



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/2022-2023- 3687-94

Dated:- 7-6-2022


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 18.06.2022 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, 6<sup>th</sup> 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.		17.06.2022 upto 4:00 PM		
2	Date of issue/sale of tender form.		17.06.2022 upto 4:00 PM		
3	Date of receipt of tender.		18.06.2022 upto 10:30 PM		
4	Date of opening tender.		18.06.2022 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	Special repair to Bhunter Manikaran road Km. 1/610 to 35/110 (SH:- Providing and laying bituminous concrete at RD 30/065 to 30/232.50).	3,62,211/-	7,300/-	Two months	350/-
2	Special repair to Bhunter Manikaran road Km. 1/610 to 35/110 (SH:- Providing and laying bituminous concrete at RD 29/892.50 to 30/065).	3,59,088/-	7,200/-	Two months	350/-
3	Special repair to Bhunter Manikaran road Km. 1/610 to 35/110 (SH:- Providing and laying bituminous concrete at RD 29/720 to 29/892.50).	3,59,110/-	7,200/-	Two months	350/-
4	A/R and M/O Jallugran to Ratocha road Km. 0/0 to 5/0 (SH:- Balance work of repair of Pot Holes in Km. 4/570 to 5/0).	3,84,881/-	7,700/-	Two months	350/-
5	A/R and M/O Jallugran to Ratocha road Km. 0/0 to 5/0 (SH:- Balance work of repair of Pot Holes in Km. 4/540 to 4/570).	3,84,904/-	7,700/-	Two months	350/-
6	Construction of Sports ground at Govt. Senior Secondary School Khalogi (SH:- Construction of R/wall for extension for Sports grounds (Deposit)).	4,97,037/-	10,000/-	Two months	350/-
7	Metalling and Tarring on link road from MDR-29 to village Naraini in Gram Panchayat Balh (SH:- Construction of edge wall in Km. 0/285 to 0/300 and CC pavement in Km. 0//300 to 0/370).	2,74,291/-	6,000/-	Two months	350/-
8	Construction of Lashni to Sangtehar road Km. 0/0 to 3/660 (SH:- P/L Kharanja stone soling in various reaches) under SCSP.	4,99,356/-	10,000/-	Two months	350/-
9	A/R and M/O Chharour Nallah to Bharain road Km. 0/0 to 4/070 (SH:- Repair of pot holes at Km. 0/0 to 2/750).	4,71,145/-	9,400/-	Two months	350/-
10	Restoration of rain damages on Shetajol to Lashni road Km. 0/0 to 4/500 (SH:- C/O Breast wall at RD 3/955 to 3/955 and 4/010 to 4/025).	4,62,908/-	9,300/-	Two months	350/-
11	Construction of missing culvert in Chharour Nallah to Barogi road Km. 0/0 to 7/850 (SH:- Construction of Hume pipe culvert at RD 4/800).	2,59,208/-	5,000/-	Two months	350/-



12	Metalling and Tarring in link road from MDR-29 to village Naraini Gram Panchayat Balh-2 (SH:- Providing and laying Tack coat, premix carpet and Seal coat etc.).	2,79,487/-	6,000/-	Two months	350/-
13	A/R and M/O Bhunter Manikaran road Km. 1/610 to 35/110 (SH:- Repair of pot holes in Km. 22/00 to 24/00).	4,04,506/-	8,000/-	One month	350/-
14	A/R and M/O Bhunter Manikaran road Km. 1/610 to 35/110 (SH:- Repair of Pot Holes in Km. 19/500 to 21/00).	3,16,317/-	6,500/-	One month	350/-
15	A/R and M/O Bhunter Manikaran road Km. 1/610 to 35/110 (SH:- Repair of Pot holes in Km. 16/00 to 19/500).	3,16,316/-	6,500/-	One month	350/-
16	Restoration of rain damages on Rujak Shallang road Km. 0/0 to 7/00 (SH:- Construction of Retaining wall at RD 0/900 to 0/915 under BASP.	4,56,324/-	9,000/-	Two months	350/-
17	A/R and M/O Shitla Mata Temple to Loran road Km. 0/0 to 0/600 (SH:- Providing and laying G-III and Metalling/Tarring etc.).	1,41,717/-	3,000/-	Two months	350/-
18	Restoration of rain damages on Dughilug to Dubkan road (SH:- Construction of R/wall at RD 2/960 to 2/970).	1,87,454/-	3,800/-	Two months	350/-
19	Restoration of rain damages on Dughilug to Dubkan road (SH:- C/O PCC Breast wall at RD 2/420 to 2/432).	2,94,474/-	6,000/-	Two months	350/-
20	Restoration of rain damages on Sanatan Dharam Sabha road Km. 0/0 to 0/160 (SH:- C/O Retaining wall at Km. 0/146 to 0/156) Phase-I (Deposit).	3,29,332/-	6,600/-	Two months	350/-
21	Restoration of rain damages on Khalara Nallah to Chhurla road Km. 0/0 to 4/200 (SH:- Construction of PCC V-shape drain at RD 0/0 to 0/100, PCC parapet and edge wall at RD 0/790 to 0/810).	4,86,898/-	3,800/-	Two months	350/-
22	Repair to Arts and Administrative Block building Govt. Degree College Kullu District Kullu (H.P.) (SH:- Providing and laying scaffolding).	2,46,733/-	5,000/-	Two months	350/-
23	A/R and M/O Chhurla to Khanipandhe road Km. 0/0 to 7/500 (SH:- Providing and laying patch work in Km. 2/0 to 3/0).	4,01,645/-	8,000/-	Two months	350/-
24	A/R and M/O Chhurla to Khanipandhe road Km. 0/0 to 7/500 (SH:- Providing and laying balance patch work in Km. 2/0 to 7/500).	4,54,991/-	9,000/-	Two months	350/-
25	A/R and M/O various road under Kharahal Section (SH:- Repair of Pot holes at various RDs).	3,72,535/-	7,500/-	Two months	350/-
26	Balance work of Construction of additional Accommodation (Block A & Black B with toilets for the District Library Kullu (SH: C/O CC 1:3:6 Breast wall at RDs 0/028 to 0/036 & RS of block A etc). Job-II	4,96,864/-	10,000/-	Two months	350/-



27	Balance work of Construction of additional Accommodation (Block A & Black B with toilets for the District Library Kullu (SH: C/O CC 1:3:6 Breast wall at RDs 0/021 to 0/028 & RS of block A etc). Job-I	4,96,316/-	10,000/-	Two months	350/-
28	A/R & M/O Session House at Kullu (SH: Painting Distempering etc).	1,00,136/-	2,000/-	Three months	350/-
29	A/R & M/O General Pooled Accommodation ( SH: C/O 2 Nos. garage, Repainted sheet roofing and rolling and rolling shutter etc in type -V residence of CJM near hotel Sarwari.	1,78,976/-	4000/-	Two months	350/-
30	Restoration of rain damages on various road (Kharahal Section) under Kullu Sub Division (SH:- Hiring o JCB/stone Breaker for Breaking of stone/removal of slips/muck debries etc. at various RDs).	1,37,500/-	3,000/-	One month	350/-
31	A/R and M/O residential building under Kullu Division (SH:- Construction of boundary wall of type-II No. and retaining wall of type-II qtr. at field hostel Kullu).	78,780/-	1,600/-	Two months	350/-
32	Special repair of A.E Residence at Mohal (SH:- Tile flooring, plastering and other minor repair work).	57,399/-	1,500/-	Two months	350/-
33	Special repair of Mohal Rest House (SH:- Construction of Almirah).	1,78,078/-	4,000/-	Two months	350/-
34	Construction of link road from Chanjad to Banonter Km. 0/0 to 1/500 (SH:- Providing and laying PCC 1:2:4 with lean concrete 1:5:10 in 0/535 to 0/650).	4,60,879/-	9,200/-	One month	350/-
35	Construction of 4 Nos. type-II residential quarter at Agriculture colony Akhara Bazar Kullu (SH:- Excavated sludge material /dewatering in foundation treaches etc.).	1,45,236/-	2,100/-	One month	350/-
36	Restoration of rain damages on link road leading to Jindi Fallan from Dughilug to Dubakn road Km. 0/0 to 4/550 (SH:- C/O Retaining wall and toe wall at RD 3/840 to 3/853).	4,41,638/-	9,000/-	Two months	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/2022-2023-

3695-3755

Dated:- 7/6/22

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, 6<sup>th</sup> 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.**



# **SCHEDULE OF QUANTITY**

Name of work:- Special repair to Bhunter Manikaran road Km. 1/6/10 to 35/110 (SH:- Providing and laying bituminous concrete at RD. 30/065 to 30/232.50)

Estimated cost:-3,62,211.00  
Earnest money :- 7,300.00  
Time :- Two months

Sr. No.	Description	Qty	Rate in		Unit	Amount
			Figure	Words		
1	Supplying and stacking at site of work graded/ crushed stone aggregate of hard stone of approved quality to WBM specifications grade-II with 53 mm (Fifty three millimetre) to 22.4 mm (Twenty two point four millimetre) nominal size, free of disintegrated pieces, deleterious and organic matter stacking the material at suitable site in proper stacks as per direction of Engineer-in-charge. The aggregate should pass through as per PWD specification, so as to give a grading of required proportion as per PWD specification within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	24.75			Per Cubic metre	
2	Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 (Three) wheeled road/vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required density within all leads and lift including carriage of material in all respect and as per direction of Engineer-in-charge.	24.75			Per Cubic metre	
3	Providing and applying primer coat with Bitumen emulsion SS-1 on prepared granular surface including the surface & cleaning of road and spraying of primer@0.70 to 1.00kg per Sqm using mechanical maen as per technical specification clause 502 within all leads and lift including carriage of material in all respect and as per direction of Engineer-In-charge.	330.35			Per Square Metre	
4	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.	837.50			Per Square Metre	

(1)



5	Providing and laying Bituminous concrete using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification, complete and as per directions of Engineer-In-Charge 40/50 mm (Forty/ fifty millimetre ) compacted thickness with bitumen of grade VG-30 @ 5.5%(Five point five percent) (percentage by weight of total mix) and lime filler @ 3%(Three percent) (percentage by weight of Aggregate) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity within all leads and lift including carriage of material in all respect and as per direction of Engineer-In-charge.	25.13			Per Cubic metre	
					Total	

  
 Executive Engineer,  
 Kullu Division,  
 HP.PWD Kullu



# **SCHEDULE OF QUANTITY**

**Name of work:-** Special repair to Bhunter Manikaran road Km. 1/6/10 to 35/110 (SH:- Providing and laying bituminous concrete at RD. 29/892.50 to 30/065)

Estimated cost:-3,59,088.00  
Earnest money :- 7,200.00  
Time :- Two months

Sr. No.	Description	Qty	Rate in		Unit	Amount
			Figure	Words		
1	Supplying and stacking at site of work graded/ crushed stone aggregate of hard stone of approved quality to WBM specifications grade-III with 53 mm (Fifty three millimetre) to 22.4 mm (Twenty two point four millimetre) nominal size, free of disintegrated pieces, deleterious and organic matter stacking the material at suitable site in proper stacks as per direction of Engineer-in-charge. The aggregate should pass through as per PWD specification, so as to give a grading of required proportion as per PWD specification within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	21.11			Per Cubic metre	
2	Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 (Three) wheeled road/vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required density within all leads and lift including carriage of material in all respect and as per direction of Engineer-In-charge.	21.11			Per Cubic metre	
3	Providing and applying primer coat with Bitumen emulsion SS-I on prepared granular surface including the surface & cleaning of road and spraying of primer@0.70 to 1.00kg per Sqm using mechanical maen as per technical specification clause 502 within all leads and lift including carriage of material in all respect and as per direction of Engineer-In-charge.	282.00			Per Square Metre	
4	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.	862.50			Per Square Metre	

5	Providing and laying Bituminous concrete using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equiped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification, complete and as per directions of Engineer-in-Charge 40/50 mm (Forty/ fifty millimetre ) compacted thickness with bitumen of grade VG-30 @ 5.5%(Five point five percent) (percentage by weight of total mix) and lime filler @ 3%(Three percent) (percentage by weight of Aggregate) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity within all leads and lift including carriage of material in all respect and as per direction of Engineer-In-charge.	25.88					Per Cubic metre	
							Total	

Executive Engineer,  
Kullu Division,  
HP.PWD Kullu



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### SCHEDULE OF QUANTITY

Name of work:- Special repair to Bhunter Manikaran road Km. 1/610 to 35/110 (SH:- Providing and laying bituminous concrete at RD. 29/720 to 29/892.50)

Estimated cost:-3,59,110.00  
Earnest money :- 7,200.00  
Time :- Two months

Sr. No.	Description	Qty	Figure	Words	Unit	Amount
1	Supplying and stacking at site of work graded/ crushed stone aggregate of hard stone of approved quality to WBM specifications grade-III with 53 mm (Fifty three millimetre) to 22.4 mm (Twenty two point four millimetre) nominal size, free of disintegrated pieces, deleterious and organic matter stacking the material at suitable site in proper stacks as per direction of Engineer-in-charge. The aggregate should pass through as per PWD specification, so as to give a grading of required proportion as per PWD specification within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	21.12			Per Cubic metre	
2	Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 (Three) wheeled road/vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required density within all leads and lift including carriage of material in all respect and as per direction of Engineer-in-charge.	21.12			Per Cubic metre	
3	Providing and applying primer coat with Bitumen emulsion SS-1 on prepared granular surface including the surface & cleaning of road and spraying of primer@0.70 to 1.00kg per Sqm using mechanical maen as per technical specification clause 502 within all leads and lift including carriage of material in all respect and as per direction of Engineer-In- charge.	282.00			Per Square Metre	
4	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.	862.50			Per Square Metre	

5	Providing and laying Bituminous concrete using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification, complete and as per directions of Engineer-In-Charge 40/50 mm (Forty/ fifty millimetre ) compacted thickness with bitumen of grade VG-30 @ 5.5%(Five point five percent) (percentage by weight of total mix) and lime filler @ 3%(Three percent) (percentage by weight of Aggregate) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity within all leads and lift including carriage of material in all respect and as per direction of Engineer-In-charge.	25.88					Per Cubic metre	
							Total	

  
 Executive Engineer,  
 Kullu Division ,  
 HP.PWD Kuliy



(4)

### SCHEDULE OF QUANTITY


Estimated cost:- 3,84,881.00  
Earnest money :- 7,700.00

Time :- Two months

Name of work:- A/R and M/O Jallugran to Ratocha road Km. 0/0 to 5/0 (Sh:- Balance work of repair of Pot holes in Km. 4/570 to 5/0 )

Sr. No.	Description	Qty	Figure	Words	Unit	Amount
1	Preparation and consolidation of sub grade with power road roller of 8 (Eight) to 12(Twelve) tonne capacity after excavating earth to an average of 22.5 cm (Twenty two point five centimetre ) depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth with any lead within all leads and lift including carriage of materials and as per direction of Engineer-in- charge.	701.50			Per Square metre	
2	Supplying and stacking at site of work graded/ crushed stone aggregate of hard stone of approved quality to WBM specifications grade-III with 53 mm (Fifty three millimetre) to 22.4 mm (Twenty two point four millimetre) nominal size, free of disintegrated pieces, deleterious and organic matter stacking the material at suitable site in proper stacks as per direction of Engineer-in- charge. The aggregate should pass through as per PWD specification, so as to give a grading of required proportion as per PWD specification within all leads and lift including carriage of materials and as per direction of Engineer-in- charge.	52.60			Per Cubic metre	
3	Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 (Three) wheeled road/vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required density within all leads and lift including carriage of material in all respect and as per direction of Engineer-in- charge.	52.60			Per Cubic metre	
4	Providing and applying primer coat with Bitumen emulsion SS-I on prepared granular surface including the surface & cleaning of road and spraying of primer@0.70 to 1.00kg per Sqm using mechanical maen as per technical specification clause 502 within all leads and lift including carriage of material in all respect and as per direction of Engineer-in- charge.	701.50			Per Square Metre	

5	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.	701.50			Per Square Metre	
6	2 cm(Two centimetre) premix carpet surfacing with 1.8 cum (One point eight cubic metre ) and 0.90 cum (Zero point ninety cubic metre ) of stone chippings of 13.2 mm (Thirteen point two millimetre ) size and 11.2 mm (Eleven point two millimetre ) size respectively per 100 sqm (One hundred square metre) and 52 kg (Fifty two kilogram) and 56 kg (Fifty six kilogram ) of hot bitumen per cum of stone chippings of 13.2 mm (Thirteen point two millimetre ) size and 11.2 mm (Eleven point two millimetre ) size respectively, including a tack coat with hot straight run bitumen, including consolidation with road roller of 6(Six) to 9(Nine ) tonne capacity etc. complete (tack coat to be paid for separately) With paving Asphalt grade VG - 10(Ten) heated and then mixed with solvent at the rate of 70(Seventy ) grams per kg of asphalt within all leads and lift including carriage of material in all respect and as per direction of Engineer-In-charge.	701.50			Per Square Metre	
7	Providing and laying seal coat of premixed fine aggregate ( passing 2.36 mm(Two point thirty six millimetre ) and retained on 180 (One hundred eighty ) micron sieve) with bitumen using 128 kg (One hundred twenty eight kilogram) of bitumen of grade VG - 10(Ten) bitumen per cum of fine aggregate and 0.60(Zero point sixty) cubic metre of fine aggregate per 100 (One hundred) square metre of road surface , including rolling and finishing with road roller all complete within all leads and lift including carriage of material in all respect and as per direction of Engineer-In-charge.	701.50			Per Square Metre	
					Total	

  
 Executive Engineer,  
 Kullu Division ,  
 HP.PWD Kullu



# SCHEDULE OF QUANTITY

Estimated cost:-3,84,904.00  
Earnest money :- 7,700.00

Time :- Two months

Name of work:- A/R and M/O Jallugran to Ratocha road Km. 0/0 to 5/0 (SH:- Balance work of repair of Pot holes in Km. 4/540 to 4/570 )

Sr. No.	Description	Qty	Rate in		Unit	Amount
			Figure	Words		
1	Preparation and consolidation of sub grade with power road roller of 8 (Eight) to 12(Twelve) tonne capacity after excavating earth to an average of 22.5 cm (Twenty two point five centimetre ) depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth with any lead within all leads and lift including carriage of materials and as per direction of Engineer-in- charge.	701.50			Per Square metre	
2	Supplying and stacking at site of work graded/ crushed stone aggregate of hard stone of approved quality to WBM specifications grade-III with 53 mm (Fifty three millimetre) to 22.4 mm (Twenty two point four millimetre) nominal size, free of disintegrated pieces, deleterious and organic matter stacking the material at suitable site in proper stacks as per direction of Engineer-in- charge. The aggregate should pass through as per PWD specification, so as to give a grading of required proportion as per PWD specification within all leads and lift including carriage of materials and as per direction of Engineer-in- charge.	52.61			Per Cubic metre	
3	Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 (Three) wheeled road/vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required density within all leads and lift including carriage of material in all respect and as per direction of Engineer-in- charge.	52.61			Per Cubic metre	
4	Providing and applying primer coat with Bitumen emulsion SS-1 on prepared granular surface including the surface & cleaning of road and spraying of primer@0.70 to 1.00kg per Sqm using mechanical maen as per technical specification clause 502 within all leads and lift including carriage of material in all respect and as per direction of Engineer-In- charge.	701.50			Per Square Metre	

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5	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.	701.50				Per Square Metre	
6	2 cm(Two centimetre) premix carpet surfacing with 1.8 cum (One point eight cubic metre) and 0.90 cum (Zero point ninety cubic metre) of stone chippings of 13.2 mm (Thirteen point two millimetre) size and 11.2 mm (Eleven point two millimetre) size respectively per 100 sqm (One hundred square metre) and 52 kg (Fifty two kilogram) and 56 kg (Fifty six kilogram) of hot bitumen per cum of stone chippings of 13.2 mm (Thirteen point two millimetre) size and 11.2 mm (Eleven point two millimetre) size respectively, including a tack coat with hot straight run bitumen, including consolidation with road roller of 6(Six) to 9(Nine) tonne capacity etc. complete (tack coat to be paid for separately) With paving Asphalt grade VG - 10(Ten) heated and then mixed with solvent at the rate of 70(Seventy) grams per kg of asphalt within all leads and lift including carriage of material in all respect and as per direction of Engineer-In-charge.	701.50				Per Square Metre	
7	Providing and laying seal coat of premixed fine aggregate ( passing 2.36 mm(Two point thirty six millimetre) and retained on 180 (One hundred eighty) micron sieve) with bitumen using 128 kg (One hundred twenty eight kilogram) of bitumen of grade VG - 10(Ten) bitumen per cum of fine aggregate and 0.60(Zero point sixty) cubic metre of fine aggregate per 100 (One hundred) square metre of road surface, including rolling and finishing with road roller all complete within all leads and lift including carriage of material in all respect and as per direction of Engineer-In-charge.	701.50				Per Square Metre	
						Total	

Executive Engineer,  
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# SCHEDULE OF QUANTITY

Name of work:- Construction of Sports ground at Govt. Senior Secondary school Khalogi (SH:- Construction of R/wall for extension of Sports ground(Deposit)

Estimated cost:- Rs. 4,97,037.00  
Earnest money :- Rs. 10,000.00  
Time :- Two months

Sr. No.	Description	Qty	Rate in		Unit	Amount
			Figure	Words		
1	Earth work in excavation by mechanical means(Hydraulic excavator)/ manual means over area (Exceeding any depth and width as well as 10 sqm. (Ten square metre ) of plan) including getting out and disposal of excavated earth upto any lead and lift upto as directed by Engineer-in-charge 2.7.1 in ordinary rock within all leads and lift of materials and as per direction of Engineer-in-charge.	338.10			Per cubic metre	
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.	13.65			Per cubic metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering all work upto plinth level cement concrete 1:4:8 (One Cement : four coarse sand) : eight graded stone aggregate 40 mm(Forty millimetre) nominal size) within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	77.40			Per cubic metre	
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.	15.50			Per cubic metre	
					Total	

Executive Engineer,  
Kullu Division,  
HP.PWD Kullu

# SCHEDULE OF QUANTITY

Name of work:- Metalling / Tarring on link road from MDR-29 to village Naraini in Gram Panchayat Balh. (SH:- Construction of edge wall in km 0/285 to 0/300 and CC pavement in km 0/300 to 0/370)

Estimated cost:- Rs. 2,74,291.00  
Earnest money :- Rs. 6,000.00

Time :- Two months

Sr. No.	Description	Qty	Rate in		Unit	Amount
			Figure	Words		
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.	6.00			Per cubic metre	
2	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.	15.75			Per cubic metre	
3	Providing and laying concrete for plain/ reinforced concrete 1:2:4 (One cement : Two sand : four 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.	28.80			Per cubic metre	
4	Providing and laying V-shape drain mechanically mixed and vibrated with plain cement concrete M <sub>10</sub> grade with 20mm(Twenty millimeter) size with thickness of concrete as 10cm (Ten centimetre) of size 45x25cm(Forty five x twenty five centimetre) and curing complete in all respect within all leads and lift of materials and as per direction of Engineer-in- charge.	95.00			Per Running metre	
					Total	

Executive Engineer,  
Kullu Division ,  
HP PYD Kullu



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### SCHEDULE OF QUANTITY

Name of work:-Construction of Lashni to Sangtehar road Km. 0/0 to 3/660 (SH:-P/L Kharanja stone soling in various reaches ) under SCSP

Estimated cost:-4,99,356.00  
Earnest money :- 10,000.00

Time :- Two months

Sr. No.	Description	Qty	Rate in		Unit	Amount
			Figure	Words		
1	Stone soling properly hand-packed filling interstices with Kharanja stone and consolidating with power road roller to the required gradient and comber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD specification. 100 mm spread thickness (finished work including materials and labour) within all leads and lift including carriage of material in all respect as per direction of Engineer-in- charge.	389.44			Per Cubic metre	
					Total	

  
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Kullu Division ,  
HP.PWD Kullu.

# SCHEDULE OF QUANTITY

Name of work:- A/R and M/O Chhanour Nallah to Bhain road Km. 0/0 to 4/070 (SH:- Repair of Pot holes at Km. 0/0 to 2/750)

Estimated cost:-4,71,145.00  
Earnest money :- 9,400.00  
Time :- One month.

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20mm(Twenty millimeter ) premix carpet and seal coat type-B specification clause 1904.2,503 and 508.1 within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	1278.20			Per Square metre	
					Total	

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Estimated cost:-4,62,908.00  
Earnest money :- 9,300.00

**Time :- Two months**

3/965 and 4/010 to 4/025 )

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

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# **SCHEDULE OF QUANTITY**

**Name of work:-** Construction of missing culvert in Chharour Nallah to Baroji road Km. 0/0 to 7/850  
(SH:-Construction of Hume pipe culvert at RD. 4/800)

Estimated cost:- 2,59,208.00  
Earnest money :- 5,000.00  
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.	18.98			Per cubic metre	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto 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.	68.04			Per cubic metre	
3	Providing and laying concrete for plain/ reinforced concrete in open foundations complete as per drawing and technical specification clause 802,803,1202 and 1203 (PCC 1:3:6) within all leads and lift of materials and as per direction of Engineer-in- charge.	7.09			Per cubic metre	
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.	19.66			Per cubic metre	
5	Providing and laying reinforced concrete pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation protection work, back filling, concrete and masonry work in head walls and parapets clause 1108 900mm dia within all leads and lift of materials and as per direction of Engineer-in- charge.	12.50			Per Running metre	



6	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.	15.63				Per cubic metre	
						Total	

  
 Executive Engineer,  
 Kullu Division ,  
 HP.PW&S Kullu

**SCHEDULE OF QUANTITY**

Estimated cost:-2,79,487.00  
Earnest money :- 6,000.00  
Time :- Two months

**Name of work:- Metalling and Tarring in link road from MDR -29 to village Naraini Gram Panchayat Balh-2 (SH:- Providing and laying Tack coat, Premix carpet and Seal coat etc. )**

Sr. N	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Providing, laying and rolling of built-up spray grout layer over prepared base consisting of a two layer composite construction of crushed coarse aggregates using motor grader for aggregates. Key stone chips spreader may be used with application of bituminous binder after each layer, and with key aggregates placed on top of the second layer to serve as a base, conforming to the line, grades and cross-section specified, the compacted layer thickness being 75 mm(Seventy five millimetre ) as per Technical Specification Clause 505 with bitumen (VG-10) by manual mean within all leads and lift of materials and as per direction of Engineer-in- charge.	131.48			Per <del>metre</del> <sup>Sqm</sup>	
3	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.	876.50			Per Square Metre	
4	2 cm(Two centimetre) premix carpet surfacing with 1.8 cum (One point eight cubic metre ) and 0.90 cum (Zero point ninety cubic metre ) of stone chippings of 13.2 mm (Thirteen point two millimetre ) size and 11.2 mm (Eleven point two millimetre ) size respectively per 100 sqm (One hundred square metre) and 52 kg (Fifty two kilogram) and 56 kg (Fifty six kilogram ) of hot bitumen per cum of stone chippings of 13.2 mm (Thirteen point two millimetre ) size and 11.2 mm (Eleven point two millimetre ) size respectively, including a tack coat with hot straight run bitumen, including consolidation with road roller of 6(Six) to 9(Nine ) tonne capacity etc. complete (tack coat to be paid for separately) With paving Asphalt grade VG - 10(Ten) heated and then mixed with solvent at the rate of 70(Seventy ) grams per kg of asphalt within all leads and lift including carriage of material in all respect and as per direction of Engineer-In- charge.	876.50			Per Square Metre	



5	Providing and laying seal coat of premixed fine aggregate ( passing 2.36 mm(Two point thirty six millimetre ) and retained on 180 (One hundred eighty ) micron sieve) with bitumen using 128 kg (One hundred twenty eight kilogram) of bitumen of grade VG - 10(Ten) bitumen per cum of fine aggregate and 0.60(Zero point sixty) cubic metre of fine aggregate per 100 (One hundred) square metre of road surface , including rolling and finishing with road roller all complete within all leads and lift including carriage of material in all respect and as per direction of Engineer-In- charge.	876.50				Per Square Metre	
6	Providing and fixing Plastic cat eyes stud in specified colour red & yellow shade (single sides edges of road) having super high intensity retro-reflective micro prismatic touch poly carbonate lens with abrasion resistant creamer coating and ultrasonic seal to high impact Engineer grade thermoplastic body of 90x100x16mm (ninety x one hundred x sixteen millimetre) size having flex resistant base for fixing over road with epoxy or bituminous adhesive as per MoST &H specifications including entire carriage of material and as per direction of Engineer- in- charge. within all leads and lift and carriage of material in all respect as per direction of Engineer-in- charge.	120.00				Each	
						Total:-	

Executive Engineer,  
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# **SCHEDULE OF QUANTITY**

Name of work:- A/R and M/O Bhunter Manikaran road km 1/610 to 35/110 (SH:- Repair of Pot holes in km 22/00 to 24/00)

Estimated cost:- 4,04,506.00  
 Earnest money :- 8,000.00  
 Time :- One month.

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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.	1250.72			Per Square Metre	
2	Providing and laying 25mm(Twenty five millimetre) thick Bituminous concrete using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tipper, laying with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification, complete and as per directions of Engineer-In-Charge 40/50 mm (Forty/ fifty millimetre ) compacted thickness with bitumen of grade VG-10 @ 5.5%(Five point five percent) (percentage by weight of total mix) and lime filler @ 3%(Three percent) (percentage by weight of Aggregate) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity within all leads and lift including carriage of material in all respect and as per direction of Engineer-In-charge.	37.52			Per Cubic metre	
					Total	

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 HP, PWD Kullu



# SCHEDULE OF QUANTITY

Name of work:- A/R and M/O Bhunter Manikaran road km 1/6/10 to 35/110 (SH:- Repair of Pot holes in km 19/500 to 21/00)

Estimated cost:-3,16,317.00  
Earnest money :- 6,500.00  
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:8867, 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.	978.03			Per Square Metre	
2	Providing and laying 25mm(Twenty five millimetre) thick Bituminous concrete using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification, complete and as per directions of Engineer-in-Charge 40/50 mm (Forty/ fifty millimetre ) compacted thickness with bitumen of grade VG-10 @ 5.5%(Five point five percent) (percentage by weight of total mix) and lime filler @ 3%(Three percent) (percentage by weight of Aggregate) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity within all leads and lift including carriage of material in all respect and as per direction of Engineer-In- charge.	29.34			Per Cubic metre	
					Total	

Executive Engineer,  
Kullu Division  
HP/WD Kullu

# **SCHEDULE OF QUANTITY**

Name of work:- A/R and M/O Bhunter Manikaran road km 1/6:10 to 35/1:10 (SH:- Repair of Pot holes in km 16/00 to 19/500)

Estimated cost:-3,16,316.00  
Earnest money :- 6,500.00  
Time :- One month.

Sr. No.	Description	Qty	Rate in		Unit	Amount
			Figure	Words		
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.	978.00			Per Square Metre	
2	Providing and laying 25mm(Twenty five millimetre) thick Bituminous concrete using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification, complete and as per directions of Engineer-in-Charge 40/50 mm (Forty/ fifty millimetre ) compacted thickness with bitumen of grade VG-10 @ 5.5%(Five point five percent) (percentage by weight of total mix) and lime filler @ 3%(Three percent) (percentage by weight of Aggregate) prepared in Batch-Type Hot Mix Plant of 100-120 TPH capacity within all leads and lift including carriage of material in all respect and as per direction of Engineer-In-charge.	29.34			Per Cubic metre	
					<b>Total</b>	

Executive Engineer,  
Kullu Division ,  
HP. PWD Kullu

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# SCHEDULE OF QUANTITY

Name of work:- Restoration of rain damages on Rujak Shallang road Km. 0/0 to 7/00 (SH:- Construction of Retaining wall at RD 0/900 to 0/915 under BASP

Estimated cost:- Rs. 4,56,324.00  
Earnest money :- Rs. 9,000.00

Time :- Two months

Sr. No.	Description	Qty	Rate in		Unit	Amount
			Figure	Words		
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.	69.60			Per cubic metre	
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.	7.35			Per cubic metre	
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.	48.48			Per cubic metre	
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.	44.93			Per cubic metre	
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 of materials and as per direction of Engineer-in- charge.	12.60			Per cubic metre	
					Total	

Executive Engineer,  
Kullu Division,  
HP.PWD Kullu



**SCHEDULE OF QUANTITY**

Estimated cost-1,41,717.00  
Earnest money :- 3,000.00  
Time :- Two months

**Name of work:- A/R & M/O Shitla mata Temple to Loran road km 0/0 to 0/600 (SH:- Providing and laying g-III and Metalling /tarring etc. )**

Sr. N	Description	Qty	Figure	Words	Rate in	Unit	Amount
1	Supplying and stacking at site of work graded/ crushed stone aggregate of hard stone of approved quality to WBM specifications grade-II with 53 mm (Fifty three millimetre) to 22.4 mm (Twenty two point four millimetre) nominal size, free of disintegrated pieces, deleterious and organic matter stacking the material at suitable site in proper stacks as per direction of Engineer-in- charge. The aggregate should pass through as per PWD specification, so as to give a grading of required proportion as per PWD specification within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	24.30				Per Cubic metre	
2	Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 (Three) wheeled road/vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required density within all leads and lift including carriage of material in all respect and as per direction of Engineer-In- charge.	24.30				Per Cubic metre	
3	Providing and applying primer coat with Bitumen emulsion SS-1 on prepared granular surface including the surface & cleaning of road and spraying of primer@0.70 to 1.00kg per Sqm using mechanical maen as per technical specification clause 502 within all leads and lift including carriage of material in all respect and as per direction of Engineer-In- charge.(A.R)	324.00				Per Square Metre	
4	2 cm(Two centimetre) premix carpet surfacing with 1.8 cum (One point eight cubic metre ) and 0.90 cum (Zero point ninety cubic metre ) of stone chippings of 13.2 mm (Thirteen point two millimetre ) size and 11.2 mm (Eleven point two millimetre ) size respectively per 100 sqm (One hundred square metre) and 52 kg (Fifty two kilogram) and 56 kg (Fifty six kilogram ) of hot bitumen per cum of stone chippings of 13.2 mm (Thirteen point two millimetre ) size and 11.2 mm (Eleven point two millimetre ) size respectively, including a tack coat with hot straight run bitumen, including consolidation with road roller of 6(Six) to 9(Nine) tonne capacity etc. complete (tack coat to be paid for separately) With paving Asphalt grade VG - 10(Ten) heated and then mixed with solvent at the rate of 70(Seventy ) grams per kg of asphalt within all leads and lift including carriage of material in all respect and as per direction of Engineer-In- charge.	324.00				Per Square Metre	

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5	Providing and laying seal coat of premixed fine aggregate ( passing 2.36 mm(Two point thirty six millimetre ) and retained on 180 (One hundred eighty ) micron sieve) with bitumen using 128 kg (One hundred twenty eight kilogram) of bitumen of grade VG - 10(Ten) bitumen per cum of fine aggregate and 0.60(Zero point sixty) cubic metre of fine aggregate per 100 (One hundred) square metre of road surface , including rolling and finishing with road roller all complete within all leads and lift including carriage of material in all respect and as per direction of Engineer-In- charge.	324.00				Per Square Metre	
						Total:-	

Executive Engineer,  
Kullu Division ,  
HP.PWD Kullu

# **SCHEDULE OF QUANTITY**

Name of work:- Restoration of rain damages on Dughiling to Dubkan road (SH:- Construction of Rwall at RD. 2/960 to 2/970)

Estimated cost:- Rs. 1,87,454.00  
Earnest money :- Rs. 3,800.00  
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 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.	23.35			Per cubic metre	
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.	4.30			Per cubic metre	
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.	15.10			Per cubic metre	
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.	22.80			Per cubic metre	
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.	10.65			Per cubic metre	
					<b>Total</b>	

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# SCHEDULE OF QUANTITY

Name of work:- Restoration of rain damages on Sanatan Dharam Sabha road Km. 0/0 to 0/160 (SH:- C/O Retaining wall at Km. 0/146 to 0/156) Phase-I (Deposit)

Estimated cost:-3,29,332.00  
Earnest money :- 6,600.00  
Time :- Two months

Sr. No.	Description	Qty	Rate in		Unit	Amount
			Figure	Words		
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.	14.60			Per cubic metre	
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.	59.70			Per cubic metre	
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.	12.60			Per cubic metre	
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 of materials and as per direction of Engineer-in-charge.	20			Each	
					Total	

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HP-PWD Kullu

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# SCHEDULE OF QUANTITY

Name of work:- Restoration of rain damages on Khalara Nallah to Chhuria road Km. 0/0 to 4/200 (SH:- Construction of PCC V- shape drain at RD. 0/0 to 0/100, PCC Paraapet and edge wall at RD. 0/790 to 0/810)

Estimated cost:- Rs. 4,86,898.00  
Earnest money :- Rs. 3,800.00  
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 slumps 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.	27.00			Per cubic metre	
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.	10.80			Per cubic metre	
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.	57.62			Per cubic metre	
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 of materials and as per direction of Engineer-in- charge.	27.00			Per cubic metre	
5	Providing and laying V-shape drain mechanically mixed and vibrated with plain cement concrete M10 grade with 20mm(Twenty millimeter) size with thickness of concrete as 10cm (Ten centimetre) of size 45x25cm(Forty five x twenty five centimetre) and curing complete in all respect within all leads and lift of materials and as per direction of Engineer-in- charge.	100.00			Per Running metre	
6	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.	8.00			Per cubic metre	
					Total	

Executive Engineer,  
Kullu Division  
HP.PWD Kullu

Name of work: Repair to Arts and administrative Block building Govt. Degree College Kuliu District Kuliu (H.P.) (SH:- Providing and laying Scaffolding )

SCHEDULE OF QUANTITY

Estimated cost- Rs. 2,46,733.00  
Earnest money :- Rs. 5,000.00  
Time :- Two months.

Sr. No.	Description	Qty	Figure	Words	Unit	Amount
1	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm(Forty millimetre) dia M.S. tube 1.5 m (One point five metre) centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube chailles, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after. The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer in-charge. The elevational area of the scaffolding shall be measured for payment purpose. The payment will be made once irrespective of duration of scaffolding within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	1351.00			Per Square metre	
					Total	

Executive Engineer,  
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HPWD Kuliu.

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**SCHEDULE OF QUANTITY**

Name of work:- A/R and M/O Chhuria to Khanipandhe road Km. 0/0 to 7/500 (SH:- Providing and laying patch work in Km. 2/0 to 3/0 )

Estimated cost:-4,01,645.00  
 Earnest money :- 8,000.00  
 Time :- One month.

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20mm(Twenty millimeter ) premix carpet and seal coat type-B specification clause 1904.2.503 and 508.1 within all leads and lift including carriage of materials and as per direction of Engineer-in- charge.	1089.65			Per Square metre	
					Total	

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# SCHEDULE OF QUANTITY

Name of work:-A/R and M/O Chhuria to Khanipandhe road Km. 0/0 to 7/500 (SH:- providing and laying balance patch work in Km. 2/0 to 7/500 )

Estimated cost:-4,54,991.00  
Earnest money :- 9,000.00  
Time :- Two months

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Supplying and stacking at site 53 mm ( Fifty three millimetre to 22.4 mm (Twenty two point four millimeter) size stone aggregate within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	9.45			Per Cubic metre	
2	Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 (three) wheeled road/vibratory roller 8-10 (Eight to ten )tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required density within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	9.45			Per Cubic metre	
3	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20mm(Twenty millimeter ) premix carpet and seal coat type-B specification clause 1904.2.503 and 508.1 within all leads and lift including carriage of materials and as per direction of Engineer-in- charge.	1176.90			Per Square metre	
					Total	

Executive Engineer,  
Kullu Division,  
HP.PWD Kullu

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# SCHEDULE OF QUANTITY

Estimated cost:-3,72,535.00  
Earnest money :- 7,500.00  
Time :- Two months

Name of work:-A/R and M/O various road under Kharahal section (SH:- Repair of Pot Holes at various Rds))

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Supplying and stacking at site 53 mm ( Fifty three millimetre to 22.4 mm (Twenty two point four millimeter) size stone aggregate within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	33.63			Per Cubic metre	
2	Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 (three) wheeled road/vibratory roller 8-10 (Eight to ten )tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required density within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	33.63			Per Cubic metre	
3	Providing and applying primer coat with Bitumen emulsion SS-1 on prepared granular surface including the surface & cleaning of road and spraying of primer@0.70 to 1.00kg per Sqm using mechanical maen as per technical specification clause 502 within all leads and lift including carriage of material in all respect and as per direction of Engineer-In-charge.(A.R)	448.35			Per Square Metre	
4	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.	1232.96			Per Square Metre	
5	2 cm(Two centimetre) premix carpet surfacing with 1.8 cum (One point eight cubic metre ) and 0.90 cum (Zero point ninety cubic metre ) of stone chippings of 13.2 mm (Thirteen point two millimetre ) size and 11.2 mm (Eleven point two millimetre ) size respectively per 100 sqm (One hundred square metre) and 52 kg (Fifty two kilogram) and 56 kg (Fifty six kilogram ) of hot bitumen per cum of stone chippings of 13.2 mm (Thirteen point two millimetre ) size and 11.2 mm (Eleven point two millimetre ) size respectively, including a tack coat with hot straight run bitumen, including consolidation with road roller of 6(Six) to 9(Nine ) tonne capacity etc. complete (tack coat to be paid for separately) With paving Asphalt grade VG - 10(Ten) heated and then mixed with solvent at the rate of 70(Seventy ) grams per kg of asphalt within all leads and lift including carriage of material in all respect and as per direction of Engineer-In- charge.	1232.96			Per Square Metre	

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6	Providing and laying seal coat of premixed fine aggregate ( passing 2.36 mm(Two point thirty six millimetre ) and retained on 180 (One hundred eighty ) micron sieve) with bitumen using 128 kg (One hundred twenty eight kilogram) of bitumen of grade VG - 10(Ten) bitumen per cum of fine aggregate and 0.60(Zero point sixty) cubic metre of fine aggregate per 100 (One hundred) square metre of road surface , including rolling and finishing with road roller all complete within all leads and lift including carriage of material in all respect and as per direction of Engineer-In-charge.	1232.96				Per Square Metre	
						Total	

Executive Engineer,  
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HP.PWD Kullu



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**SCHEDULE OF QUANTITY**

Estimated cost-4,96,864.00  
Earnest money :-10,000.00  
Time :- Two months

**Name of work:-** Balance work of construction of additional accommodation (Block A & Block b with toilets for Distt Labrary Kullu (SH:- C/O CC 1:3:6 Brerast wall at RDs 0/028 to 0/036 & RS of block A etc.) *305-7*

Sr. No.	Description	Qty	Figure	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 including carriage of materials and as per direction of Engineer-in-charge.	129.09			Per cubic metre	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto 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.	23.00			Per cubic metre	
3	Providing and laying concrete for plain/ reinforced concrete in open foundations complete as per drawing and technical specification clause 802.803, 1202 and 1203 (CC 1:6:12) within all leads and lift of materials and as per direction of Engineer-in-charge.	3.19			Per cubic metre	
4	Providing and laying concrete for plain/ reinforced concrete in open foundations complete as per drawing and technical specification clause 802.803, 1202 and 1203 PCC grade-10 (CC 1:3:6) within all leads and lift of materials and as per direction of Engineer-in-charge.	71.52			Per cubic metre	
5	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.	10.69			Per cubic metre	
6	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 including carriage of materials and as per direction of Engineer-in-charge.	40			Each	
	<b>Total</b>					

Executive Engineer,  
Kullu Division,  
HP/PWD Kullu

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**SCHEDULE OF QUANTITY**

Estimated cost:-4,96,316.00  
Earnest money :-10,000.00  
Time :- Two months

Name of work:- Balance work of construction of additional accommodation (Block A & Block b with toilets for Dist Labrary Kullu (SH:- C/O CC 1.3:6 Breast wall at RDs 0/021 to 0/028 & RS of block A etc) Job-7

Sr. No.	Description	Qty	Figure	Words	Rate in	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 including carriage of materials and as per direction of Engineer-in-charge.	129.08				Per cubic metre	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto 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.	22.00				Per cubic metre	
3	Providing and laying concrete for plain/ reinforced concrete in open foundations complete as per drawing and technical specification clause 802.803.1202 and 1203 (CC 1.6:12) within all leads and lift of materials and as per direction of Engineer-in-charge.	3.15				Per cubic metre	
4	Providing and laying concrete for plain/ reinforced concrete in open foundations complete as per drawing and technical specification clause 802.803.1202 and 1203 PCC grade-10 (CC 1.3:6) within all leads and lift of materials and as per direction of Engineer-in-charge.	71.52				Per cubic metre	
5	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.	10.69				Per cubic metre	
6	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 including carriage of materials and as per direction of Engineer-in-charge.	40				Each	
	<b>Total</b>						

Executive Engineer,  
Kullu Division  
HP/PWD Kullu



# SCHEDULE OF QUANTITY

Name of work:- A/R and M/O Session House at Kullu.  
(SH:- Painting, Distempering etc.)

Estimated cost:- Rs. 1,00,136.00  
Earnest money :- Rs. 2,000.00  
Time :- Three months

Sr. No.	Description	Qty	Figure	Words	Unit	Amount
1	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete. (Walls) with in all leads and lift of materials and as per direction of Engineer-in-charge.					
a)	Walls	406.29			Per square metre	
2	Wall painting (two coats) with acrylic emulsion paint of approved brand and manufacture for interior grade on undecorated concrete/stone/plastered wall surfaces to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth including applying of putty a required for melling the surface with in all leads and lift of materials and as per direction of Engineer-in-charge.					
a)	Walls	406.29			Per square metre	
3	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with readymixed paint brushing to give an even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping With readymixed paint white for every subsequent coat of paint with in all leads and lift of materials and as per direction of Engineer-in-charge.	381.97			Per square metre	
4	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 with in all leads and lift of materials and as per direction of Engineer-in-charge.	381.97			Per square metre	
5	Painting one coat (excluding priming coat ) on previously painted steel & other metal surfaces with readymixed paint, brushing oil, grease to give an even shade including cleaning the surface of all dirt, dust and other foreign matter With readymixed paint other than white for every subsequent finishing coat of paint with in all leads and lift of materials and as per direction of Engineer-in-charge.	88.53			Per square metre	
6	Removing old paint from Steel and other metal surfaces & making the surface even. With hand scraping with in all leads and lift of materials and as per direction of Engineer-in-charge.	88.53			Per square metre	



7	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equarited on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly cleaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete with in all leads and lift of materials and as per direction of Engineer-in-charge.	375.85				Per square metre	
8	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete with in all leads and lift of materials and as per direction of Engineer-in-charge.	203.14				Per square metre	
9	Repairs to plaster in patches of 2.50 Sq.M. (Two point fifty square metre) and under and 10(ten) to 15mm(fifteen millimetre) thick including cutting the patch in proper shape and replastering the surface of the wall including disposal of rubbish to the dumping ground within a Lead of 20 metres (twenty metres) with Cement Mortar 1:3 (1 Cement : 3 Sand) with in all leads and lift of materials and as per direction of Engineer-in-charge.	50.45				Per square metre	
10	Varnishing one coat (excluding priming) on previously varnished wood and wood based surfaces to give an even surface, including cleaning the surface of all dust and sand papering so as to produce a smooth, dry and matt surface for every subsequent coat of varnish with in all leads and lift of materials and as per direction of Engineer-in-charge.	55.00				Per square metre	
11	Providing and fixing fly proof galvanised M.S. wire gauge of IS gauge designation 140 g(one hundred forty gram) with wire of dia 0.71 mm(zero point seventy millimetre) one to windows and clerestory windows including 60x20 mm(sixty x twenty millimetre) beading of: 2nd class deodar wood with in all leads and lift of materials and as per direction of Engineer-in-charge.	20.03				Per square metre	
12	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever Plain Glass. 3mm (three millimetre) thick with in all leads and lift of materials and as per direction of Engineer-in-charge.	2.97				Per square metre	
						Total	

(1)  
 Executive Engineer,  
 Kullu Division,  
 HP. PWD Kullu.



# DRAFT SCHEDULE OF QUANTITY

Name of work:- A/R and M/O General pooled accommodation (S.H.:- C/o 2 no garage, prepared sheet roofing and rolling shutter etc in type-v residence of CJM Kullu near hotel sarwari.

Estimated cost:- Rs. 1,78,976.00  
Earnest money :- Rs. 4,000.00  
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 stumps and other deleterious material and disposal upto any lead dressing of sides and bottom and backfilling in trenches with excavated suitable material. with in all leads and lift of materials and as per direction of Engineer-in-charge.	9.29			Per cubic metre	
2	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for sub structure as per drawing and technical specification of Ministry of Rural Development for Rural road clause 702, 704, 1202 and 1204 with in all leads and lift of materials and as per direction of Engineer-in-charge.	2.37			Per cubic metre	
3	Stone filling for plinth protection with in all leads and lift of materials and as per direction of Engineer-in-charge.	8.93			Per cubic metre	
4	Providing and laying cement concrete 1:2:4 (1 cement:2 Sand:4 graded stone aggregate 20mm (Twenty millimeter) nominal size) and curing complete excluding cost of form work in: Foundation and plinth with in all leads and lift of materials and as per direction of Engineer-in-charge.	5.95			Per cubic metre	
5	Brick work using common burnt clay building bricks in foundation and plinth in Cement Mortar 1:4 (1 cement:4 sand) First Class Bricks Super-structure above plinth level upto floor two level (First Class Bricks), with in all leads and lift of materials and as per direction of Engineer-in-charge.	4.51			Per cubic metre	
6	Providing form work with steel plates 3.15mm(Three point fifteen millimetre) thick welded with angle iron in frame 30x30x5mm(Thirty x five millimetre). so as to give a fair finish including centring, shuttering, strutting and propping etc. with wooden battens and baulies, height of propping and centring below supporting floor to ceiling not exceeding 4 Mtrs. and removal of the same for insitu-reinforced concrete & plain concrete work in: Flat surfaces such as soffits of suspended floors, roofs, landings and the like. Floors etc. upto 200mm. in thickness with in all leads and lift of materials and as per direction of Engineer-in-charge.	3.04			Per square metre	
7	Providing and laying cement concrete 1:1.5:3 (1 cement :1.5 sand :3 graded stone aggregate 20mm(Twenty millimetre) nominal size) and curing complete excluding cost of form work and bressumers and cantilevers upto floor two level. with in all leads and lift of materials and as per direction of Engineer-in-charge.	0.23			Per cubic metre	



8	Providing mild steel/ or steel reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level Mild steel with in all leads and lift of materials and as per direction of Engineer-in-charge.	45.39				Per kilogram	
9	Providing woodwork in frames of doors, windows, clerestory, windows and other frames wrought framed and fixed in position. 1st class Deodar wood. with in all leads and lift of materials and as per direction of Engineer-in-charge.	0.05				Per cubic metre	
10	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws 40 mm(Forty millimetre) thick 1st class Deodar wood with in all leads and lift of materials and as per direction of Engineer-in-charge.	1.12				Per square metre	
11	Providing and fixing fly proof galvanised M.S. wire gauge of IS gauge designation 140 g(one hundred forty gram) with wire of dia 0.71 mm (zero point seven one millimetre) to windows and clerestory windows including 60x20 mm(sixty x twenty millimetre) beading of: 2nd class deodar wood. with in all leads and lift of materials and as per direction of Engineer-in-charge.	3.22				Per square metre	
12	Steel work in single sections including cutting, hoisting, fixing in position and applying a priming coat of red lead paint in R.S. Joists, channels angles, tees with in all leads and lift of materials and as per direction of Engineer-in-charge.	4.721				Per quantity	
13	Providing and fixing 0.60mm(zero point six zero millimetre) thick pre-painted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 microns over 5 microns primer coating to back coat of polyester of 5 microns over 5 microns primer coating i/c fixing with pre-painted iron J or L hooks, bolts and nuts 6mm (six millimetre) dia metre with pre-painted limpet and rubber washers complete with all accessories with in all leads and lift of materials and as per direction of Engineer-in-charge.	62.2				Per square metre	
14	15mm (fifteen millimetre) Cement plaster in single coat on the rough side of brick/ concrete/stone walls for interior plastering upto floor two level including arrises, internal girth and finished even and smooth. Cement Mortar 1:6(one cement : six sand) with in all leads and lift of materials and as per direction of Engineer-in-charge.	84.22				Per square metre	
15	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equated on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly cleaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete with in all leads and lift of materials and as per direction of Engineer-in-charge.	84.22				Per square metre	
16	Supplying and fixing rolling shutters of approved make made of 80 mm(eighty millimetre) X 1.25mm(one point two five millimetre) M.S laths interlocked together through their entire length and joined together at the end by end locks mounted on specially designed pipe shaft, with brackets side guides and arrangements for inside and outside locking with push pull operation complete but excluding the cost of the top cover and spring. Shutters having width below 3.5 metres(three point five metre). with in all leads and lift of materials and as per direction of Engineer-in-charge.	11.57				Per square metre	



17	Providing and fixing 27.5 cm(twenty seven point five centimetre) long wire spring grade No.2 for rolling shutters with in all leads and lift of materials and as per direction of Engineer-in-charge.	4.00				Each	
18	Providing and fixing top cover for rolling shutters. Shutters having width below 3.5 metre (three point five metre) with in all leads and lift of materials and as per direction of Engineer-in-charge.	4.96				Per running metre	
19	Providing and laying spartic ceramic tiles 5.5mm(five point five millimetre) thick in skirting (300 x450mm.(three hundred x four hundred fifty millimetre) size) dado laid on a bed of 12mm(twelve millimetre). thick cement mortar 1:3(1cement: 3 sand) finished with flush pointing in white cement with in all leads and lift of materials and as per direction of Engineer-in-charge.	3.00				Per square metre	
20	Providing and fixing C.P Brass pillar tap with capstan head(15mm (fifteen millimeter) dia) with in all leads and lift of materials and as per direction of Engineer-in-charge.	1.00				Each	
21	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 fitting (ii)460mm(four hundred sixty millimetre) dia (countertop) with in all leads and lift of materials and as per direction of Engineer-in-charge.	1.00				Each	
22	Providing and fixing vitreous china pedestal for wash basin complete recessed at the back for the reception of pipes and fittings with in all leads and lift of materials and as per direction of Engineer-in-charge.	1.00				Each	
23	P/F CP brass angle valve 15mm(fifteen millimeter) without Nuts and pipe with in all leads and lift of materials and as per direction of Engineer-in-charge.	4.00				Each	
24	Providing and fixing 600mm(six hundred millimetre) x 450mm(four hundred fifty millimetre). bevelled edge mirror of superior glass mounted on 6mm thick A.C or plywood sheet and fixing to wooden plugs with C.P Brass screws and washers with in all leads and lift of materials and as per direction of Engineer-in-charge.	1.00				Each	
25	Providing and fixing C.P brass Towel rail complete with c.p Brass brackets fixed to wooden plugs with C.P Brass screws:(i)600mm(six hundred millimetre) x 20mm(twenty millimetre) with in all leads and lift of materials and as per direction of Engineer-in-charge.	1.00				Each	
26	Providing and fixing 600mm(six hundred millimetre)x120mm(one hundred twenty millimetre) glass shelf with C.P Brass bracket and guard rail shelf with C.P Brass bracket and guard rail complete, fixed to wooden plugs with C.P brass screws with in all leads and lift of materials and as per direction of Engineer-in-charge.	1.00				Each	
						Total	

Executive Engineer,  
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HP RMD Kullu

### SCHEDULE OF QUANTITY

Estimated cost:- 1,37,500.00  
Earnest money :- 3,000.00

Time :- One month

**Name of work:-** Restoration of rain damages on Various road (Kharal section) under kullu sub Division. (SH:- Hiring of JCB /stone Breaker for Breaking of stone/ removal of slips/muck/ debris etc. at various RDS )

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Hiring of J.C.B. / stone braker for breaking of stone , road side boulders , /removal of slips,debrides ,muck etc. in all kinds of soil including rocky portion and saturated soil and disposing of all excavated stone unserviceable materials from the road surface upto any leads and lifts in emergent cases as and when required or as per direction of Engineer-in-charge. The machine/ JCB/stone breaker for breaking of stone should work 6 hours daily . Any loss of public property or any accident etc. the contractor is fully responsible during the execution of work. The fuel /POL charges and operational staff for the machine will be provided by the owner. The repair and other incidental charges of machinery during the execution of work will be borne by the contractor. While making the/ record entry. The useful material shall be stacked along the road side as per direction of Engineer-in- charge.	125			Per Hour	
					Total:-	

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**SCHEDULE OF QUANTITY**

Name of work:- **A/R and M/O residential building under Kuliu Division**  
(SH:- Construction of boundary wall of type-II No. and retaining wall of type-II qtr. at field hostel Kuliu.)

Estimated cost:- Rs. 78,780.00  
Earnest money :- Rs. 1,600.00  
Time :- Two months

Sr. No.	Description	Qty	Figure	Words	Unit	Amount
1	Excavation in foundation, trenches etc. in earth work in all kinds of soil such as pick work, Jumper work, blasting work in soft and hard rock, conglomerated rock or saturated soil and its intermediate classification of soil, chieseling work and wedging out rock (where blasting is prohibited) and pumping or bailing out watering/dewatering upto any lift, stacking the excavated soil upto any lead from the edge of excavation and then returning the stacked soil in layer when required into plinth, sides of foundation etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth as directed within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	31.62			Per Cubic metre	
2	Providing concrete for plain/ reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 and 1203 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.	2.37			Per cubic metre	
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.	25.22			Per cubic metre	
4	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.	4.25			Per cubic metre	
	<b>Total</b>					

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# **SCHEDULE OF QUANTITY**

Name of work:- Special repair to A.E. Resi at Mohal.  
(SH:- Tile flooring, plastering, painting and other minor repair work.)

Estimated cost:- Rs. 57,399.00  
Earnest money :- Rs. 1,500.00  
Time :- Two months

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Sr. No.	Description	Qty	Rate in		Unit	Amount
			Figure	Words		
1	Brick work with common burnt clay machine moulded perforated bricks of class designation 12.5 conforming to IS: 2222 in superstructure above plinth level up to floor five level in cement mortar 1:6 (1 cement : 6 coarse sand) :With Modular bricks with in all leads and lift of materials and as per direction of Engineer-in-charge.	1.86			Per cubic metre	
2	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length ( hold fast lugs or dash fastener shall be paid for separately) Second class teak wood with in all leads and lift of materials and as per direction of Engineer-in-charge.	0.10			Per cubic metre	
3	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately. (Note:- Butt hinges and necessary screws shall be paid separately) 35 mm(Thirty five millimetre) thick shutters with in all leads and lift of materials and as per direction of Engineer-in-charge.	2.88			Per square metre	
4	Providing and fixing wire gauge laminated veneer lumber shutters conforming to IS : 14616, and as per TADS 15 :2001 (Part B) using galvanised wire gauge with average width of aperture 1.4 mm(One point four millimetre) in both directions with wire of dia 0.63 mm(Zero point six three millimetre) as per IS :1568, for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, as per directions of Engineer-in-charge: (Note:- Butt hinges and necessary screws shall be paid separately 35 mm(Thirty five millimetre) thick shutters with in all leads and lift of materials and as per direction of Engineer-in-charge.	2.88			Per square metre	
5	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete 100 mm(One hundred millimeter) with in all leads and lift of materials and as per direction of Engineer-in-charge.	12.00			Each	
6	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete 250x10 mm(Two hundred fifty x ten millimeter) with in all leads and lift of materials and as per direction of Engineer-in-charge.	16.00			Each	



7	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm(Twenty millimetre) thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm(Three point three kilogram per square metre) including grouting the joints with white cement and matching pigments etc., complete Size of Tile 600x600 mm(Six hundred x Six hundred millimetre) with in all leads and lift of materials and as per direction of Engineer-in-charge.	4.99				Per square metre	
8	Applying printing coat With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) with in all leads and lift of materials and as per direction of Engineer-in-charge.	14.40				Per square metre	
9	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture with in all leads and lift of materials and as per direction of Engineer-in-charge.	14.40				Per square metre	
10	20 mm(Twenty millimeter) cement plaster of mix 1:6 (1 cement: 6 coarse sand) with in all leads and lift of materials and as per direction of Engineer-in-charge.	16.18				Per square metre	
11	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade with in all leads and lift of materials and as per direction of Engineer-in-charge.	26.62				Per square metre	
						Total	

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# SCHEDULE OF QUANTITY

Name of work:- Special repair to Mohal Rest House.  
(SH:- Construction of Almirah.)

Estimated cost:- Rs. 1,78,078.00  
Earnest money :- Rs. 4,000.00  
Time :- Two months

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Sr. No.	Description	Qty	Figure	Words	Unit	Amount
1	Providing and fixing 19 mm(Nineteen millimeter) thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc. with in all leads and lift of materials and as per direction of Engineer-in-charge.	93.61			Per square metre	
2	Providing and fixing 1.00mm(One point zero zero millimetre) thick coloured or plain lamination sheet (sunmica on board/ply wood sheets with approved adhesive and nails etc complete with in all leads and lift of materials and as per direction of Engineer-in-charge.	13.09			Per square metre	
3	Applying priming coat: With ready mixed pink or Grey Primer of approved brand and manufacture on wood work (hard and soft wood) with in all leads and lift of materials and as per direction of Engineer-in-charge.	124.99			Per square metre	
4	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture with in all leads and lift of materials and as per direction of Engineer-in-charge.	135.81			Per square metre	
5	Providing and fixing 50 mm(Fifty millimetre) bright finished brass cup board or wardrobe knob of approved quality with necessary screws with in all leads and lift of materials and as per direction of Engineer-in-charge.	8.00			Each	
6	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete Double strip (horizontal type) with in all leads and lift of materials and as per direction of Engineer-in-charge.	16.00			Each	
7	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete 125 mm(One hundred twenty five millimetre) with in all leads and lift of materials and as per direction of Engineer-in-charge.	18.00			Each	
a)	100 mm (One hundred millimeter)	14.00			Each	
8	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 300x10 mm(Three hundred x ten millimeter) with in all leads and lift of materials and as per direction of Engineer-in-charge.	12.00			Each	
a)	200x10 mm(Two hundred x ten millimeter)	20.00			Each	



9	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete : 300x16 mm(Three hundred x sixteen millimetre) with in all leads and lift of materials and as per direction of Engineer-in-charge.	4.00	239.60	Rupees Ninety six and paise eighty five only	Per square metre	958.00
					Total	178078

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# **SCHEDULE OF QUANTITY**

Estimated cost:-4,60,879.00  
Earnest money :- 9,200.00

Time :-One month.

**Name of work:-** Construction of link road from Chanjad to Banonter Km. 0/0 to 1/500 (SH:- Providing and laying PCC 1:2:4 with lean concrete 1:5:10 in km. 0/535 to 0/650)

Sr. N	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering all work up to plinth level 1:5:10 (One cement : five fine sand : ten graded stone aggregate 40 mm(Forty millimetre) nominal size) within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	34.50			Per cubic metre	
2	Cement concrete 1:2:4 (One cement : two coarse sand : four graded stone aggregate 40 mm(Forty millimetre ) nominal size) in pavements , laid to required slope and camber in panels as required including consolidation finishing and tamping complete within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	51.75			Per cubic metre	
					<b>Total</b>	

  
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**SCHEDULE OF QUANTITY**

Name of work:- Construction of 4nos type-II residential qtrs at Agriculture colony Akhara Bazar Kullu.(SH:- Excavated sludge material / dewatering in foundation trenches etc.)

Estimated cost:-1,45,236.00  
Earnest money :- 2,100.00  
Time :- One month.

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Excavation in foundation, trenches etc. in earth work in all kinds of soil such as pick work, Jumper work, blasting work in soft and hard rock, conglomerated rock or saturated soil and its intermediate classification of soil, chieseling/wedging out of rock (where blasting is prohibited) and pumping or bailing out watering/dewatering upto any lift, stacking the excavated soil clear from the edge of excavation and then returning the stacked soil in layer when required into plinth, sides of foundation consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth / sludge material and dewatering of the excavated trenches as per direction of Engineer-in-charge.	785.70			Per Cubic meter	
2	Carriage of sludge / excavated materials carriage to dumping site with in lead up to 10 km disposal of excavated earthwithin all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	392.35			Per Cubic meter	
Total						

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# SCHEDULE OF QUANTITY

Name of work:- Restoration of rain damages on link road leading to Jindi Fallan from Dughliug to Dubkan road Km. 0/0 to 4/550 (SH:- Construction of Retaining wall and toe wall at RD. 3/840 to 3/853)

Estimated cost:- 4,41,638.00  
Earnest money :- 8,800.00  
Time :- Two months

Sr. No.	Description of item	Qty	Rate in		Unit	Amount
			Figure	Words		
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.	66.76			Per cubic metre	
2	Providing concrete for plain/ reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 and 1203 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.	39			Per cubic metre	
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.	144.12			Per cubic metre	
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.	27.69			Per cubic metre	
5	Providing weep 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.	20			Each	
					Total	

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