubic metre	74193
3	Providing and erecting a "V" metal beam crash barrier comprising of 3 mm (Three millimetre) thick corrugated sheet metal beam rail to be kept 70 cm (Seventy centimeter) above road/ground level, fixed on ISMC series channel vertical post, 150x 75x5mm (One hundred fifty into seventy five into five millimetre) to be spaced 2cm (Two centimeter) centre to centre to be kept 1.80m (One point eighty metre) high and to be kept 1.10 mtr. (one point one zero meter) below ground/ road level. All steel parts and fittings to be galvanized by hot dip process. All fittings to conform to IS: 1367 and IS 1364 as amended upto date metal beam to be fixed on the vertical post with a space of channel section 150x 75x 5mm, 330mm (One hundred fifty into seventy five into five millimetre comma three hundred thirty millimetre) long complete as per clause 810 including all fittings required for erection at road site of materials within all leads & lift including carriage of materials & as per direction of Engineer-in-charge.	129.00	3273.20	Rupees Three thousand two hundred thirty three and paise twenty only	Per Running metre	422243
					Total	499607

Draft Schedule of quantity approved for ₹ 4,99,997/- only

Executive Engineer,
Kullu Division
HP/RWD Kullu

DRAFT SCHEDULE OF QUANTITY

Name of work:- Improvement and MT on Manikaran to Barshani road Km. 0/0 to 14/270
(SH:- Providing and fixing W-metal beam crash barrier railing at RD. 9/080 to 9/100 and 10/400 to 10/509)

Estimated cost:-4,99,997.00
Earnest money :- 10,000.00
Time :- Two months

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Sr. No.	Description	Qty	Figure	Rate in Words	Unit	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 any lead, dressing of sides and bottom and back filling in trenches with excavated suitable material within all leads and lift of materials and as per direction of Engineer-in-charge.	8.89	361.95	Rupees Three hundred sixty one and paise ninety five only	Per cubic metre	3218
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clause 800, 1205.4 and 1205.5 PCC Grade M-20(Nominal Mix 1:2:4 (One cement : Two sand : Four graded stone aggregate) within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	8.70	8567.35	Rupees Eight thousand five hundred sixty seven & paise thirty five only	Per cubic metre	74536
3	Providing and erecting a "V" metal beam crash barrier comprising of 3 mm (Three millimetre) thick corrugated sheet metal beam rail to be kept 70 cm(Seventy centimeter) above road/ground level, fixed on ISMC series channel vertical post, 150x 75x5mm (One hundred fifty into seventy five into five millimetre) to be spaced 2cm (Two centimeter) centre to centre to be kept 1.80m (One point eighty metre) high and to be kept 1.10 mtr. (one point one zero meter) below ground/ road level. All steel parts and fittings to be galvanized by hot dip process. All fittings to conform to IS: 1367 and IS 1364 as amended upto date metal beam to be fixed on the vertical post with a space of channel section 150x 75x 5mm, 330mm(One hundred fifty into seventy five into five millimetre comma three hundred thirty millimetre) long complete as per clause 810 including all fittings required for erection at road site of materials within all leads & lift including carriage of materials & as per direction of Engineer-in-charge.	129.00	3273.20	Rupees Three thousand two hundred thirty three and paise twenty only	Per Running metre	422243
Total						499997

Draft schedule of quantity approved for ₹ 4,99,997/- only

Executive Engineer,
Kullu Division,
HP PWD Kullu

[Signature]

DRAFT SCHEDULE OF QUANTITY

Name of work:- RRD on Shat Jallugran road Km. 0/0 to 7/0 (SH:- C/O Retaining wall at RD.4/990 to 5/005)

Estimated cost:- Rs. 3,26,218.00
Earnest money :- Rs. 6,500.00
Time :- Two months.

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	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 any lead, dressing of sides and bottom and back filling in trenches with excavated suitable material within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	95.78	128.15	Rupees One hundred twenty eight and paise fifteen only	Per cubic metre	12274
2	Providing concrete for plain/ reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 and 1203 PCC grade M-10 nominal mix 1:3:6 (One cement : Three sand : Six graded stone aggregate) within all leads and lift including carriage of materials in all respect and as per direction of Engineer-in-charge.	45.90	2928.35	Rupees Two thousand nine hundred twenty eight and paise thirty five only	Per cubic metre	134411
3	Providing and laying concrete for plain/ reinforced concrete 1:4:8 (One cement :Four sand : eight graded stone aggregate 40mm (Forty millimetre nominal size) in open foundations complete as per drawing and technical specification clause 802,803,1202 and 1203. within all leads and lift of materials and as per direction of Engineer-in-charge.	6.45	2346.15	Rupees two thousand three hundred forty six and paise fifteen only	Per cubic metre	15132
4	Stone masonry work in cement mortar for sub structure complete as per drawing and technical specifications clause 702,704,1202 and 1204 Random rubble masonry in cement mortar 1:6 (One cement : Six sand) within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	42.96	2084.90	Rupees Two thousand eighty four and paise ninety only	Per cubic metre	89567
5	Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etc. for sub structure complete as per drawing and technical specification clause 704.6 & 1302.5 within all leads and lift of materials and as per direction of Engineer-in-charge.	50.39	1326.05	Rupees One thousand three hundred twenty six and paise zero five only	Per cubic metre	66820
6	Back filling behind abutment, wing wall and return wall complete as per drawing and technical specification clause 1204.3.8 Granular material. within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	16.65	481.30	Rupees Four hundred eighty one and paise thirty only	Per cubic metre	8014
					Total	326218

Eng. Schedule of quantity checked and approved for Rs 3,26,218/- only

Executive Engineer,
Kullu Division,
H.P. PWD Kullu

DRAFT SCHEDULE OF QUANTITY

Name of work:- RRD on Shat Jallugran road Km. 0/0 to 7/0 (SH:- C/O Retaining wall at RD.5/005 to 5/015)

Estimated cost:- Rs. 2,56,586.00
Earnest money :- Rs. 5,200.00
Time :- Two months.

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	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 any lead, dressing of sides and bottom and back filling in trenches with excavated suitable material within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	64.90	128.15	Rupees One hundred twenty eight and paise fifteen only	Per cubic metre	8317
2	Providing concrete for plain/ reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 and 1203 PCC grade M-10 nominal mix 1:3:6 (One cement : Three sand : Six graded stone aggregate) within all leads and lift including carriage of materials in all respect and as per direction of Engineer-in-charge.	34.00	2928.35	Rupees Two thousand nine hundred twenty eight and paise thirty five only	Per cubic metre	99564
3	Providing and laying concrete for plain/ reinforced concrete 1:4:8 (One cement :Four sand : eight graded stone aggregate 40mm (Forty millimetre nominal size) in open foundations complete as per drawing and technical specification clause 802,803,1202 and 1203. within all leads and lift of materials and as per direction of Engineer-in-charge.	4.70	2346.15	Rupees two thousand three hundred forty six and paise fifteen only	Per cubic metre	11027
4	Stone masonry work in cement mortar for sub structure complete as per drawing and technical specifications clause 702,704,1202 and 1204 Random rubble masonry in cement mortar 1:6 (One cement : Six sand) within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	34.28	2084.90	Rupees Two thousand eighty four and paise ninety only	Per cubic metre	71470
5	Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etc. for sub structure and super structure complete as per drawing and technical specification clause 704.6 & 1302.5 within all leads and lift of materials and as per direction of Engineer-in-charge.	45.90	1326.05	Rupees One thousand three hundred twenty six and paise zero five only	Per cubic metre	60866
6	Back filling behind abutment, wing wall and return wall complete as per drawing and technical specification clause 1204.3.8 Granular material. within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	11.10	481.30	Rupees Four hundred eighty one and paise thirty only	Per cubic metre	5342
Total						256586

Draft Schedule of quantity checked and approved for Rs 2,56,586/- only

Executive Engineer,
Kullu Division,
HPPWD Kullu

May 2015

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DRAFT SCHEDULE OF QUANTITY

Estimated cost:-4,99,607.00
Earnest money :- 10,000.00
Time :- Two months

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Name of work:- Improvement and M/T on Manikaran to Barshani road Km. 0/0 to 14/270
(SH:- Providing and fixing W-metal beam crash barrier railing at RD. 10/509 to 10/638)

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	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 any lead ,dressing of sides and bottom and back filling in trenches with excavated suitable material within all leads and lift of materials and as per direction of Engineer-in- charge.	8.76	361.95	Rupees Three hundred sixty one and paise ninety five only	Per cubic metre	3171
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clause 800, 1205.4 and 1205.5 PCC Grade M-20(Nominal Mix 1:2:4 (One cement : Two sand : Four graded stone aggregate) within all leads and lift including carriage of materials and as per direction of Engineer-in- charge.	8.66	8567.35	Rupees Eight thousand five hundred sixty seven & paise thirty five only	Per cubic metre	74193
3	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm (Three millimetre) thick corrugated sheet metal beam rail to be kept 70 cm(Seventy centimeter) above road/ ground level, fixed on ISMC series channel vertical post, 150x 75x5mm (One hundred fifty into seventy five into five millimetre) to be spaced 2cm (Two centimeter) centre to centre to be kept 1.80m (One point eighty metre) high and to be kept 1.10 mtr. (one point one zero meter) below ground/ road level. All steel parts and filaments to be galvanized by hot dip process. All fittings to conform to IS: 1367 and IS 1364 as amended upto date metal beam to be fixed on the vertical post with a space of channel section 150x 75x 5mm, 330mm(One hundred fifty into seventy five into five millimetre comma three hundred thirty millimetre) long complete as per clause 810 including all fittings required for erection at road site of materials within all leads & lift including carriage of materials & as per direction of Engineer-in- charge.	129.00	3273.20	Rupees Three thousand two hundred thirty three and paise twenty only	Per Running metre	422243
					Total	499607

Draft schedule of quantity approved for ₹ 4,99,607/- only

Executive Engineer,
Kullu Division
HP PWD Kullu

DRAFT SCHEDULE OF QUANTITY

Estimated cost:-3,32,454.00
Earnest money :- 6,700.00
Time :- Two months

Name of work:- Improvement of identified black spots by providing corrective measure on Shat Jallugran road Km. 0/0 to 7/0 (SH:-P/F W-metal Beam crash barrier railing from RD. 3/850 to 3/970 and PCC edge wall from RD. 3/930 to 3/945)

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	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 any lead ,dressing of sides and bottom and back filling in trenches with excavated suitable material within all leads and lift of materials and as per direction of Engineer-in- charge.	17.48	128.15	Rupees One hundred twenty eight and paisa fifteen only	Per cubic metre	2240
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clause 802, 803 , 1202 ,1203PCC Grade M-20(Nominal Mix 1:2:4 (One cement : Two sand : Four graded stone aggregate) within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	7.80	3424.50	Rupees Three thousand four hundred twenty four and paise fifty only	Per cubic metre	26711
3	Providing concrete for plain/ reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 and 1203 PCC grade M-10 nominal mix cement concrete 1:3:6 (One cement : Three sand : Six graded stone aggregate) within all leads and lift including carriage of materials and as per direction of Engineer-in- charge.	13.49	2928.35	Rupees Two thousand nine hundred twenty eight and paise thirty five only	Per cubic metre	39503

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4	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm (Three millimetre) thick corrugated sheet metal beam rail to be kept 70 cm (Seventy centimeter) above road/ ground level, fixed on ISMC series channel vertical post, 150x 75x5mm (One hundred fifty into seventy five into five millimetre) to be spaced 2cm (Two centimeter) centre to centre to be kept 1.80m (One point eighty metre) high and to be kept 1.10 mtr. (one point one zero meter) below ground/ road level. All steel parts and fittings to be galvanized by hot dip process. All fittings to conform to IS: 1367 and IS 1364 as amended upto date metal beam to be fixed on the vertical post with a space of channel section 150x 75x 5mm, 330mm (One hundred fifty into seventy five into five millimetre comma three hundred thirty millimetre) long complete as per clause 810 conforming to MORT7H (ministry of road transport and highway) specification (Latest revision) including all fittings required for erection at road site of materials within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	120.00	2200.00	Rupees Two thousand two hundred and paise zero five only	Per Running metre	264000
Total						332454

Draft schedule of quantity approved for Rs. 33,24,54/- only

Executive Engineer,
Kullu Division,
HP.PWD Kullu

DRAFT SCHEDULE OF QUANTITY

Estimated cost:-4,92,905.00
Earnest money :- 10,000.00

Time :- Two months

Name of work:- Improvement of identified black spots by providing corrective measure on Shat Jallugran road Km. 0/0 to 7/0 (SH:-P/F W-metal Beam crash barrier railing from RD. 3/700 to 3/850 and PCC edge wall from RD. 3/760 to 3/810)

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	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 any lead ,dressing of sides and bottom and back filling in trenches with excavated suitable material within all leads and lift of materials and as per direction of Engineer-in- charge.	39.90	128.15	Rupees One hundred twenty eight and paia fifteen only	Per cubic metre	5113
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clause 802, 803 , 1202 ,1203PCC Grade M-20(Nominal Mix 1:2:4 (One cement : Two sand : Four graded stone aggregate) within all leads and lift including carriage of materials and as per direction of Engineer-in- charge.	7.64	3424.50	Rupees Three thousand four hundred twenty four and paia fifty only	Per cubic metre	26163
3	Providing concrete for plain/ reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803,1202 and 1203 PCC grade M-10 nominal mix cement concrete 1:3:6 (One cement : Three sand : Six graded stone aggregate) within all leads and lift including carriage of materials and as per direction of Engineer-in- charge.	44.95	2928.35	Rupees Two thousand nine hundred twenty eight and paia thirty five only	Per cubic metre	131629

4	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm (Three millimetre) thick corrugated sheet metal beam rail to be kept 70 cm (Seventy centimeter) above road/ground level, fixed on ISMC series channel vertical post, 150x 75x5mm (One hundred fifty into seventy five into five millimetre) to be spaced 2cm (Two centimeter) centre to centre to be kept 1.80m (One point eight metre) high and to be kept 1.10 mtr. (one point one zero meter) below ground/ road level. All steel parts and fittings to be galvanized by hot dip process. All fittings to conform to IS: 1367 and IS 1364 as amended upto date metal beam to be fixed on the vertical post with a space of channel section 150x 75x 5mm, 330mm (One hundred fifty into seventy five into five millimetre comma three hundred thirty millimetre) long complete as per clause 810 conforming to MORTTH (ministry of road transport and highway) specification (Latest revision) including all fittings required for erection at road site of materials within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	150.00	2200.00	Rupees Two thousand two hundred and paise zero five only	Per Running metre	330000
Total						492905

Draft schedule of quantity approved for Rs 492905/- only

Executive Engineer,
Kullu Division,
H.P. Kullu

DRAFT SCHEDULE OF QUANTITY

Name of work:- Const. of Bridge over Tosh Nallah (SH:- C/O wire crated Retaining wall in approaches)

Estimated cost:- 4,33,204.00
Earnest money :- 9,000.00
Time :- Two months

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	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 any lead ,dressing of sides and bottom and back filling in trenches with excavated suitable material within all leads and lift of materials and as per direction of Engineer-in-charge.	11.25	128.15	Rupees One hundred twenty eight and paise fifteen only	Per cubic metre	1442
2	Providing and laying of boulder apron laid in wire crates with 4mm (Four millimetre) dia GI wire conforming to IS: 280 and IS: 4826 in 150mmx150mm(One hundred fifty millimetre into One hundred fifty millimetre) mesh (woven diagonally) including 10(Ten) percent extra for laps and joints laid with stone boulders weighing not less than 25 kg.(Twenty five kilogram) each as per drawing and technical specifications clause 1301 within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	234.38	1210.90	Rupees One thousand Two hundred ten and paise ninety only.	Per cubic metre	283811
3	Back filling behind abutment, wing wall and return wall complete as per drawing and technical specification clause 1204.3.8 Granular material. within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	90	481.3	Rupees Four hundred eighty one and paise thirty only	Per cubic metre	43317
4	Construction of embankment with approved material obtained from borrow pits with a any lift transporting to site, spreading, grading to required slope and compacting to meet requirement of tables 300.1 and 300.2 as per technical specification clause 301.5 within all leads and lift of materials and as per direction of Engineer-in-charge.	587.50	178.10	Rupees One hundred seventy eight and paise ten only	Per cubic metre	104634.00
					Total:-	433204

Draft schedule of quantity approved for Rs 4,33,204/- only

Executive Engineer,
Kullu Division,
HP-BWD Kullu.

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433204
2107

DRAFT SCHEDULE OF QUANTITY

Estimated cost:-4,99,761.00
Earnest money :-10,000.00

Time :- Two months

Name of work:- Restoration of rain damages on Manikaran Barsaini road km 0/0 to 12/00 (SH:- C/O PCC R/wall at RD. 7/630 to 7/641)

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	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 any lead ,dressing of sides and bottom and backfilling in trenches with excavated suitable material within all leads and lift including carriage of materials and as per direction of Engineer-in- charge.	93.5	128.15	Rupees One hundred twenty eight and paisa fifteen only	Per cubic metre	11982
2	Providing and laying concrete for plain/ reinforced concrete 1:4:8 (One cement :four sand : eight graded stone aggregate 40mm (Forty millimetre nominal size) in open foundations complete as per drawing and technical specification clause 802,803,1202 and 1203 within all leads and lift including carriage of materials and as per direction of Engineer-in- charge.	196.23	2346.15	Rupees two thousand three hundred forty six and paise fifteen only	Per cubic metre	460385
3	Back filling behind abutment, wing wall and return wall complete as per drawing and technical specification clause 1204.3.8 Granular material, within all leads and lift including carriage of materials and as per direction of Engineer-in- charge.	32.67	481.30	Rupees Four hundred eighty one and paise thirty only	Per cubic metre	15724
4	Providing weap holes in brick masonry/ stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe extending through the full with of the structures with slope of 1(V):20 (H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7. within all leads and lift including carriage of materials and as per direction of Engineer-in- charge.	46	253.70	Rupees Two hundred fifty three and paise seventy only.	Each	11670.00
Total						499761

Draft schedule of quantity approved for Rs 4,99,761 only

Executive Engineer,
Kullu Division ,
H.P.W.D Kullu

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Name of work:- Balance work of Improvement & Metalling tarring on Manikaran to Barshani road Km. 0/0 to 12/120 (SH:- Providing G-II and priming coat with B.M. Km.8/0 to 8/500)

DRAFT SCHEDULE OF QUANTITY

Estimated cost:- Rs. 4,96,027.00
Earnest money :- Rs. 10,000.00
Time :- Two months.

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Providing, laying, spreading and compacting stone aggregates of 53mm(Fifty three millimetre) to 22.4mm (Twenty two point four millimetre) to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 KN Statics 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 -II as per technical specification clause 405 by Manual Means including carriage of material within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	72.75	995.50	Rupees Nine hundred ninety five and paise fifty only	Per Cubic metre	72423
2	Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface granular base including cleaning of road surface and spraying primer at the rate of 0.90 1.2 Kg./sqm. (Zero point nine zero - One point two kilogram per square metre) Using mechanical means as per technical specification clause 502 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	970.00	42.10	Rupees Forty two and paise ten only	Per Square metre	40837
3	Providing and laying bituminous macadam with 100-120 TPH batch type hot mix plant producing an average output of 75 (Seventy five) tonne per hour using crushed stone aggregates of specified grading premixed with bituminous binder transported to site laid over previously prepared surface with paver finisher to the required grade, level and alignment rolling with smooth wheeled vibratory and tandem roller compaction as per 501.6 and 501.7 to achieve the desires compaction within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	48.50	7892.10	Rupees Seven thousand eight hundred ninety two and paise ten only	Per Cubic metre	382767
					Total	496027

Draft schedule of quantity approved for Rs. 496,027 only.

Executive Engineer
Kullu Division,
HPWD Kullu

Name of work:- DRAFT SCHEDULE OF QUANTITY
Balance work of Improvement & Metalling tarring on Manikaran to Barshani road Km. 0/0 to
12/120 (SH:- Providing G-III and priming coat with B.M. Km.8/500 to 9/0)

Estimated cost:- Rs. 4,97,094.00
 Earnest money :- Rs. 10,000.00
 Time :- Two months.

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Providing, laying, spreading and compacting stone aggregates of 53mm(Fifty three millimetre) to 22.4mm (Twenty two point four millimetre) to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 KN Statics 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 -III as per technical specification clause 405 by Manual Means including carriage of material within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	72.90	995.50	Rupees Nine hundred ninety five and paise fifty only	Per Cubic metre	72572
2	Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface granular base including cleaning of road surface and spraying primer at the rate of 0.90 1.2 Kg/sqm. (Zero point nine zero - One point two kilogram per square metre) Using mechanical means as per technical specification clause 502 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	972.00	42.10	Rupees Forty two and paise ten only	Per Square metre	40921
3	Providing and laying bituminous macadam with 100-120 TPH batch type hot mix plant producing an average output of 75 (Seventy five) tonne per hour using crushed stone aggregates of specified grading premixed with bituminous binder transported to site laid over previously prepared surface with paver finisher to the required grade, level and alignment rolling with smooth wheeled vibratory and tandem roller compaction as per 501.6 and 501.7 to achieve the desired compaction within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	48.60	7892.10	Rupees Seven thousand eight hundred ninety two and paise ten only	Per Cubic metre	383556
Total						497049

Draft schedule of quantity approved for Rs. 4,97,094/- only

Executive Engineer
 Kullu Division,
 HPWD Kullu

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 4303
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Name of work:-

Balance work of Improvement & Metallizing tarring on Manikaran to Barshani road Km. 0/0 to

Estimated cost:- Rs. 4,97,566.00
Earnest money :- Rs. 10,000.00
Time :- Two months.

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Providing, laying, spreading and compacting stone aggregates of 53mm(Fifty three millimetre) to 22.4mm (Twenty two point four millimere) to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 KN Statics 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 -III as per technical specification clause 405 by Manual Means including carriage of material within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	72.98	995.50	Rupees Nine hundred ninety five and paise fifty only	Per Cubic metre	72652
2	Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface granular base including cleaning of road surface and spraying primer at the rate of 0.90 1.2 Kg./sqm. (Zero point nine zero - One point two kilogram per square metre) Using mechanical means as per technical specification clause 502 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	973.00	42.10	Rupees Forty two and paise ten only	Per Square metre	40963
3	Providing and laying bituminous macadam with 100-120 TPH batch type hot mix plant producing an average output of 75 (Seventy five) tonne per hour using crushed stone aggregates of specified grading premixed with bituminous binder transported to site laid over previously prepared surface with paver finisher to the required grade, level and alignment rolling with smooth wheeled vibratory and tandem roller compaction as per 501.6 and 501.7 to achieve the desired compaction within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	48.65	7892.10	Rupees Seven thousand eight hundred ninety two and paise ten only	Per Cubic metre	383951
					Total	497566

Draft schedule of quantity	approved for Rs	Total
	497566	497566

**Executive Engineer
Kullu Division,
HPPWD Kullu**

Name of work:- DRAFT SCHEDULE OF QUANTITY
Balance work of Improvement & Metalling tarring on Manikaran to Barshani road Km. 0/0 to 12/120 (SH:- Providing G-III and priming coat with B.M. Km. 9/500 to 10/0)

Estimated cost- Rs. 4,95,004.00
Earnest money :- Rs. 10,000.00
Time :- Two months.

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Providing, laying, spreading and compacting stone aggregates of 53mm(Fifty three millimetre) to 22.4mm (Twenty two point four millimetre) to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 KN Statics 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 -III as per technical specification clause 405 by Manual Means including carriage of material within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	72.60	995.50	Rupees Nine hundred ninety five and paise fifty only	Per Cubic metre	72273
2	Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface granular base including cleaning of road surface and spraying primer at the rate of 0.90, 1.2 Kg./sqm. (Zero point nine zero - One point two kilogram per square metre) Using mechanical means as per technical specification clause 502 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	968.00	42.10	Rupees Forty two and paise ten only	Per Square metre	40753
3	Providing and laying bituminous macadam with 100-120 TPH batch type hot mix plant producing an average output of 75 (Seventy five) tonne per hour using crushed stone aggregates of specified grading premixed with bituminous binder transported to site laid over previously prepared surface with paver finisher to the required grade, level and alignment rolling with smooth wheeled vibratory and tandem roller compaction as per 501.6 and 501.7 to achieve the desired compaction within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	48.40	7892.10	Rupees Seven thousand eight hundred ninety two and paise ten only	Per Cubic metre	381978
					Total	495004

Draft schedule of quantity approved for Hqs. only

Executive Engineer
Kullu Division,
HPPWD Kullu

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Name of work:- **DRAFT SCHEDULE OF QUANTITY**
 Balance work of Improvement & Metalling tarring on Manikaran to Barshani road Km. 0/0 to
 12/120 (SI:- Providing G-II and priming coat with B.M. Km. 10/0 to 10/500)

Estimated cost:- Rs. 4,96,542.00
 Earnest money :- Rs. 10,000.00
 Time :- Two months.

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Providing, laying, spreading and compacting stone aggregates of 53mm(Fifty three millimetre) to 22.4mm (Twenty two point four millimetre) to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 KN Statics 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 -III as per technical specification clause 405 by Manual Means including carriage of material within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	72.83	995.50	Rupees Nine hundred ninety five and paise fifty only	Per Cubic metre	72502
2	Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface granular base including cleaning of road surface and spraying primer at the rate of 0.90 1.2 Kg./sqm. (Zero point nine zero - One point two kilogram per square metre) Using mechanical means as per technical specification clause 502 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	971.00	42.10	Rupees Forty two and paise ten only	Per Square metre	40879
3	Providing and laying bituminous macadam with 100-120 TPH batch type hot mix plant producing an average output of 75 (Seventy five) tonne per hour using crushed stone aggregates of specified grading premixed with bituminous binder transported to site laid over previously prepared surface with paver finisher to the required grade, level and alignment rolling with smooth wheeled vibratory and tandem roller compaction as per 501.6 and 501.7 to achieve the desired compaction within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	48.55	7892.10	Rupees Seven thousand eight hundred ninety two and paise ten only	Per Cubic metre	383161
					Total	496542

Draft schedule of quantity approved for Rs. 496,542/- only

Executive Engineer
 Kullu Division,
 HPWD Kullu

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Name of work:- DRAFT SCHEDULE OF QUANTITY
 Balance work of Improvement & Metallizing tarring on Manikaran to Barshani road Km. 0/0 to 12/120 (SH:- Providing G-III and priming coat with B.M. Km. 10/500 to 11/0)

Estimated cost:- Rs. 4,97,113.00
 Earnest money :- Rs. 10,000.00
 Time :- Two months.

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Providing, laying, spreading and compacting stone aggregates of 53mm(Fifty three millimetre) to 22.4mm (Twenty two point four millimetre) to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 KN Statics 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 -III as per technical specification clause 405 by Manual Means including carriage of material within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	72.79	995.50	Rupees Nine hundred ninety five and paise fifty only	Per Cubic metre	72462
2	Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface granular base including cleaning of road surface and spraying primer at the rate of 0.90 1.2 Kg/sqm. (Zero point nine zero - One point two kilogram per square metre) Using mechanical means as per technical specification clause 502 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	970.50	42.10	Rupees Forty two and paise ten only	Per Square metre	40858
3	Providing and laying bituminous macadam with 100-120 TPH batch type hot mix plant producing an average output of 75 (Seventy five) tonne per hour using crushed stone aggregates of specified grading premixed with bituminous binder transported to site laid over previously prepared surface with paver finisher to the required grade, level and alignment rolling with smooth wheeled vibratory and tandem roller compaction as per 501.6 and 501.7 to achieve the desired compaction within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	48.63	7892.10	Rupees Seven thousand eight hundred ninety two and paise ten only	Per Cubic metre	383793
					Total	497113

Draft schedule of quantity approved for Rs 4,97,113 only

Executive Engineer
 Kullu Division,
 HPPWD Kullu

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Name of work:- **DRAFT SCHEDULE OF QUANTITY**
Balance work of Improvement & Metallizing tarring on Manikaran to Barshani road Km. 0/0 to 12/120 (SH:- Providing G-III and priming coat with B.M. Km. 11/0 to 11/500)

Estimated cost:- Rs. 4,95,301.00
Earnest money :- Rs. 10,000.00
Time :- Two months.

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Providing, laying, spreading and compacting stone aggregates of 53mm(Fifty three millimetre) to 22.4mm (Twenty two point four millimetre) to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 KN Statics 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 -III as per technical specification clause 405 by Manual Means including carriage of material within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	72.64	995.50	Rupees Nine hundred ninety five and paise fifty only	Per Cubic metre	72313
2	Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface granular base including cleaning of road surface and spraying primer at the rate of 0.90 1.2 Kg./sqm. (Zero point nine zero - One point two kilogram per square metre) Using mechanical means as per technical specification clause 502 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	968.50	42.10	Rupees Forty two and paise ten only	Per Square metre	40774
3	Providing and laying bituminous macadam with 100-120 TPH batch type hot mix plant producing an average output of 75 (Seventy five) tonne per hour using crushed stone aggregates of specified grading premixed with bituminous binder transported to site laid over previously prepared surface with paver finisher to the required grade, level and alignment rolling with smooth wheeled vibratory and tandem roller compaction as per 501.6 and 501.7 to achieve the desired compaction within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	48.43	7892.10	Rupees Seven thousand eight hundred ninety two and paise ten only	Per Cubic metre	382214
					Total	495301

Draft schedule of quantity approved for Rs. 4,95,301 only

Executive Engineer
Kullu Division,
HPPWD Kullu

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Name of work:- **Balance work of Improvement & Metalling tarring on Manikaran to Barshani road Km. 0/0 to 12/120 (SH:- Providing G-III and priming coat with B.M. Km. 11/500 to 12/0)**

Estimated cost:- Rs. 4,96,751.00
Earnest money :- Rs. 10,000.00
Time :- Two months.

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DRAFT SCHEDULE OF QUANTITY

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Providing, laying, spreading and compacting stone aggregates of 53mm(Fifty three millimetre) to 22.4mm (Twenty two point four millimetre) to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 KN Statics 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 -III as per technical specification clause 405 by Manual Means including carriage of material within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	72.86	995.50	Rupees Nine hundred ninety five and paise fifty only	Per Cubic metre	72532
2	Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface granular base including cleaning of road surface and spraying primer at the rate of 0.90 1.2 Kg./sqm. (Zero point nine zero - One point two kilogram per square metre) Using mechanical means as per technical specification clause 502 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	971.50	42.10	Rupees Forty two and paise ten only	Per Square metre	40900
3	Providing and laying bituminous macadam with 100-120 TPH batch type hot mix plant producing an average output of 75 (Seventy five) tonne per hour using crushed stone aggregates of specified grading premixed with bituminous binder transported to site laid over previously prepared surface with paver finisher to the required grade, level and alignment rolling with smooth wheeled vibratory and tandem roller compaction as per 501.6 and 501.7 to achieve the desired compaction within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	48.57	7892.10	Rupees Seven thousand eight hundred ninety two and paise ten only -	Per Cubic metre	383319
					Total	496751

Draft schedule of quantity approved for Rs 496751 only

Executive Engineer
Kullu Division,
HPWD Kullu

DRAFT SCHEDULE OF QUANTITY

Name of work:- Construction of link road to village Suma Km. 0/0 to 0/800 (SH:- Construction of wire crated retaining wall at RD. 0/127.50 to 0/150)

Estimated cost:-2,04,187.00
Earnest money :- 4,100.00
Time :- Two months

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Sr. No.	Description	Qty	Figure	Words	Rate in	Unit	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 any lead, dressing of sides and bottom and backfilling in trenches with excavated suitable material within all leads and lift of materials and as per direction of Engineer-in-charge.	25.31	128.15	Rupees One hundred twenty eight and paise fifteen only		Per cubic metre	3243
2	Providing and laying of boulder apron laid in wire crates with 4mm (Four millimetre) dia GI wire conforming to IS: 280 and IS: 4826 in 150mmx 150mm(One hundred fifty millimetre into One hundred fifty millimetre) mesh (woven diagonally) including 10(Ten) percent extra for laps and joints laid with stone boulders weighing not less than 25 kg.(Twenty five kilogram) each as per drawing and technical specifications clause 1301 within all leads and lift of materials and as per direction of Engineer-in-charge	160.45	1210.90	Rs. One thousand Two hundred ten and paise ninety only.		Per cubic metre	194288
3	Back filling behind abutment, wing wall and return wall complete as per drawing and technical specification clause 1204.3.8 Granular material. within all leads and lift of materials and as per direction of Engineer-in-charge.	13.83	481.30	Rupees Four hundred eighty one and paise thirty only		Per cubic metre	6656
						Total:-	204187

Draft schedule of quantity approved for 29/11/2018

Executive Engineer,
Kuliy Division,
HP PWD Kullu

DRAFT SCHEDULE OF QUANTITY

Name of work:- A/R and M/O General Pooled accommodation (SH:- Dismantling WC and Bathroom, providing and laying tiles, painting, distempering and steel stair for slab in C/JM L&S near Gandhi Nagar Kullu).

Estimated cost:- Rs. 2,76,080.00
Earnest money :- Rs. 5,500.00
Time :- Two months.

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Dismantling tiled floors laid in mortar upto floor any level including stacking of serviceable materials and disposal of un-serviceable materials within any lead (wooden/concrete joists to be measured and paid for separately) For thickness of tiles upto 25mm (Twenty five millimetre) within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	12.60	17.35	Rupees seventeen and paise thirty five Square only	Per Square metre	219
2	Demolition below G.L. upto 1.50Metres depth and disposal of unserviceable materials within any lead Un-reinforced cement concrete upto any thickness within all leads and lift including carriage of material in all respect as per direction of Engineer-in-charge.	1.97	415.95	Rupees Four hundred fifteen and paise ninety five only	Per cubic metre	819
3	Providing and laying granite stone in flooring 20mm(Twenty millimetre) (average) thickness base of cement mortar 1:3(One cement: Three sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone including rubbing and polishing complete. 20mm (Twenty millimetre) thick within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	2.76	3555.60	Rupees Three thousand five hundred fifty five and paise sixty only	Per Square metre	9813
4	Providing and laying spartic ceramic tiles 5.5mm (Five point five millimetre) thick in flooring 300 x300mm(Three hundred x three hundred millimetre.) size treads of steps laid on a bed of 12mm (Twelve millimetre) thick cement mortar 1:3(One cement: Three sand) finished with flush pointing in white cement within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	12.13	1094.60	Rupees Fifty and paise twenty five only	Per Square metre	13277
5	Providing and laying spartic ceramic tiles 5.5mm (Five point five millimetre) thick in flooring 300 x300mm(Three hundred x three hundred millimetre.) size dado laid on a bed of 12mm (Twelve millimetre) thick cement mortar 1:3(One cement: Three sand) finished with flush pointing in white cement within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	19.73	1094.60	Rupees Fifty and paise twenty five only	Per Square metre	21596
6	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm(Zero point fifty six millimetre) for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws 2nd class decdar wood within all leads and lifts and carriage of material in all respect as per direction of Engineer-in-charge.	5.63	1958.00	Rupees One thousand nine hundred fifty eight and paise zero only	Per Square metre	11024
7	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary plain Glass 3mm (Three millimetre) thick within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	2.25	456.70	Rupees Four hundred fifty six and paise seventy only	Per Square metre	1028

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14	Providing and fixing 19mm thick water proof commercial board in shelves/ box for cup board with butt joints and fixing with nails and screws etc. complete within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	5.53	1550.00	Rupees One hundred five hundred fifty and paise zero only	Per Square metre	8572
15	Providing and laying 19mm thick commercial board water lproof shutters for up boards including fixing with nickel plated piano hinges with screws etc. complete within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	2.41	1850.00	Rupees thousand hundred fifty and paise zero only	Per Square metre	4459
16	Providing and laying 1.00 mm thick coloured or plain lamination sheet (Sunmica) on boards /ply wood shhets with approved adhesive and nails etc. complete within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	6.68	1000.00	Rupees thousand and paise zero only	Per Square metre	6660
17	Painting two coats (excluding priming coat)on new wood and wood based surfaces,with ready mixed paint,brushing to give an even shade including cleaning of all dirt,dust and other foreign matter sand papering and stopping Ready mixed paint other then white within all leads and lifts and carriage of material in all respect as per direction of Engineer-in-charge.	194.26	41.35	Rupees Forty one and paise thirty five only	Per Square metre	8033
18	Removing old paint or polish from wood and wood based surfaces with paint remover of approved brands and manufacture and making the surface even with Paint remover of approved brand and manufacture within all leads and lifts and carriage of material in all respect as per direction of Engineer-in-charge.	194.26	28.10	Rupees Twenty eight and paise ten only	Per Square metre	5459
19	Painting one coat (excluding priming coat) (including one subsequent coat) on previously painted steel & other metal surfaces with ready mixed paint,brushing oil, grease to give an even shade including cleaning the surface of all dirt,dust and other foreign matter With white readymixed paint: within all leads and lift including carriage of material in all respect and as per direction of Engineer-in-charge.	55.36	48.85	Rupees Forty eight and paise eighty five only	Per Square metre	2704
20	Removing old paint from Steel and other metal surfaces & making the surface even with hand scraping within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	55.36	23.60	Rupees Twenty three and paise sixty only	Per Square metre	1306
21	Providing and fixing to wall , ceiling and floor galvanized mild steel tubes (medium grade) tube fitting and clamps including making good the wall, ceiling and floor 15mm(Fifteen millimetre) within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	18.00	126.40	Rupees One hundred twenty six and paise forty only	Per metre	2275
22	Providing and fixing PVC floor trap ISI marked self cleaning design including fixing with approved adhesive , cost of cutting and making good the wall and floors etc. complete 110mm x 75mm within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	7	375.50	Rupees Three hundred seventy five and paise fifty only	Each	2629
23	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete within all leads and lift including carriage of material in all respect as per direction of Engineer-in-charge.					

14	Providing and fixing 19mm thick water proof commercial board in shelves/ box for cup board with butt joints and fixing with nails and screws etc. complete within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	5.53	1550.00	Rupees One hundred five hundred fifty and paise zero only	Per Square metre	8572
15	Providing and laying 19mm thick commercial board water lproof shutters for up boards including fixing with nickel plated piano hinges with screws etc. complete within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	2.41	1850.00	Rupees thousand hundred fifty and paise zero only	One Per Square metre	4459
16	Providing and laying 1.00 mm thick coloured or plain lamination sheet (Sunmica) on boards /ply wood shhets with approved adhesive and nails etc. complete within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	6.68	1000.00	Rupees thousand and paise zero only	One Per Square metre	6660
17	Painting two coats (excluding priming coat)on new wood and wood based surfaces,with ready mixed paint,brushing to give an even shade including cleaning of all dirt,dust and other foreign matter sand papering and stopping Ready mixed paint other then white within all leads and lifts and carriage of material in all respect as per direction of Engineer-in-charge.	194.26	41.35	Rupees Forty one and paise thirty five only	Per Square metre	8033
18	Removing old paint or polish from wood and wood based surfaces with paint remover of approved brands and manufacture and making the surface even with Paint remover of approved brand and manufacture within all leads and lifts and carriage of material in all respect as per direction of Engineer-in-charge.	194.26	28.10	Rupees Twenty eight and paise ten only	Per Square metre	5459
19	Painting one coat (excluding priming coat) (including one subsequent coat) on previously painted steel & other metal surfaces with ready mixed paint,brushing oil, grease to give an even shade including cleaning the surface of all dirt,dust and other foreign matter With white readymixed paint: within all leads and lift including carriage of material in all respect and as per direction of Engineer-in-charge.	55.36	48.85	Rupees Forty eight and paise eighty five only	Per Square metre	2704
20	Removing old paint from Steel and other metal surfaces & making the surface even with hand scraping within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	55.36	23.60	Rupees Twenty three and paise sixty only	Per Square metre	1306
21	Providing and fixing to wall , ceiling and floor galvanized mild steel tubes (medium grade) tube fitting and clamps including making good the wall, ceiling and floor 15mm(Fifteen millimetre) within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	18.00	126.40	Rupees One hundred twenty six and paise forty only	Per metre	2275
22	Providing and fixing PVC floor trap ISI marked self cleaning design including fixing with approved adhesive , cost of cutting and making good the wall and floors etc. complete 110mm x 75mm within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	7	375.50	Rupees Three hundred seventy five and paise fifty only	Each	2629
23	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete within all leads and lift including carriage of material in all respect as per direction of Engineer-in-charge.					

	(i) 110 mm (One hundred ten millimetre) dia	8	219.55	Rupees Two hundred nineteen and paise fifty five only	Each	1756
	(ii) 75 mm (Seventy five millimetre) dia	12	165.00	Rupees One hundred sixty five and paise zero only	Each	1980
24	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete 110 mm dia within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.					
	(i) 110 mm (One hundred ten millimeter) dia	2	94.30	Rupees Ninety four and paise thirty only	Each	189
	(ii) 75mm (Seventy five millimeter)	2	59.80	Rupees Fifty nine and paise eighty only	Each	120
25	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete within all leads and lift including carriage of material in all respect as per direction of Engineer-in-charge.					
	(i) 110 mm (One hundred ten millimetre) dia	4	65.60	Rupees Sixty five and paise sixty only	Each	262
	(ii) 75 mm (Seventy five millimetre) dia	3	48.30	Rupees Forty eight and paise thirty only	Each	145
26	Providing and fixing PVC single equal branch plain ISI marked including fixing with approved adhesive within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.					
	(i) 110mm (One hundred Ten millimetre) dia	2	123.00	Rupees One hundred twenty three and paise zero only.	Each	246
	(ii) 75 mm (Seventy five millimetre) dia	2	88.60	Rupees Eighty eight and paise sixty only.	Each	177
27	Providing and fixing PVC offset 45 degree ISI marked including fixing with approved adhesive etc. complete within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.					
	(i) 110mm (One hundred Ten millimetre) dia	2	116.60	Rupees One hundred twenty three and paise zero only.	Each	233

	ii) 75 mm (Seventy five millimetre) dia	2	88.60	Rupees Eighty eight and paise sixty only.	Each	177
28	Providing and fixing PVC door bend with oval access door, ISI marked insertion rubber washer 3mm (Three millimetre) thick washer, bolts and nuts complete including fixing with approved adhesive etc. complete 110mm (One hundred ten millimetre) dia within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.					
	i) 110mm (One hundred Ten millimetre) dia	2	186.30	Rupees One hundred eighty six and paise thirty only	Each	373
	ii) 75 mm (Seventy five millimetre) dia	2	123.00	Rupees One hundred twenty three and paise zero only.	Each	246
29	Providing and fixing to wall ceiling and PP-R (Poly propylene Random copolymer) pipes conforming to IS : 15801, UV stabilized and anti-microbial fusion welded, having thermal stability for hot and cold water supply, including all PP-R plain and brass threaded polypropylene random fittings, i/c fixing the pipe with clamps at 1.00m spacing. This includes the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-charge. Consealed work, including cutting chases and making good the wall etc. PN-16 pipe, 25mm OD (SDR-7.4) new schedule within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	42.00	122.20	Rupees One hundred twenty two and paise twenty only	Per running metre	5132
30	Providing and fixing vitreous China wash down, water closet (European type. W.C. pan) with integral 'P' or 'S' trap including jointing the trap with soil pipe in cement mortar 1:1(1 cement : 1 sand) (Seat and over to be measured and paid for separately) Ordinary closet within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	2	1186.70	Rupees thousand one hundred eighty six and paise seventy only	Each	2373
31	Providing and fixing PTMT Coloured/ white high density polyethylene (poly propylene 10(Ten) litres capacity (full flush) European standard control low level flushing cistern with fittings with a pair of brackets with fittings such as lead valve, siphon, 15mm (Fifteen millimetre) nominal size PVC ball valve with polythene float, with push button, couplings for connections with inlet, outlet and over flow pipe, 40mm (Forty millimetre) dia C.P. flush bend including cutting holes in walls and making good the same and connecting the flush bend with cistern and closet(overflow pipe to be measured and paid for separately) within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	2	1294.20	Rupees thousand one hundred ninety four and paise twenty only	Each	2588

32	Providing and fixing plastic seat (Solid / Hollow type) and cover for wash down water closet with C.P. Brass hinges and rubber buffers SOLID TYPE white plastic seat and cover within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	2	483.00	Rupees hundred eighty three and paise zero only	Four Each	966
33	Providing and fixing P.V.C connection with brass unions 300/450mm length 15mm nominal bore within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	9	43.10	Rupees Forty three and paise ten only	Three Each	388
34	Providing and fixing charomium plated brass soap dish with C.P. Brass brackets fixed to wooden cleats with C.P. Brass screws within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	4	256.00	Rupees Two hundred fifty six and paise zero only	Each	1024
35	Providing and fixing PTMT jet spray of approved quality and color with one meter tube within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	2	192.00	Rupees One hundred ninety only	Each	384
36	Providing and fixing 100mm(One hundred millimetre) dia chromium plated grating of superior quality for floor, gully or Nahani trap within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	5	48.30	Rupees Forty eight and paise thirty only.	Each	242
37	Providing and fixing c.p. brass angle valve 15mm (Fifteen millimetre) without Nuts and pipe within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	15	414.00	Rupees hundred fourteen & paise zero only	Four Each	6210
38	Providing and fixing brass bib tap (Superior or heavy type) 15mm dia long nose within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	4	599.10	Rupees Five hundred ninety nine and paise ten only	Each	2396
39	Providing and fixing C.P Brass pillar tap with capstan head(15mm dia) within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	1	468.00	Rupees hundred sixty eight and paise zero only.	Each	468
40	Providing and fixing mixer for kitchen sink with caasted swinging spout at top (Jal) within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	1	3450.00	Rupees thousand three hundred fifty and paise zero only	Three Each	3450
41	Providing and fixing two hole basin mixing faucet (Jal) within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	2	3714.00	Rupees thousand seven hundred fourteen and paise zero only	Three Each	7428
42	Providing and fixing one hole basin mixing faucet (Jal) within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	1	2036.00	Rupees thousand thirty six and paise zero only	Two Each	2036
43	Providing and fixing wall mixing faucet for shower and bath with overhead pipe(1210cm) and bath shower within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	2	3552.00	Rupees thousand five hundred fifty two and paise zero only	Three Each	7104

44	Providing and fixing bath shower (Jai) within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	2	1022.00	Rupees thousand twenty two and paise zero only	One Each	2044
45	Providing and fixing 600mmx 120mm glass shelf with CP brass bracket and guard rail complete fixed to wooden plugs with CP brass screws within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	4	1675.00	Rupees thousand six hundred seventy five and paise zero only	One Each	6700
46	Providing and fixing corner shelf 3 piece set within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	2	790.00	Rupees hundred ninety and paise zero only	Senen Each	1580
47	Providing and fixing 25mm(Twenty five millimetre) diameter curtain rods with brackets, plugs etc. where ever required 1st class deodar wood within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	26.50	72.35	Rupees Seventy two and paise thirty five only.	Per Running metre	1917
48	Providing and fixing 600mm x 450 mm(Six hundred millimetre x four hundred fifty millimetre) bevelled edge mirror of superior glass mounted on 6mm thick A.C. Sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers within all leads and lift including carriage of material in all respect as per direction of Engineer-in-charge.	3	854.10	Rupees hundred fifty four and paise ten only	Eight Each	2562
49	Providing and fixing CP brass towel rail complete fixed with wooden plug with CP brass screws 600 x 20mm (Six hundred millimetre x twenty millimetre) within all leads and lift including carriage of material in all respect as per direction of Engineer-in-charge.	2	1615.00	Rupees thousand six hundred fifteen and paise zero only	One Each	3230.00
50	Providing and fixing towel ring within all leads and lift including carriage of material in all respect as per direction of Engineer-in-charge.	3	1100.00	Rupees thousand hundred and paise zero only	One Each	3300
51	Providing and fixing vitreous china wash basin with single hole for pillar tap with C.I. or M.S. brackets painted with white including cutting holes and making good the same but excluding fitting flat back 550x400mm (Five hundred fifty x four hundred millimetre) within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	2	1210.50	Rupees thousand hundred ten and paise fifty only.	One Each	2421
52	Providing and fixing vitreous China wash basin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fittings Flat back 630mmx450mm(Six hundred thirty millimetre x four hundred fifty millimetre) within all leads and lift including carriage of material in all respect as per direction of Engineer-in-charge.	1	1373.90	Rupees thousand hundred three and paise ninety only	One Each	1374

53	Providing and fixing vitreous china pedestal for wash basin complete recessed at the back for the reception of pipes and fittings within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	3	933.80	Rupees Nine hundred thirty three and paise eighty only.	Each	2801
54	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary Plain Glass 4mm(Four millimetre) thick within all leads and lifts and carriage of material in all respect as per direction of Engineer-in-charge.	0.50	494.65	Rupees Four hundred ninety four and paise sixty five only	Per Square metre	247
55	Providing and fixing charonium plated brass soap dish with C.P. Brass brackets fixed to wooden cleats with C.P. Brass screws within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	3.00	256.00	Rupees Two hundred fifty six and paise zero only	Each	768
56	Providing and fixing oxidized MS sliding door bolts with nuts and screws etc. complete 250 x 16mm (Two hundred fifty and paise sixteen millimetre) within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	2	64.80	Rupees Sixty four and paise eighty only	Each	130
57	Providing and fixing oxidised M.S. tower bolts (barrel type) with necessary screws etc. complete 200x10 mm (Two hundred x ten millimetre) within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	20.00	33.40	Rupees thirty three and paise Forty only	Each	668
58	Steel work welded in built up sections joints channels ,angle ,tees frame work for ceiling flats with connection oor angle ,cleat as in trusses, trussed purlins main and cross beams, hips jack rafters, purlins connected to common rafters and the like in building ,including cutting ,hoisting ,fixing in position and applying a priming coat of red lead paint within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	2.06	6613.60	Rupees Six thousand six hundred thirteen and paise sixty only	Per Quintal	13624
59	Brick work using common burnt clay building bricks in foundation and plinth in in cement mortar 1:4 (One cement : Four sand) 1st class bricks within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	2.07	3188.35	Rupees three thousand hundred eighty eight and paise thirty five only	Per cubic metre	6600
					Total	276080

Copy Schedule of Quantity approved for Rs 2,76,080/- only.

Executive Engineer,
Kullu Division,
H.P. ROAD Kullu.

Name of work:- **A/R and M/O E.E. residence near Kalakendra (SH:- Dismantling tiled floor, P/L ceramic tiles, bathroom fittings, P/F CB and polycarbonated sheet fancing panelling etc.)**

DRAFT SCHEDULE OF QUANTITY

Estimated cost:- Rs. 4,25,242.00
Earnest money :- Rs. 8,500.00
Time :- Two months

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Demolition below G.L. upto 1.50Metres depth and disposal of unserviceable materials within 20 metres lead Un-reinforced cement concrete upto any thickness within all leads and lift including carriage of material in all respect as per direction of Engineer-in-charge.	4.37	415.95	Rupees hundred fifteen and paise ninety five only	Per cubic metre	1818
2	Providing and laying cement concrete 1:2:4 (One cement: Two Sand:Four graded stone aggregate 20mm(Twenty millimeter) nominal size and curing complete excluding cost of form work in foundation and plinth within all leads and lift including carriage of material in all respect and as per direction of Engineer-in-charge.	1.40	3165.90	Rupees thousand hundred sixty five and paise ninety	Per cubic metre	4424
3	Providing and laying spartic ceramic tiles 5.5mm (Five point five millimeter) thick in flooring 300 x300mm(Three hundred x three hundred millimeter.) size treads of steps laid on a bed of 12mm (Twelve millimeter) thick cement mortar 1:3(One cement: Three sand) finished with flush pointing in white cement within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	8.80	1094.60	Rupees Fifty and paise twenty five only	Per Square metre	9638
4	Providing and laying spartic ceramic tiles 8mm (Eight millimeter) thick in flooring 600 x300mm(Six hundred x three hundred millimeter.) size in skirting and dado 12mm (Twelve millimeter) thick cement mortar 1:3(One cement: Three sand) finished with flush pointing in white cement within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	20.56	1094.60	Rupees Fifty and paise twenty five only	Per Square metre	22502
5	Providing wood work in frames of false ceiling partitions etc. sawn and put-up in position 2nd class deodar wood within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	0.22	64995.70	Rupees Sixty four thousand hundred ninety five and paise seventy only	Per square metre	14299
6	Providing and fixing Australian pipe wood panelling ready made planks within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	38.82	1434.00	Rupees thousand hundred thirty four and paise Zero only	Per Square metre	55668
7	Providing and fixing 19mm(Nineteen millimeter) thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc complete within all leads and lift including carriage of material in all respect and as per direction of Engineer-in-charge.	47.28	983.25	Rupees Nine hundred eighty three and paise twenty five only	Per Square metre	46488
8	Providing and fixing 19mm (Nineteen millimeter) thick Commercial Board water proof shutters for up boards i/c fixing with nickel plated piano hinges with screws etc complete) within all leads and lift including carriage of material in all respect and as per direction of Engineer-in-charge.	13.32	1190.00	Rupees thousand hundred ninety and paise zero only	Per Square metre	15850

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9	Providing and fixing 1.00mm (One millimetre) thick coloured or plain lamination sheet (surmica) on boards/ply wood sheets with approved adhesive and nails etc complete within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	79.25	637.40	Rupees Six hundred thirty seven and paise forty only	Per square metre	50512
10	Providing and fixing 4mm thick burl ply of standard quality and of approved shade and design wall lining including fixing with approved adhesive, butt jointing and nails and screws complete (Base frame work to be measured and paid for separately within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	8.14	351.00	Rupees Three hundred fifty one and paise zero only	Per square metre	2857
11	Providing and fixing egging tape on the corner of CB etc. within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	72.73	50.00	Rupees Fifty and paise zero only	Per Running metre	3637
12	Polishing two coats with malamine polish of required shade on new wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	51.66	114.80	Rupees One hundred fourteen and paise eighty only	Per Square metre	5931
13	Providing and fixing plain square edged cover filets/beading) 50mmx 12mm section with wood screws in ceiling and lining including mitring at junction extra for making chamfered edges of beading 1st class deodar wood within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	32.41	64.05	Rupees Sixty four and paise zero five only	Per Running metre	2076
14	Providing and fixing 40mm thick plain framed panelling with necessary screws priming coat on unexposed surface etc. complete with 1st class deodar wood within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	0.78	2701.35	Rupees thousand seven hundred one and paise thirty five only	Per Square metre	2107
15	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm(Zero point fifty six millimetre) for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws 2nd class deodar wood within all leads and lifts and carriage of material in all respect as per direction of Engineer-in-charge.	4.68	1958.00	Rupees thousand hundred fifty eight and paise zero only	Per Square metre	9163
16	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary plain Glass 3mm (Three millimetre) thick within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	6.32	456.70	Rupees Four hundred fifty six and paise seventy only	Per square metre	2886
17	Providing and fixing bright finished MS hydraulic door closer of approved quality within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	6	400.00	Rupees Four hundred and paise zero only	Each	2400
18	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary Plain Glass 4mm(Four millimetre) thick within all leads and lifts and carriage of material in all respect as per direction of Engineer-in-charge.	0.60	494.65	Rupees Four hundred ninety four and paise sixty five only	Per Square metre	297

19	Providing and fixing fly proof galvanised M.S. wire gauge of IS gauge designation 140 g with wire of dia 0.71 mm (Zero point seventy one millimetre) to windows and clerestory windows including 60x20 mm (Sixty x twenty millimetre) beading 2nd class deodar wood within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	0.54	533.45	Rupees Five hundred thirty three and paise forty five only	Per Square metre	288
20	Providing and fixing 2mm thick PVC antistatic vinyl Flooring plain or coloured, carbed or mosaic/metalled finish laid with approved adhesive on sub-floor (damp proofing treatment to be paid for separately) within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	3.64	847.90	Rupees Eight hundred forty seven and paise ninety only	Per Square metre	3086
21	Providing and fixing PVC floor trap ISI marked self cleaning design including fixing with approved adhesive , cost of cutting and making good the wall and floors etc. complete 110mm x 75mm within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	3	375.50	Rupees Three hundred seventy five and paise fifty only	Each	1127
22	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete within all leads and lift including carriage of material in all respect as per direction of Engineer-in-charge.	24	219.55	Rupees Two hundred nineteen and paise fifty five only	Each	5269
	(i) 110 mm(One hundred ten millimetre) dia					
	(ii) 75 mm(Seventy five millimetre) dia	6	165.00	Rupees One hundred sixty five and paise zero only	Each	990
23	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete 110 mm dia within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	4	94.30	Rupees Ninety four and paise thirty only	Each	377
24	Providing and fixing PVC collars ISI marked including fixing with approved adhesive within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.					
	ii) 110mm (One hundred Ten millimetre) dia					
		4	65.60	Rupees Sixty five and paise sixty only.	Each	262
	(ii) 75 mm(Seventy five millimetre) dia					
		3	48.30	Rupees Forty eight and paise thirty only	Each	145
25	Providing and fixing PVC single equal branch plain ISI marked including fixing with approved adhesive within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.					

	ii) 110mm (One hundred Ten millimetre) dia	2	123.00	Rupees One hundred twenty three and paise zero only.	Each	246
	ii) 75 mm (Seventy five millimetre) dia	2	88.60	Rupees Eighty eight and paise sixty only.	Each	177
26	Providing and fixing PVC offset 45 degree ISI marked including fixing with approved adhesive etc. complete within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.					
	i) 110mm (One hundred Ten millimetre) dia	2	116.60	Rupees One hundred twenty three and paise zero only.	Each	233
	ii) 75 mm (Seventy five millimetre) dia	2	88.60	Rupees Eighty eight and paise sixty only.	Each	177
27	Providing and fixing PVC door bend with oval access door. ISI marked insertion rubber washer 3mm (Three millimetre) thick washer, bolts and nuts complete including fixing with approved adhesive etc. complete within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.					
	i) 110mm (One hundred ten millimetre) dia	2	186.30	Rupees One hundred eighty six and paise thirty only	Each	373
	ii) 75 mm (Seventy five millimetre) dia	2	123.00	Rupees One hundred twenty three and paise zero only	Each	246
28	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes conforming to IS 15801, UV stabilized & anti - microbial fusion welded, having thermal stability for hot & cold water supply, including all PP - R plain & brass threaded polypropylene random fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes testing of joints complete as per direction of Engineer-in-Charge conserved work, including cutting chases and making good the wall etc. PN - 16 Pipe, 25mm OD (SDR-7.4) within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	32.00	336.50	Rupees Three hundred thirty six and paise fifty only	Per Running metre	10768
29	Providing and fixing vitreous china wash down water closet (European type W.C. pan) with P or S trap, including jointing the trap with soil pipe in cement mortar 1:1 (One cement : One sand) one piece (Jaquar) within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	1	14100.00	Rupees Fourteen thousand one hundred and paise zero only	Each	14100

30	Providing and fixing Gysar 25 litre (Hind ware) within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	1	9990.00	Rupees Nine thousand nine hundred ninety and paise zero only	Each	9990
31	Providing and fixing corner shelf 3 piece set within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	1	850.00	Rupees Eight hundred fifty and paise zero only	Each	850
32	Providing and fixing toilet paper holder CP brass within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	1	725.00	Rupees Seven hundred twenty five and paise zero only	Each	725
33	Providing and fixing 32mm(Thirty two millimetre) dia C.P. brass waste for wash basin and sink. (Jaquar) within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	3	475.00	Rupees Four hundred seventy five & paise zero only	Each	1425
34	Providing and fixing waste pipe 32mm PVC pipe and sink including PVC union chock complete within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	3	100.00	Rupees One hundred and paise zero only	Each	300
35	Providing and fixing 100mm(One hundred millimetre) dia chromium plated grating of superior quality for floor, gully or Nahani trap within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	3	48.30	Rupees Forty eight and paise thirty only.	Each	145
36	Providing and fixing c.p. brass angle valve 15mm (Fifteen millimetre) without Nuts and pipe within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	7	414.00	Rupees Four hundred fourteen & paise zero only	Each	2898
37	Providing and fixing brass bib tap (Superior or heavy type) 15mm dia long nose within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	2	599.10	Rupees Five hundred ninety nine and paise ten only	Each	1198
38	Providing and fixing one hole basin mixing faucet within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	1	1240.00	Rupees One thousand two hundred forty & paise zero only	Each	1240
39	Providing and fixing wall mixing faucet for shower and bath with overhead pipe (1210cm) and bath shower within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	1	2075.75	Rupees Two thousand seven hundred and paise five only	Each	2076
40	Providing and fixing bath shower within all leads and lift including carriage of material in all respect as per direction of Engineer-in-charge.	1	477.20	Rupees Four hundred seven and paise twenty only	Each	477

41	Providing and fixing 600mm x 120 mm (Six hundred millimetre x One hundred twenty millimetre) glass shelf with C.P. Brass bracket and guard rail complete, fixed to wooden pluges with C.P. Brass screws within all leads and lift including carriage of material in all respect as per direction of Engineer-in-charge.	2	351.30	Rupees Three hundred fifty one and paise thirty only	Each	703
42	Providing and fixing 25mm diametre curtain rods with brackets plugs etc. where ever required within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	12.00	290.00	Rupees two hundred ninety and paise zero only	Per Running metre	3480
43	Providing and fixing 600mm(Six hundred millimetre x 450mm (Four hundred fifty millimetre) bevelled edge mirror of superior glass mounted on 6mm (Six millimetre) thick A.C or plywood sheet and fixing to wooden plugs with C.P Brass screws and washers within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	1	854.10	Rupees Eight hundred fifty four and paise ten only	Each	854
44	Providing and fixing CP brass tower rack complete with CP brass brackets fixed to wooden plugs with CP brass MR screws 600mm x 20mm within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	1	2600.00	Rupees two thousand six hundred and paise zero only	Each	2600
45	Providing and fixing CP brass towel ring within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	1	650.00	Rupees Six hundred fifty and paise zero only	Each	650
46	Providing and fixing vitreous china wash basin with single hole for pillar tap with C.I. or M.S. brackets painted with white including cutting holes and making good the same but excluding fitting flat back 550x400mm (Five hundred fifty x four hundred millimetre) within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	1	1210.50	Rupees thousand two hundred ten and paise fifty only.	Each	1211
47	Providing and fixing vitreous china pedestal for wash basin complete recessed at the back for the reception of pipes and fittings within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	2	933.80	Rupees Nine hundred thirty three and paise eighty only.	Each	1868
48	Providing and fixing soap dispenser within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	1	630.00	Rupees Six hundred thirty and paise zero only	Each	630
49	Providing and fixing charomium plated brass soap dish with C.P. Brass brackets fixed to wooden cleats with C.P. Brass screws within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	2	256.00	Rupees Two hundred fifty six and paise zero only	Each	512
50	Providing and fixing CP connection with brass unions 300/450mm length 15mm nominal bore within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge..	5	280.00	Rupees Two hundred eighty and paise zero only	Each	1400

51	Providing and fixing hand jet faucet(Jaquar) within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	1	1575.00	Rupees thousand five hundred seventy five & paise zero only	One five hundred seventy five	Each	1575
52	Providing and fixing fancy handles 6" within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	25	110.00	Rupees One hundred ten & paise zero only	Each	2750	
53	Providing and fixing Auto closing concealed hinges within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	19	450.00	Rupees Four hundred fifty & paise zero only	Each	8550	
54	Providing and fixing Telescopic channel 18"within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	9	500.00	Rupees Five hundred & paise zero only	Pair	4500	
55	Providing and fixing plastic seat (Solid/Hollow type) and cover for wash down water closet with CP brass hinges and rubber buffers(for single piece WC) within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	2	2150.00	Rupees Two thousand hundred fifty & paise zero only	Each	4300	
56	Steel work rivetted in built up sections including cutting,hoisting, fixing,in position and applying a priming coat of red lead paint in beams joists,channels angles,tees,flats with connecting plates or angle cleats as in main and cross beams hip and jack rafters purlins connected to common rafters and the like within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	2.50	6144.75	Rupees Six thousand one hundred forty four and paise Seventy five only	Per Quintal	15362	
57	Providing and fixing polycarbonatd transparent sheet 1.20mm (One point twenty millimetre) thick in roofing with galvanised J or L hooks bolts and nuts with G.I. Limpet and bitumen rubber Washer complete with all accessories as required as per direction of Engineer-in-Charge within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	43.86	1426.25	Rupees thousand four hundred twenty six and paise twenty five only	Per Square metre	62555	
					Total	425242	

Draft schedule of quantity approved for Rs 4,25,242/- only

Executive Engineer,
Kullu Division
HP PWD Kullu

DRAFT SCHEDULE OF QUANTITY

Name of work:- Restoration of rain damages on Nagujhor Thach Mashna road Km. 0/0 to 10/500 (SH:- C/O R/wall at RD. 6/980 to 7/0)

Estimated cost:- Rs. 2,41,611.00
Earnest money :- Rs. 4,800.00
Time :- Two months.

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Sr. No.	Description	Qty	Figure	Words	Unit	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 any lead, dressing of sides and bottom and back filling in trenches with excavated suitable material within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	57.30	128.15	Rupees One hundred twenty eight and paise fifteen only	Per cubic metre	7343
2	Providing and laying concrete for plain/ reinforced concrete 1:6:12 (One cement :Six sand : Twelve graded stone aggregate 40mm (Forty millimetre nominal size) in open foundations complete as per drawing and technical specification clause 802,803,1202 and 1203 within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	9.80	1933.60	Rupees One thousand nine hundred thirty three and paise sixty only	Per cubic metre	18949
3	Stone masonry work in cement mortar for sub structure complete as per drawing and technical specifications clause 702,704,1202 and 1204 Random rubble masonry in cement mortar 1:6 (One cement : Six sand) within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	59.32	2084.90	Rupees Two thousand eighty four and paise ninety only	Per cubic metre	123676
4	Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etc. for sub structure and super structure complete as per drawing and technical specification clause 704.6 & 1302.5 within all leads and lift of materials and as per direction of Engineer-in-charge.	63.23	1326.05	Rupees One thousand three hundred twenty six and paise zero five only	Per cubic metre	83846
5	Back filling behind abutment, wing wall and return wall complete as per drawing and technical specification clause 1204.3.8 Granular material. within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	16.20	481.30	Rupees Four hundred eighty one and paise thirty only	Per cubic metre	7797
					Total	241611

Draft Schedule of Quantity checked and approved
for No. 341, 611/- only

Executive Engineer,
Kullu Division
HP, PWD-Kullu

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DRAFT SCHEDULE OF QUANTITY

Name of work:- Restoration of rain damages on Darka to Bhunteer road Km. 0/0 to 7/500
(SH:- Construction of B/wall at RD. 1/600 to 1/610)

Estimated cost:-2,21,601.00
Earnest money :- 4,400.00

Time :- Two months

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Excavation in soil in hilly area by manual means including cutting and trimming of side slopes and disposing of excavated earth with all leads & lift, as per drawing and technical specification clause 1603.1 within all leads and lift of materials and as per direction of Engineer-in-charge.	107.10	73.40	Rupees Seventy three and paise forty only	Per cubic metre	7861
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 any lead, dressing of sides and bottom and backfilling in trenches with excavated suitable material within all leads and lift of materials and as per direction of Engineer-in-charge.	12.10	128.15	Rupees One hundred twenty eight and paisa fifteen only	Per cubic metre	1551
3	Providing and laying concrete for plain/ reinforced concrete 1:4:8 (One cement : Four sand : Eight graded stone aggregate 40mm (Forty millimetre nominal size) in open foundations complete as per drawing and technical specification clause 802.803.1202 and 1203. within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	89.36	2346.15	Rupees two thousand three hundred forty six and paise fifteen only	Per cubic metre	209652
4	Providing weap holes in brick masonry/ stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20 (H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7. within all leads and lift of materials and as per direction of Engineer-in-charge.	10	253.70	Rs. Two hundred fifty three and paise seventy only.	Each	2537
Total:-						221601

Draft schedule of qty approved for Rs. 221601/- only

Executive Engineer,
Kullu Division,
HP PWD Kullu

DRAFT SCHEDULE OF QUANTITY

Name of work:- Restoration of rain damages on Darka Bhuntee road Km. 0/0 to 7/500 (SH:- Construction of Retaining wall at RD.3/450 to 3/458)

Estimated cost:- Rs. 2,12,713.00
Earnest money :- Rs. 4,300.00
Time :- Two months.

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	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 any lead, dressing of sides and bottom and back filling in trenches with excavated suitable material within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	18.64	128.15	Rupees One hundred twenty eight and paise fifteen only	Per cubic metre	2389
2	Providing and laying concrete for plain/ reinforced concrete 1:6:12 (One cement :Six sand : Twelve graded stone aggregate 40mm (Forty millimetre nominal size) in open foundations complete as per drawing and technical specification clause 802,803,1202 and 1203 within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	1.20	1933.60	Rupees One thousand nine hundred thirty three and paise sixty only	Per cubic metre	2320
3	Providing concrete for plain/ reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803,1202 and 1203 PCC grade M-10 nominal mix 1:3:6 (One cement : Three sand : Six graded stone aggregate) within all leads and lift including carriage of materials in all respect and as per direction of Engineer-in-charge.	67.87	2928.35	Rupees Two thousand nine hundred twenty eight and paise thirty five only	Per cubic metre	198747
4	Back filling behind abutment, wing wall and return wall complete as per drawing and technical specification clause 1204.3.8 Granular material. within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	10.80	481.30	Rupees Four hundred eighty one and paise thirty only	Per cubic metre	5198
5	Providing weap holes in brick masonry/ stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe extending through the full with of the structures with slope of 1(v):20 (H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7. within all leads and lift of materials and as per direction of Engineer-in-charge.	16	253.70	Rs. Two hundred fifty three and paise seventy only.	Each	4059
					Total	212713

Draft Schedule of Quantity checked and approved for No.2,12,713/- only

Executive Engineer,
Kuliy Division
HP, PWD Kullu

DRAFT SCHEDULE OF QUANTITY

Name of work:- Restoration of rain damages on Kullu Karon road Km. 0/0 to 15/0(SH):- Construction of R/wall at RD. 0/964 to 0/979).

Estimated cost:- 2,77,077.00
Earnest money :- 5,500.00
Time :- Two month

Sr. No.	Description of item	Qty	Figure	Rate in Words	Unit	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 any lead, dressing of sides and bottom and backfilling in trenches with excavated suitable material within all leads and lift of materials and as per direction of Engineer-in-charge.	73.72	128.15	Rupees One hundred twenty eight and paise fifteen only	Per cubic metre	9447
2	Providing and laying concrete for plain/ reinforced concrete 1:6:12 (One cement :Six sand : Twelve graded stone aggregate 40mm (Forty millimetre nominal size) in open foundations complete as per drawing and technical specification clause 802,803,1202 and 1203 within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	11.97	1933.60	Rupees One thousand nine hundred thirty three and paise sixty only	Per cubic metre	23145
3	Providing and laying concrete for plain/ reinforced concrete 1:4:8 (One cement :Four sand : eight graded stone aggregate 40mm (Forty millimetre nominal size) in open foundations complete as per drawing and technical specification clause 802,803,1202 and 1203. within all leads and lift of materials and as per direction of Engineer-in-charge.	7.05	2346.15	Rupees two thousand three hundred forty six and paise fifteen only	Per cubic metre	16540
4	Stone masonry work in cement mortar for sub structure complete as per drawing and technical specifications clause 702,704,1202 and 1204 Random rubble masonry in cement mortar 1:6 (One cement : Six sand) within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	51.42	2084.90	Rupees Two thousand eighty four and paise ninety only	Per cubic metre	107206
5	Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etc. for sub structure and super structure complete as per drawing and technical specification clause 704.6 & 1302.5 within all leads and lift of materials and as per direction of Engineer-in-charge.	68.86	1326.05	Rupees One thousand three hundred twenty six and paise zero five only	Per cubic metre	91312
6	Back filling behind abutment, wing wall and return wall complete as per drawing and technical specification clause 1204.3.8 Granular material. within all leads and lift of materials and as per direction of Engineer-in-charge.	27.00	481.30	Rupees Four hundred eighty one and paise thirty only	Per cubic metre	12995

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7	Providing weap holes in brick masonry/ stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20 (H) towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7. within all leads and lift of materials and as per direction of Engineer-in-charge.	18	253.70	Rs. Two hundred fifty three and paise seventy only.	Each	4567
8	Construction of hill side drain in PCC grade M-10 accordance with the requirement of specification true to line and grade,dimension and other particular as per drawing and technical specification clause 1606.1 within all leads and lift of materials and as per direction of Engineer-in-charge.	50.00	237.30	Rupees two hundred thirty seven and paise thirty only.	Per Running metre	11865
					Total:-	277077

Draft schedule of quantity approved for Rs 2,77,077 only

Executive Engineer,
Kullu Division,
HP:PWD Kullu

DRAFT SCHEDULE OF QUANTITY

Name of work:- Special repair of Taxi Stand at Dhalpur Kullu (SH:- Providing and laying BM and BC) Job No 1

Estimated cost:-4,92,998.00
Earnest money :- 10,000.00

Time :- One month

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Providing and applying tack coat using bitumen emulsion conforming to IS:8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom With medium setting bitumen emulsion On bituminous surface @ 0.25kg/sqm.(Zero point two five kilogram/square metre) within all leads and lift including carriage of material in all respect and as per direction of Engineer-In-charge.	1149.00	17.50	Rupees Seventeen and paise fifty only	Per Square metre	20108
2	Providing and laying bituminous macadam with hot mix plant using crushed aggregates of grading as per Table 500.4 premixed with bituminous binder, transported to site upto a lead of 1000 m 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 within all leads and lift including carriage of material in all respect and as per direction of Engineer-In-charge.	9.53	9433.30	Rupees Nine thousand four hundred thirty three and paise thirty only	Per Cubic metre	89899
3	Providing and laying 30mm(Thirty millimeter) thick bituminous concrete (VG-10) with 100-120 TPH batch type hour mix plant producing an average output of 40-60(Forty-sixty) tonnes per hour using crushed aggregates of specified grading, premix with bituminous binder @ 5.4(Five point four) to 5.6 (Five point six) percent of mix and filter, transporting the hot mix to work site, laying a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specification clause No. 509 complete within all leads and lift including carriage of material in all respect and as per direction of Engineer-In-charge.	28.73	13330.70	Rupees Thirteen thousand three hundred thirty and paise seventy only	Per Square Metre	382991
					Total	492998

Draft schedule of quantity approved for Rs 4,92,998/- only

Executive Engineer,
Kullu Division,
H.P.R.W.D Kullu

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