



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- 1256-65

Dated:-22-4-2022


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 27.04.2022 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, 6th Circle HP.PWD, Kullu.
4. Supdt./DAO/HDM of this office.
5. Notice Board.

DA/Nil.


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

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

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

1	Date of receipt of application for tender form.		28.04.2022 upto 4:00 PM		
2	Date of issue/sale of tender form.		28.04.2022 upto 4:00 PM		
3	Date of receipt of tender.		29.04.2022 upto 10:30 PM		
4	Date of opening tender.		29.04.2022 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	A/R and M/O Shat Jallugran road Km. 0/0 to 7/0 (SH:- Providing and laying 30mm thick bituminous concrete RD 4/930 to 5/130).	2,85,684/-	5,700/-	Two months	350/-
2	A/R and M/O Jari Baradha road Km. 0/0 to 2/700 (SH:- Repair of Pot Holes in Km. 0/0 to 2/700).	3,00,730/-	6,000/-	Two months	350/-
3	RRD on Badah to Pahnallah road Km. 0/0 to 9/700 (SH:- Metalling and tarring in Km. 9/080 to 9/220).	4,17,163/-	8,400/-	One month	350/-
4	RRD on Badah to Pahnallah road Km. 0/0 to 9/700 (SH:- Metalling and tarring in Km. 5/0 to 5/130).	4,73,180/-	9,500/-	One month	350/-
5	Balance work of construction of type-IV DTO residence near Kailash threator (SH:- P/F steel gate, fancing and providing beds etc.).	4,90,473/-	9,800/-	Two months	350/-
6	Balance work of construction of type-IV DTO residence near Kailash threator (SH:- Construction of boundary wall, P/L paver, cladding, plastering painting etc.).	4,79,832/-	9,600/-	Two months	350/-
7	RRD on Dhunkhara to Punthal road Km. 0/0 to 7/500 (SH:- P/L Kharanja stone soling at essential reaches).	1,02,323/-	2,100/-	Two months	350/-
8	Construction of Petrol pump to Kabristan Muth road Km. 0/0 to 1/400 (SH:- Removal of slips at various RDs).	99,937/-	2,000/-	Two months	350/-
9	A/R and M/O Non-residential building under Kullu Division (SH:- Providing and fixing prepainted sheet in roofing, tiles, cupboard shutter in old LA office near 6 th Circle Kullu.	1,27,435/-	2,600/-	Three months	350/-
10	A/R and M/O Mohal Kolibehar road Km. 0/0 to 2/200 (SH:- P/L 300mm dia Hume pipe C/O side drain etc.).	1,33,961/-	3,000/-	Two months	350/-
11	RRD Kullu Karon road Km. 0/0 to 15/00 (SH:- Construction of R/wall at RD 10/675 to 10/683).	65,734/-	1,300/-	Two months	350/-
12	Special repair of fruit canning unit at Shamshi (SH:- Tile flooring, Wiparaquet flooring, Panelling and other minor repair).	4,99,193/-	10,000/-	Two months	350/-

13	Construction of Baitu Age to Kalizon Kotlu Thana (G.P.) Chhenour road Km. 0/0 to 2/750 under OTMNP (SH:- Formation cutting in Km. 1/980 to 2/175).	3,26,767/-	6,550/-	Two months	350/-
14	Construction of Baitu Age to Kalizon Kotlu Thana (G.P.) Chhenour road Km. 0/0 to 2/750 under OTMNP (SH:- Formation cutting in Km. 2/175 to 2/340).	3,32,308/-	6,700/-	Two months	350/-
15	Construction of Baitu Age to Kalizon Kotlu Thana (G.P.) Chhenour road Km. 0/0 to 2/750 under OTMNP (SH:- Formation cutting in Km. 2/340 to 2/535).	2,99,642/-	6,000/-	Two months	350/-
16	Construction of Baitu Age to Kalizon Kotlu Thana (G.P.) Chhenour road Km. 0/0 to 2/750 under OTMNP (SH:- Formation cutting in Km. 2/535 to 2/760).	3,13,683/-	6,300/-	Two months	350/-
17	Construction of road side amenities in Kullu District on Sainik Chowk Bhunter to Ramshilla road Kkm. 0/0 to 7/0 (SH:- Construction of foot path, edging and U-shape drain).	4,93,722/-	10,000/-	Two months	350/-
18	Construction of road side amenities in Kullu District on Sainik Chowk Bhunter to Ramshilla road Kkm. 0/0 to 7/0 (SH:- Providing and fixing railing, grating and kerb stone).	3,52,875/-	7,100/-	Two months	350/-
19	Repair of Arts and administrative Block building Govt. Degree College Kullu District Kullu (H.P.) (SH:- P/L steel painting) Job No.2.	91,042/-	2,000/-	Two months	350/-
20	Repair of Arts and administrative Block building Govt. Degree College Kullu District Kullu (H.P.) (SH:- Painting and distempering) Job No.1.	4,54,630/-	9,100/-	Two months	350/-
21	Repair to Boys Hostel building Govt. Degree Kullu District Kullu (H.P.) (SH:- Painting, distempering and minor repair).	4,36,353/-	8,700/-	Two months	350/-
22	Repair of Science block building Govt. Degree College Kullu District Kullu (H.P.) (SH:- Painting and distempering).	2,89,979/-	5,800/-	Two months	350/-
23	Restoration of rain damages on various roads under Ruzak section (SH:- Hiring of Excavator cum loader (JCB) for the removal of slips/debris/muck and dressing of road etc.).	99,162/-	2,000/-	One month	350/-
24	A/R and M/O Buins Bai to Bhullang road Km. 0/0 to 11/200 (SH:- Repair of Pot holes in Km. 5/0 to 8/0).	2,93,898/-	6,000/-	Two months	350/-
25	A/R and M/O Buins Bai Bhullang road Km. 0/0 to 11/020 (SH:- Repair of Pot holes in Km. 3/0 to 5/0).	2,93,898/-	6,000/-	Two months	350/-
26	Restoration of rain damages on Badah to Pahnallah road Km. 0/0 to 9/700 (SH:- Metalling and tarring in Km. 9/0 to 9/250).	3,84,489/-	7,700/-	Two months	350/-
27	Manikaran to Barsahaini road Km. 0/0 to 14/270 (SH:- Providing patch work, G-III and Providing Metalling & tarring in Km. 13/720 to 13/830).	4,07,267/-	8,200/-	Two months	350/-

28	Manikaran to Barshaini road Km. 0/0 to 14/270 (SH:- Providing patch work, G-III and Providing Metalling & tarring in Km. 13/830 to 13/940).	4,07,205/-	8,200/-	Two months	350/-
29	Manikaran to Barshaini road Km. 0/0 to 14/270 (SH:- Providing Metalling & tarring in Km. 13/940 to 14/050).	4,07,216/-	8,200/-	Two months	350/-
30	Manikaran to Barshaini road Km. 0/0 to 14/270 (SH:- Providing patch work, G-III and Providing Metalling & tarring in Km. 14/050 to 14/160).	4,07,226/-	8,200/-	Two months	350/-
31	Manikaran to Barshaini road Km. 0/0 to 14/270 (SH:- Providing patch work, G-III and Providing Metalling & tarring in Km. 14/160 to 14/270).	4,07,243/-	8,200/-	Two months	350/-
32	Construction of Retaining wall near Saraswati Vidya Mandir School Chhanikhori on Bhunter Manikaran road (SH:- C/O Retaining wall at RD 12/180 to 12/190).	2,07,432/-	4,000/-	Two months	350/-
33	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/-
34	Restoration of rain damages on Nagujhour Mashna Thach road Km. 0/0 to 10/500 (SH:- Hiring of Excavator cum loader (JCB) for the removal of slips/debris/much etc. at various RDs).	99,162/-	2,000/-	One month	350/-
35	Restoration of rain damages on Dughilug Dubkan road Km. 0/0 to 4/570 (SH:- The land slide of the road land owner of Sh. Devi Chand S/O Sh. Gilaru Ram R/O Village Phati and Kothi Dughilug Tehsil and District Kullu (H.P.) vide Khasra No. 475/793, Kitta-2 5979/5980 as per decision of Court (SH:- Removal of slips and debries boulder etc. Km. 0/900 to 1/300).	1,66,842/-	3350/-	One month	350/-
36	Improvement of Sharni Pinni road Km. 0/0 to 15/180 (SH:- Construction of wire crate work for protection of house at RD 9/137.50 to 9/150).	4,34,728/-	8,700/-	Two months	350/-
37	Improvement of Sharni Pinni road Km. 0/0 to 15/180 (SH:- Construction of wire crate work for protection of house at RD 9/125 to 9/137.50).	4,34,745/-	8,700/-	Two months	350/-
38	A/R and M/O Chhurla to Khanipandhe road Km. 0/0 to 7/500 (SH:- Providing and laying patch work in Km. 3/0 to 5/0).	3,00,548/-	6,000/-	Two months	350/-
39	A/R and M/O Chhurla to Khanipandhe road Km. 0/0 to 7/500 (SH:- Providing and laying patch work in Km. 5/0 to 7/500).	3,82,090/-	6,000/-	Two months	350/-
40	A/R and M/O Khalara Nallah to Chhurla road Km. 0/0 to 4/200 (SH:- Providing and laying patch work in Km. 0/0 to 4/200).	4,87,857/-	9,800/-	One month	350/-

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

2

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- 1266-1316

Dated:-22-9-2022

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

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


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

1

SCHEDULE OF QUANTITY

Name of work:-A/R and M/O Shat Jallugran road Km. 0/0 to 7/0 (SH:- Providing and laying 30mm thick bituminous concrete RD. 4/930 to 5/130)

Estimated cost:-2,85,684.00
Earnest money :- 5,700.00
Time :-Two months

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, , hand packing, rolling with smooth wheel roller 80-100 KN Statics roller in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density Grading -III as per technical specification clause 405 by Manual Means including carriage of material within all leads and lift of materials and as per direction of Engineer-in-charge.	55.33			Per Cubic metre	
2	Providing and applying priming coat with bitumen (VG-10) using pressure distributor @ 1.00 Kg./sqmt. on the prepared on dry and hungry and hungry bituminous surface cleaned with hydraulic broom as per technical specification clause 503, including carriage of material within all leads and lift of materials and as per direction of Engineer-in-charge.	737.75			Per square metre	
3	Providing and laying 25mm(Twenty five millimetre) thick bituminous concrete with 100-120 TPH batch type hot mix plant producing an average output of 75 tonne per hour using crushed aggregates of specified grading premixed with bituminous binder @ 5.4 to 5.6 percent of mix and filler, transporting the hot mix to work side, laying with a hydraulic paver finisher with sensor control to the required grade ,level and alignment, rolling with smooth wheeled vibratory and tandem roller to achieve the desired compaction as per MoRTH specification clause 509 complete in all respects within all leads and lift of materials and as per direction of Engineer-in-charge.	22.13			Each	
					Total	

Executive Engineer,
Kullu Division ,
HP.PWD Kullu

SCHEDULE OF QUANTITY

Name of work:-AR and M/O Jani Baradha road Km. 0/0 to 2/700 (SH:- Repair of Pot Holes in Km. 0/0 to 2/700)

Estimated cost:-3,00,730.00
Earnest money :- 6,000.00
Time :- Two months

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness , hand packing, rolling with smooth wheel roller 80-100 KN Statics roller in stages to proper grade and camber, applying and brooming, stone screening /binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density Grading -III as per technical specification clause 405 by Manual Means within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	18.45			Per Cubic metre	
2	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.	1654.15			Per Square metre	
					Total	

Executive Engineer,
Kullu Division ,
HP PWD Kullu

2

3

SCHEDULE OF QUANTITY

Name of work:- RRD on Badah to Pahnallah road Km. 0/0 to 9/700 (SH:-Metaling and tarring in Km. 9/080 to 9/220)

Estimated cost:-4,17,163.00
Earnest money :- 8,400.00
Time :- One month

Sr. No.	Description	Qty	Figure	Rate in 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.	492.45			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-I with 90 mm (Ninety millimetre) to 45 mm (Forty five 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.	49.25			Per Cubic metre	
3	Supplying and stacking at site of work graded/ crushed stone aggregate of hard stone of approved quality to WBM specifications grade-II with 63 mm (Sixty three millimetre) to 45 mm (Forty five 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.	33.63			Per Cubic metre	
4	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.	33.63			Per Cubic metre	

5	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.	116.51				Per Cubic metre	
6	Providing and applying tack coat using hot straight run bitumen of grade VG - 10(Ten) , including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specifications On W.B.M. @ 0.75 Kg / sqm (Zero point seven five kilogram/ per square metre) within all leads and lift including carriage of material in all respect and as per direction of Engineer-In-charge.	448.35				Per Square Metre	
7	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.	448.35				Per Square Metre	
8	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.	448.35				Per Square Metre	

9	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.	448.35				Per Square Metre
						Total

Executive Engineer,
Kullu Division,
HP.PWD Kullu

(4)

SCHEDULE OF QUANTITY

Estimated cost:-4,73,180.00
Earnest money :- 9,500.00
Time :- One month

Name of work:- RRD on Badah to Pahnallah road Km. 0/0 to 9/700 (SH:-Metalling and tarring in Km. 5/0 to 5/130)

Sr. No.	Description	Qty	Figure	Rate in 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.	552.83			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-I with 90 mm (Ninety millimetre) to 45 mm (Forty five 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.	55.28			Per Cubic metre	
3	Supplying and stacking at site of work graded/ crushed stone aggregate of hard stone of approved quality to WBM specifications grade-II with 63 mm (Sixty three millimetre) to 45 mm (Forty five 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.	38.39			Per Cubic metre	
4	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.	38.39			Per Cubic metre	

5	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.	132.06	Per Cubic metre	
6	Providing and applying tack coat using hot straight run bitumen of grade VG - 10(Ten) , including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specifications On W.B.M. @ 0.75 Kg / sqm (Zero point seven five kilogram/ per square metre) within all leads and lift including carriage of material in all respect and as per direction of Engineer-In-charge.	511.88	Per Square Metre	
7	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.	511.88	Per Square Metre	
8	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.	511.88	Per Square Metre	

9	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.	511.88				Per Square Metre	
						Total	


 Executive Engineer,
 Kullu Division
 HP, PWD Kullu

9	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.	511.88					Per Square Metre	
							Total	

Executive Engineer,
Kullu Division
HP PWD Kullu

Name of work:- Balance work of construction of type-IV DTO residence near Kailash threator (SH:- P/F steel gate,fencing and providing beds etc.)

SCHEDULE OF QUANTITY

Estimated cost- Rs. 4,90,473.00
Earnest money :- Rs. 9,800.00
Time :- Two months

Sr. No.	Description	Qty	Rate in		Unit	Amount
			Figure	Words		
1	Steel work rivetted in built up sections including cutting,hoisting, fixing in position and applying a priming coat of red lead paint in grating,Framed guards, bars,ledgers railings,brackets & similar works within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	11.30			Per Quintal	
2	Providing and fixing polycarbonatd transparent sheet 1.20mm (One point twenty millimetre) thick in roofing with galvanised J or L hooks bolts and nuts with G.I. Limpet and bitumen rubber washer complete with all accessories as required as per direction of Engineer-in-Charge within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	37.94			Per Square metre	
3	Painting one coat (excluding priming coat) (including one subsequent coat) on previously painted steel & other metal surfaces with ready mixed paint,brushing oil, grease to give an even shade including cleaning the surface of all dirt,dust and other foreign matter With white readymixed paint within all leads and lift including carriage of material in all respect and as per direction of Engineer-	46.01			Per Square metre	
4	Providing stain less steel railing within all leads and lift including carriage of material in all respect and as per direction of Engineer-in-charge.					
	a) 50mm dia.	7.00			Per Running metre	
	b) 25mm dia .	7.00			Per Running metre	
5	Providing and fixing non wooven febric runner including fixing in position within all leads and lift including carriage of material in all respect and as per direction of Engineer-in-charge.	46.01			Per Running metre	
6	Providing and fixing 19mm(Nineteen millimetre) thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc complete within all leads and lift including carriage of material in all respect and as per direction of Engineer-in-charge.	9.00			Per Square metre	

5

7	Providing and fixing 19mm (Nineteen millimetre) thick Commercial Board water proof shutters for up boards i/c fixing with nickel plated piano hinges with screws etc complete) within all leads and lift including carriage of material in all respect and as per direction of Engineer-in-charge.	3.00				Per Square metre	
8	Providing and fixing 1.00mm (One millimetre) thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc complete within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	3.00				Per square metre	
9	Providing and fixing square edges cover fillets (beading) 19mmx6mm (Nineteen millimetre x six millimetre) section including mitring at junctions with wood screws and nails complete 1st class deodar wood within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	13.20				Per Running metre	
10	Providing double bed 6x6 with grove within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	1				Each	
11	Providing Double bed 6x6 with teak within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	1				Each	
12	Providing Sofa set five seater teak wood within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	1				Each	
13	Providing centre table 4x2 glass top within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	1				Each	
14	Providing mattress 72x70x4 " conform within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	2				Each	
15	Providing Dining table with six chair complete set within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	1				Each	

16	Providing PVC chair cellow for out door within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	6				Each	
17	Providing PVC table for out door within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	1				Each	
18	Providing side corner within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	1				Each	
19	Providing bed side table corner within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	4				Each	
20	Providing bed side table sew saw within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	1				Each	
21	Providing and fixing curtain long crush 4x7' within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	39				Each	
22	Providing and fixing curtain long crush 4x9' within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	6				Each	
23	Providing and fixing curtain 4x5' within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	2				Each	
24	Providing double bed bed sheet within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	6				Each	

25	Providing fibre pillow within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	6				Each	
26	Providing 16x24' door mat within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	2				Each	
27	Providing 20x32' door mat within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	6				Each	
28	Providing top floor 40x60' within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	2				Each	
29	Providing top floor 60x100' within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	2				Each	
						Total	

Executive Engineer,
Kullu Division,
HP PWD Kullu.

SCHEDULE OF QUANTITY

Name of work:- Balance work of construction of type-IV DTO residence near Kailash threator (SH:- Construction of boundary wall, P/L paver, cladding, plastering painting etc.)

Estimated cost:- Rs. 4,79,832.00
Earnest money :- Rs. 9,600.00
Time :- Two months

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 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.	48.72			Per Cubic metre	
2	Stone filling under floor within all leads and lift including carriage of material in all respect and as per direction of Engineer-in-charge.	24.36			Per Cubic metre	
3	Providing concrete for plain/ reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803,1202 and 1203 PCC grade M-10 nominal mix 1:3:6 (One cement : Three sand : Six graded stone aggregate) within all leads and lift including carriage of materials in all respect and as per direction of Engineer-in-charge.	20.30			Per cubic metre	
4	Providing and laying heavy duty precast cement concrete inter locking paver blocks vibro compacted upto M-50 (Fifty grade including border or kurb block grey or coloured over sub-base of concrete with 25mm(Twenty five millimetre) thick average thickness of cement mortar 1:4 (One cement : Four sand) laid over and jointed with neat cement slurry mixed with pigment to match the shade of blocks including curing rubbing & polishing complete (Sub base concrete floor to be paid for 60mm thick within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	162.40			Per Square metre	
5	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.	18.69			Per cubic metre	
6	Providing and laying granite stone in flooring 20mm(Twenty millimetre) (average) thickness base of cement mortar 1:3(One cement: Three sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone including rubbing and polishing complete. 20mm (Twenty millimetre) thick within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	20.48			Per Square metre	

7	Providing and laying spartic ceramic tiles 5.5mm (Five point five millimetre)thick in flooring (300 x300mm (Three hundred x three hundred millimetre) size treads of steps laid on a bed of 12mm(Twelve millimetre) thick cement mortar 1:3(One cement: Three sand) finished with flush pointing in white cement within all leads and lift including carriage of material in all respect as per direction of Engineer-in-charge.	66.55				Per square metre	
8	15mm(Fifteen millimetre) Cement plaster in single coat on the rough side of brick/ concrete / stone walls for interior plastering upto floor any level including arises, internal rounded angles , chamfers and/or rounded angles not exceeding 80mm(Eighty millimetre) in girth and finished even and smooth Cement Mortar 1:6 (One Cement:Six Sand) within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	195.15				Per square metre	
9	Applying Birta 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 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	174.95				Per Square metre	
10	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equivalent 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 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	174.95				Per Square metre	
11	Providing and fixing 2mm thick PVC antistatic vinyl Flooring plain or coloured, carbed or mosaic/metalised finish laid with approved adhesive on sub-floor (damp proofing treatment to be paid for separately) within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	6.25				Per Square metre	
						Total	

Executive Engineer,
Kullu Division,
HP BWD Kullu.

SCHEDULE OF QUANTITY

Estimated cost:-1,02,323.00
Earnest money :- 2,100.00
Time :- Two months

Name of work:-RRD on Dhunkhara to Punthal road Km. 0/0 to 7/500 (SH:-P/L Kharanja stone soling at essential reaches)

Sr. No.	Description	Qty	Rate in		Unit	Amount
			Figure	Words		
1	Preparation of sub grade by dressing to camber (earth work for the cutting involved for sub grade to be paid for separately depending upon the classification of soil completed as per HP.PWD specifications within all leads and lift including carriage of material and as per direction of Engineer in-charge.	1372.50			Per Square metre	
2	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and rerolling the sub grade completed as per HP.PWD specifications within all leads and lift including carriage of material and as per direction of Engineer-in-charge.	1372.50			Per Square metre	
3	Stone soling properly hand-packed filling interstices with Kharanja stone and consolidating with power road roller to the requested gradient and camber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD specification. 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.	205.88			Per Cubic metre	
					Total	

Executive Engineer,
Kullu Division ,
HP PWD Kullu.

8

SCHEDULE OF QUANTITY

Name of work:- Construction of Petrol pump to Kabristan Muth road Km. 0/0 to 1/400
(SH:- Removal of slips at various RDs.)

Estimated cost:-99,937.00
Earnest money :- 2,000.00
Time :- Two months.

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut materials upto any and any lead as per technical specification 302.3.5 and 1611 within all leads and lift of materials and as per direction of Engineer-in-charge.	1653.22			Per cubic metre	
					Total	

Executive Engineer,
Kullu Division,
HP.PWD Kullu.

SCHEDULE OF QUANTITY

Name of work:- AR & MO Non Residential building under Kullu Division.
(SH:- Providing and Fixing prepainted sheet in roofing, ties, cupboard shutter old L.A office near 6th Circle kullu)

Estimated cost :-1,27,435.00
Earnest money:-2,600.00

Time:- Three month

Sl. No	Description	Quantity	Rate in		Unit	Amount
			Figure	Words		
1	2	3	4		5	6
1	Dismantling roofing including ridges, hips, valleys, gutters etc. stacking the serviceable materials and disposal of un-serviceable materials within 20 metres lead.A.C sheet roofing with in all leads and lifts complete in all respect and entire satisfaction of Engineer-in-charge.	34.00			Per square metre	
2	Providing wood work in trusses, purlins, rafters, posts, post plates, wall plates and the like wrought framed, hoisted and fixed in position with in all leads and lifts complete in all respect and entire satisfaction of Engineer-in-charge.	0.129			Per cubic metre	
3	Providing and fixing 0.60mm thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 microns over 5 microns primer coating to back coat of polyester of 5 microns over 5 microns primer coating i/c fixing with prepainted iron J or L hooks, bolts and nuts 6mm dia metre with prepainted limpet and rubber washers complete in 2nd class deodar wood with all accessories as required as per the direction of Engineer-in-charge satisfaction of Engineer-in-charge.	34.000			Per square metre	
4	Providing and fixing ridges or hips 60 cm overall with 0.60mm thick prepainted steel sheets in roofing with hot dipped metallic zinc coated sheets with top coat of regular modified polyester organic coating of 20 microns over 5 microns primer coating + back coat of polyester of 5 microns over 5 microns primer coating i/c fixing with prepainted iron J or L hooks, bolts & nuts 6mm dia & prepainted G.I. limpet and bitumen washers complete with all accessories as required as per the direction of Engineer in Charges.	5.70			Per Running metre	
5	Providing and fixing flushing 38cm overall with 0.60mm thick prepainted sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester organic coating of 20 microns over 5 microns primer coating + back coat of polyester of 5 microns over 5 microns primer coating i/c fixing with prepainted iron J or L hooks, bolts and nuts 6mm dia meter & prepainted G.I. limpet & bitumen washers complete with all accessories as required as per the direction of Engineer-in-Charge and beams with in all leads and lifts complete in all respect and entire satisfaction of Engineer-in-charge.	8.30			Per square metre	
6	Providing woodwork in frames of doors, windows, clerestory windows and other frames wrought, framed and fixed in position. 2nd class deodar wood with in all leads and lifts complete in all respect and entire satisfaction of Engineer-in-charge.	0.182			Per cubic metre	
7	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc complete with in all leads and lifts complete in all respect and entire satisfaction of Engineer-in-charge.	16.62			Per square metre	
8	Providing and fixing fly proof galvanised M.S. wire gauge of IS gauge designation 140 g with wire of dia 0.71 mm to windows and clerestory windows including 60x20 mm beading of 2nd class Deodar wood with in all leads and lifts complete in all respect and entire satisfaction of Engineer-in-charge.	4.45			Per square metre	

9

Sl. No	Description	Quantity	Rate in		Unit	Amount
			Figure	Words		
1	2	3	4		5	6
9	Providing and fixing 2mm thick PVC antistatic vinyl Flooring plain or coloured, carbed orosaic/ metallad finish laid with approved adhesive on sub-floor (damp proofing treatment to be paid for separately complete with in all leads and lifts complete in all respect and entire satisfaction of Engineer-in-charge.	8.10			Per square metre	
10	Providing and fixing 10mm thick anti skid water proof stain and impact resistant heavy duty vetrified tiles Nitco or equivalent 600x600mmx10mm manufactured of approved shade and colour in flooring, treads of steps and landings laid over 12mm thick cement mortar 1:3 (1 cement : 3 sand) jointed with cement slurry mixed with pigment to match the shade of tiles as required complete with in all leads and lifts complete in all respect and entire satisfaction of Engineer-in-charge.	36.44			Per square metre	
					Total	

Executive Engineer,
Kullu division,
H.P. Kullu.

SCHEDULE OF QUANTITY

Estimated cost - 1,33,961.00
Earnest money - 3,000.00
Time - Two months

10

Name of work - A/R & M/O Mohal Kolbehar road km 0/0 to 2/200 (SH- P/L 300 mm dia Hume pipe, C/o side drain etc)

Sr. No.	Description	Qty	Figure	Words	Rate in	Unit	Amount
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto any lead, dressing of sides and bottom and backfilling in trenches with excavated suitable material within all leads and lift of materials and as per direction of Engineer-in-charge	4.32				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.	1.92				Per cubic metre	
3	Laying Cement Concrete Pipe NP2 (buried conduits) on first class bedding of granular material including fixing collar with cement sand mortar 1:2 (one cement two mortar) but excluding excavation, protection works, backfilling, concrete and masonry work in head wall and parapets within all leads and lift of materials and as per direction of Engineer-in-charge.	20.00				Per cubic metre	
4	Construction of hill side drain with PCC 1:3:6 (One cement, Three sand, Six graded stone aggregate 20mm (Twenty millimeter) nominal size) accordance with requirement of specification true to line and grades. Dimension and other particulars as per drawing and technical specification clause -1606.1 within all leads and lift of materials and as per direction of Engineer-in-charge.	500.00				Per Running metre	
	Total:-						

Executive Engineer,
Kullu Division,
HP
PMD Kullu

SCHEDULE OF QUANTITY

Name of work:- RRD Kullu Karon road km 0/0 to 15/00.
(SH:-Construction of R/wall at RD. 10/675 to 10/683)

Estimated cost:- Rs.65,734.00
Earnest money :- Rs. 1300.00
Time :- Two months

Sr. No.	Description	Qty	Figure	Words	Rate in	Unit	Amount
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto any lead, dressing of sides and bottom and backfilling in trenches with excavated suitable material within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	15.04				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.	3.44				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.	13.52				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.	16.80				Per cubic metre	
5	Providing weap holes in brick masonry/ stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20 (H) towards drawing face complete as per drawing and technical specification clauses 614.709.1204.3.7. within all leads and lift of materials and as per direction of Engineer-in-charge.	8				Each	
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.	9.68				Per cubic metre	
	Total						

Executive Engineer,
Kullu Division
HR, PWD Kullu

12

Name of work:- **Special repair of fruit cunnning unit at Shamshi (SH:- Tile flooring, Wiparaquet flooring, Panelling and other minor repair)**

Estimated cost:- Rs. 4,99,193.00
Earnest money :- Rs. 10,000.00
Time :- Two months

SCHEDULE OF QUANTITY

Sr. No.	Description	Qty	Rate in		Unit	Amount
			Figure	Words		
1	Demolishing lime concrete manually/ by mechanical including stacking of serviceable material and disposal of unserviceable material with in any lead within any lead within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	159.82			Per Square metre	
2	Providing and laying wiparaquet HDF made of Germany laminate flooring of approved brand and manufactured over CC base with polythene and foam sheet cashion below as per specification complete nature structurevarnish oil wax component within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	20.21			Per Square metre	
3	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete size of tile 600x600mm within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	147.82			Per Square metre	
4	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	58.87			Per Square metre	
5	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately) 2nd class teak wood within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	0.50			Per cubic metre	

6	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge 2nd class teak wood 35mm thick shutter within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	2.70			Per square metre	
7	Providing and fixing Australian pine wood panelling ready made planks within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	41.46			Per square metre	
8	French spirit polishing Two or more coats on new works including a coat of wood filler within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	41.46			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 within all leads and lift including carriage of material in all respect as per direction of Engineer-in-charge.	31.60			Per square metre	
10	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade New work (two or more coats) over and including water thinnable priming coat with cement primer within all leads and lift including carriage of material in all respect as per direction of Engineer-in-charge.	90.57			Per square metre	
11	Supplying of three Nos. revolving chair within all leads and lift including carriage of material in all respect as per direction of Engineer-in-charge.	3			Each	
					Total	


 Executive Engineer,
 Kullu Division,
 HP PWD Kullu.

SCHEDULE OF QUANTITY

Estimated cost:- 3,26,767.00
Earnest money :- 6,550.00
Time :- Two months

Name of work:- Construction of Baitu Age to Kalizon Kotlu Thana (G.P.) Chherour road Km. 0/0 to 2/750 under OTMNP
(SH:- Formation cutting in Km. 1/980 to 2/175)

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Excavation in soil in hilly area in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper, blasting work both in soft and hard rock with chiseling/wedging out of rock(where blasting is not required) and their intermediate classification of soil including, dewatering wherever required setting out to the required line grades, side slopes trimming bottom and level as shown on the drawings as directed by Engineer-in-charge at site according to technical specifications clause 1603.1, & 1603.2 and sorting out useful/un useful materials and stacking the same in all leads and lifts and transportation of the un- useful materials for filling in road ways, embankments for grades improvements and levelling to the required grade and then disposing of surplus excavated earth in acquired width of roads or on approved dumping sites through all modes of transportation including head load animal load or mechanical means along with its leveling fine dressing and all labour, machineries, materials, tools equipments and safety measures and incidentals necessary to complete the work by all means (if any required) Recovery for useful material of 249.02 Cum @ 170/-per cubic metre amounting to Rs.42333/- only shall be done on prorata basis for the quantity of cutting in earth work effected. Any loss to the public and private property during the course of execution shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all respect.	2581.91			Per cubic metre	
					Total:-	

Executive Engineer,
Kullu Division ,
HP PWD Kullu

SCHEDULE OF QUANTITY

Name of work:- Construction of Baitu Age to Kalizon Kotlu Thana (G.P.) Chherour road Km. 0/0 to 2/750 under OTMNP
(SH:- Formation cutting in Km. 2/175 to 2/340)

Estimated cost:- 3,32,308.00
 Earnest money :- 6,700.00
 Time :- Two months

14

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Excavation in soil in hilly area in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper, blasting work both in soft and hard rock with chiselling/wedging out of rock(where blasting is not required) and their intermediate classification of soil including, dewatering wherever required setting out to the required line grades, side slopes trimming bottom and level as shown on the drawings as directed by Engineer-in-charge at site according to technical specifications clause 1603.1,&1603.2 and sorting out useful/un useful materials and stacking the same in all leads and lifts and transportation of the un-useful materials for filling in road ways, embankments for grades improvements and levelling to the required grade and then disposing of surplus excavated earth in acquired width of roads or on approved dumping sites through all modes of transportation including head load animal load or mechanical means along with its levelling fine dressing and all labour, machineries, materials, tools equipments and safety measures and incidentals necessary to complete the work by all means (if any required) Recovery for useful material of 246.17 Cum @ 170/-per cubic metre amounting to Rs.41849/- only shall be done on prorata basis for the quantity of cutting in earth work effected. Any loss to the public and private property during the course of execution shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all respect.	2653.79			Per cubic metre	
					Total:-	

Executive Engineer,
 Kullu Division ,
 HP-PWD Kullu

SCHEDULE OF QUANTITY

Estimated cost:- 2,99,642.00
Earnest money :- 6,000.00
Time :- Two months

Name of work:- Construction of Bailu Age to Kalizon Kotlu Thana (G.P.) Chherour road Km. 0/0 to 2/750 under OTMNP
(SH:- Formation cutting in Km. 2/340 to 2/535)

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Excavation in soil in hilly area in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper, blasting work both in soft and hard rock with chiseling/wedging out of rock(where blasting is not required) and their intermediate classification of soil including, dewatering wherever required setting out to the required line grades, side slopes trimming bottom and level as shown on the drawings as directed by Engineer-in-charge at site according to technical specifications clause 1603.1, & 1603.2 and sorting out useful/un useful materials and stacking the same in all leads and lifts and transportation of the un useful materials for filling in road ways, embankments for grades improvements and levelling to the required grade and then disposing of surplus excavated earth in acquired width of roads or on approved dumping sites through all modes of transportation including head load animal load or mechanical means along with its leveling fine dressing and all labour, machineries, materials, tools equipments and safety measures and incidentals necessary to complete the work by all means (if any required) Recovery for useful material of 188.80 Cum @ 170/-per cubic metre amounting to Rs.32096/- only shall be done on prorata basis for the quantity of cutting in earth work effected. Any loss to the public and private property during the course of execution shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all respect.	2524.58			Per cubic metre	
	Total:-					

Executive Engineer,
Kullu Division ,
HP,RWD Kullu

SCHEDULE OF QUANTITY

Estimated cost:- 3,13,683.00
Earnest money :- 6,300.00
Time :- Two months

Name of work:- Construction of Baitu Age to Kalizon Kotlu Thana (G.P.) Chherour road Km. 0/0 to 27/50 under OTMNP
(SH:- Formation cutting in Km. 25/35 to 27/60)

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Excavation in soil in hilly area in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper, blasting work both in soft and hard rock with chiseling/wedging out of rock(where blasting is not required) and their intermediate classification of soil including, dewatering wherever required setting out to the required line grades, side slopes trimming bottom and level as shown on the drawings as directed by Engineer-in-charge at site according to technical specifications clause 1603.1, & 1603.2 and sorting out useful/un useful materials and stacking the same in all leads and lifts and transportation of the un- useful materials for filling in road ways, embankments for grades improvements and levelling to the required grade and then disposing of surplus excavated earth in acquired width of roads or on approved dumping sites through all modes of transportation including head load animal load or mechanical means along with its leveling fine dressing and all labour, machineries, materials, tools equipments and safety measures and incidentals necessary to complete the work by all means (if any required) Recovery for useful material of 142.97 Cum @ 170/-per cubic metre amounting to Rs.24305/- only shall be done on prorata basis for the quantity of cutting in earth work effected. Any loss to the public and private property during the course of execution shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all respect.	2859.46			Per cubic metre	
					Total:-	

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

16

SCHEDULE OF QUANTITY
Name of work:- Construction of road side amenities in Kuliu Distt. On Sanik chowk Bhunter to Ramshilla road Km. 0/0 to 7/0 (SH:- Construction of foot path, edging and U-shape drain).

Estimated cost:- Rs. 4,93,722.00
Earnest money :- Rs. 10,000.00
Time :- Two months

Sr. No.	Description	Qty	Rate In		Unit	Amount
			Figure	Words		
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, chieeseling 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.	48.60			Per Cubic metre	
2	Providing and laying cement concrete 1:6:12 (One cement: Six sand : Twelve graded stone aggregate 40 mm(Forty millimetre) nominal size and curing complete excluding cost of centring and shuttering in Foundation and plinth within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	15.60			Per cubic metre	
3	Providing and laying cement concrete 1:3:6 (One cement:Three sand:Six graded stone aggregate 40mm(Forty millimetre) nominal size excluding cost of centring and shuttering in Foundations and plinth within all leads and lift and carriage of material in all respect as per direction of Engineer in-charge.	34.20			Per Cubic metre	
4	Filling in plinth with sand under floors including watering, ramming, consolidating and dressing complete within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	3.36			Per cubic metre	
5	Providing and laying heavy duty precast cement concrete inter locking paver blocks vibro compacted upto M- 50(fifty) grade including c border or kurb block grey or coloured over sub-base of concrete with 25mm(Twenty five millimetre) thick average thickness of cement mortar 1:4 (One cement : Four sand) laid over and jointed with neat cement slurry mixed with pigment to match the shade of blocks including curing rubbing & polishing complete (Sub base concrete floor to be paid for 40mm(Forty millimetre) thick block within all leads and lift including carriage of material in all respect and as per direction of Engineer-in-charge.	156.00			Per Square metre	

12

6	Random rubble masonry/polygonal rubble masonry (uncoursed/brought to courses) with hard stones of approved quality in foundation and plinth including leveling up with cement concrete 1:6:12 (One cement : Six sand : Twelve graded stone aggregate 20mm (Twenty millimetre) nominal size) at plinth level in cement mortar 1:6 (One cement : Six sand) within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	104.40				Per cubic metre	
						Total	


 Executive Engineer,
 Kullu Division ,
 HP PWD Kullu.

18

SCHEDULE OF QUANTITY

Name of work:- Construction of road side amenities in Kullu Distt. On Sanik chowk Bhunter to Ramshilla road Km. 0/0 to 7/0 (SH:- Providing and fixing railing,grating and kerb stone)

Estimated cost:- Rs. 3,52,875.00
Earnest money :- Rs. 7,100.00
Time :- Two months

Sr. No.	Description	Qty	Rate in		Unit	Amount
			Figure	Words		
1	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint. In beams joists channels, angles, tee, flats with connecting plates or angle cleats as in main and cross beams, hip and jack rafters, purins connected to common rafters and the like within all leads and lift including carriage of material in all respect and as per direction of Engineer-in-charge.	14.28			Per Quintal	
2	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint. In gratings framed guard bars, ladders, railing, brackets and similar works within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	11.34			Per Quintal	
3	Providing and fixing moulded hand rail of M.S. hollow pipe 50mm(Fifty millimetre) dia welded in straight length over M.S. flat at top of vertical balusters including one coat of red oxide priming coat complete (M.S. flat & balusters of railings shall be measured & paid separately within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	130.00			Per Running metre	
4	Providing and fixing pillar Gumbad on every vertical post within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	67			Each	
5	Construction of cement concrete kerb with top and bottom width 115 and 165mm respectively 250mm height in M-20 grade PCC on M-10 grade foundation 150mm thick foundation having 50mm projection beyond kerb stone kerb stone laid with kerb laying machine foundation concrete laid manually all complete as per clause 408 within all leads and lift and carriage of material in all respect as per direction of Engineer-in-charge.	460.00			Per Running metre	
					Total	

Executive Engineer,
Kullu Division,
HP PWD Kullu.

SCHEDULE OF QUANTITY
Name of work:- Repair to Arts and administrative Block building Govt. Degree College Kullu District Kullu (H.P.) (SH:-
P/L steel painting) Job No.2

Estimated cost - Rs. 91,042.00
 Earnest money :- Rs. 2,000.00
 Time :- Two months

14

Sr. No.	Description	Qty	Rate in		Unit	Amount
			Figure	Words		
1	Painting one coat (excluding priming coat) (including one subsequent coat) on previously painted steel & other metal surfaces with ready mixed paint,brushing oil, grease to give an even shade including cleaning the surface of all dirt,dust and other foreign matter With white readymixed paint: within all leads and lift including carriage of material in all respect and as per direction of Engineer-in-charge.	1863.70			Per Square metre	
					Total	

Executive Engineer,
 Kullu Division ,
 HP PWD Kullu.

Name of work:- **Repair to Arts and administrative Block building Govt. Degree College Kulilu District Kulilu (H.P.) (SH:-**
Painting and distempering) Job No.1

Estimated cost:- Rs. 4,54,630.00
 Earnest money :- Rs. 9,100.00
 Time :- Two months

SCHEDULE OF QUANTITY

Sr. No.	Description	Qty	Rate in		Unit	Amount
			Figure	Words		
1	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	7536.52			Per Square metre	
2	Wall painting(One coat) with plastic emulsion paint of approved brand and manufacture on undecorated wall surfaces to give an even shade including throughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth including applying of putty as required for making the surface within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	7536.52			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) within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	712.67			Per Square metre	
4	Wall painting (two coats) with acrylic emulsion paint of approved brand & manufacture for interior grade on undecorated concrete/stone/plastered wall surfaces to give an even shade including thorough brushing the surface free from mortar dropping and other foreign matter and sand papered smooth including applying of putty a required for melting the surface(Wall and ceiling) within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	2437.42			Per Square metre	
5	Polishing one coat including one subsequent coat with french polish on previously polished wood and wood based surface to give an even surface including cleaning the surface of all dirt,dust and sand papered smooth and including a coat of wood filler within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	6.44			Per Square metre	
6	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 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	2260.96			Per Square metre	
					Total	

Executive Engineer,
 Kulilu Division,
 HP&PWD Kulilu.

20

Name of work:- Repair to Boys Hostel building Govt. Degree College Kullu District Kullu (H.P.) (SH:- Painting, distempering and minor repair)

SCHEDULE OF QUANTITY

Estimated cost:- Rs. 4,36,353.00
Earnest money :- Rs. 8,700.00
Time :- Two months

Sr. No.	Description	Qty	Rate in		Unit	Amount
			Figure	Words		
1	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	4208.33			Per Square metre	
2	Distempering(one coat) including one subsequent coat with oil bound washable distemper of approved brand and manufacture and of required shade on decorated wall surfaces to give an even shade, after thoroughly brushing the surface clean of all grease, dirt, loose pieces of scales and also including preparing the surface even and sand papered smooth within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	4208.33			Per Square metre	
3	Painting one or more coats on G.I Sheets with ready mix paint of approved brand and manufacture on old work to give an even shade White /grey/green shade within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	593.25			Per Square metre	
4	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) within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	1776.49			Per Square metre	
5	Painting one coat (excluding priming coat) (including one subsequent coat) on previously painted steel & other metal surfaces with ready mixed paint, brushing oil, grease to give an even shade including cleaning the surface of all dirt, dust and other foreign matter With white readymixed paint within all leads and lift including carriage of material in all respect and as per direction of Engineer-in-charge.	215.97			Per Square metre	
6	Wall painting (two coats) with acrylic emulsion paint of approved brand & 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 meting the surface(Wall and ceiling) within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	1103.51			Per Square metre	

7	Repairs to plaster in patches of 2.50 Sq.M. 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 any leads with cement mortar 1:4 (One Cement : Four Sand) within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	57.60				Per Square metre	
8	a) Fixing door chowkhats including cutting masonry for embedding hold fasts in Cement mortar 1:4 (1 Cement : 4 Sand) and making good the damage to walls Complete within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	6				Each	
	b) Fixing clerestory window chowkhats including cutting masonry for embedding hold fasts in Cement mortar 1:4 (1 Cement : 4 Sand) and making good the damage to walls complete within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	4				Each	
9	Providing wood work in frames of doors, windows, clerestory windows and other frames wrought, framed and fixed in position 2nd class deodar wood within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	0.90				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 2nd class deodar wood within any lead all kinds of soil within all leads and lift of materials and as per direction of Engineer-in-charge.	20.67				Per Square metre	
11	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestory windows including bright finished black enamelled iron hinges with necessary screws 30mm thick 2nd class deodar wood within all leads and lift of materials and as per direction of Engineer-in-charge.	13.23				Per Square metre	
12	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 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	1262.80				Per Square metre	
						Total	


 Executive Engineer,
 Kullu Division,
 HP: PWD Kullu.

Name of work:-
distempering)

Repair to Science block building Govt. Degree College Kullu District Kullu (H.P.) (SH:- Painting and

SCHEDULE OF QUANTITY

Estimated cost:- Rs. 2,89,979.00
Earnest money :- Rs. 5,800.00
Time :- Two months

Sr. No.	Description	Qty	Rate in		Unit	Amount
			Figure	Words		
1	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	4365.13			Per Square metre	
2	Painting two or more coat on GI sheet with ready mixed paint of approved brand and manufacture on new work to give an even shade ready mixed paint within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	1208.93			Per Square metre	
3	Wall painting(One coat) with plastic emulsion paint of approved brand and manufacture on undecorated wall surfaces to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth including applying of putty as required for making the surface within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	2711.17			Per Square metre	
4	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) within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	4084.94			Per Square metre	
5	Wall painting (two coats) with acrylic emulsion paint of approved brand & 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 meting the surface(Wall and ceiling) within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	297.36			Per Square metre	

6	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 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	948.90				Per Square metre	
7	Painting one coat (excluding priming coat) (including one subsequent coat) on previously painted steel & other metal surfaces with ready mixed paint,brushing oil, grease to give an even shade including cleaning the surface of all dirt,dust and other foreign matter With white readymixed paint: within all leads and lift including carriage of material in all respect and as per direction of Engineer-in-charge.	85.70				Per Square metre	
						Total	

Executive Engineer,
Kullu Division ,
HP PWD Kullu.

23

SCHEDULE OF QUANTITY

Estimated cost:- 99,162.00
 Earnest money :- 2,000.00
 Time :- One month.

Name of work:- Restoration of rain damages on various roads under Ruzak section
 (SH:- Hiring of Excavator cum loader(JCB) for the removal of slips/debris/ muck and dressing of road etc.)

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Hiring of J.C.B. / Excavator- cum- loader for removal of slips/ debris / Muck, road side berms, Katcha drain and boulder in all kinds of soil including rocky portion and saturated soil and disposing of all excavated earth or unserviceable materials from the road surface upto 100(One hundred) metre leads and lifts in emergent cases as and when required or as per direction of Engineer-in-charge. The machine/ JCB should work 6 hours daily and remove at least 25.00 cubic metre quantity of soil per hour. 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, it may be ensured that the quantum of work done shall be minimum prescribed quantity and not less than 25.00 cubic metre per hour . The useful material shall be stacked along the road side as per direction of Engineer-in-charge.	126			Per Hour	
					Total:-	

Executive Engineer,
 Kullu Division ,
 HP.PWD Kullu.

SCHEDULE OF QUANTITY

Estimated cost:-2,93,898.00
Earnest money :- 6,000.00
Time :- Two months.

Name of work:- A/R and M/O Buins Bai to Bhuliang road Km. 0/0 to 11/020 (SH.-Repair of Pot holes in Km. 5/0 to 8/0)

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.	15.22			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.	15.22			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.	1521.82			Per Square metre	
					Total:-	

Executive Engineer,
Kullu Division,
HP, PWD-Kullu

24

25

SCHEDULE OF QUANTITY

Name of work:- A/R and M/O Buins Bai to Bhullang road Km. 0/0 to 11/020 (SH:-Repair of Pot holes in Km. 3/0 to 5/0)

Estimated cost:-2,93,898.00
Earnest money :- 6,000.00
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-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.	15.22			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.	15.22			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.	1521.82			Per Square metre	
					Total:-	

Executive Engineer,
Kullu Division,
HP PWD Kullu

SCHEDULE OF QUANTITY

Name of work:- Restoration of rain damages on Badah to Pahnallah road Km. 0/0 to 9/700
(SH:- Metalling and tarring in Km. 9/0 to 9/250)

Estimated cost:- 3,84,489.00
Earnest money :- 7,700.00
Time :- Two months

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Preparation of sub grade by dressing to camber (earth work for the cutting involved for sub grade to be paid for separately depending upon the classification of soil completed as per HP.PWD specifications Within all leads and lift of materials and as per direction of Engineer-in-charge.	879.38			Per Square metre	
2	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and rerolling the sub grade completed as per HP.PWD specifications Within all leads and lift of materials and as per direction of Engineer-in-charge.	879.38			Per Square metre	
3	Construction of granular sub-base by providing well graded material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site upto lead of 1000 m spreading in uniform layers with motor grader on prepared surface and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401 for grading I material Within all leads and lift including carriage of materials in all respect and as per direction of Engineer-in-charge.	109.92			Per Cubic metre	
4	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, , hand packing, rolling with smooth wheel roller 80-100 KN Statics roller in stages to proper grade and interstices of coarse aggregate, stone screening/binding materials to fill up the Grading -II as per technical specification clause 405 by Manual Means including carriage of material within all leads and lift of materials and as per direction of Engineer-in-charge.	60.05			Per Cubic metre	
5	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, , hand packing, rolling with smooth wheel roller 80-100 KN Statics roller in stages to proper grade and interstices of coarse aggregate, stone screening/binding materials to fill up the Grading -III as per technical specification clause 405 by Manual Means including carriage of material within all leads and lift of materials and as per direction of Engineer-in-charge.	60.05			Per Cubic metre	

6	Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70-1.0 kg (Zero point seven zero to one point zero kilogramme) / squaremetre using mechanical means as per Technical specification clause 502. including hauling/ carriage of all labour equipment and materials to various location through all modes of transportation in all leads and lifts of material to the entire satisfaction as per direction of Engineer-in-charge.	800.63				Per square metre	
7	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg (zero point two five to zero point three zero kilo gramme)per squaremetre on the prepared granular surfaces treated with primer and cleaned with Hydraulic broom as per technical specification clause 503. including hauling/ carriage of all labour equipment and materials to various location through all modes of transportation in all leads and lifts of material to the entire satisfaction as per direction of Engineer-in-charge.	800.63				Per Square Metre	
8	Providing laying and rolling of open graded premix carpet of 20mm(Twenty millimetre) thickness composed of 13.2mm(Thirteen point two millimetre) to 5.6mm(Five point six millimetre) aggregate either using penetration grade bitumen or emulsion to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 80-100 KN static roller capacity, finished to required level and grades to be followed by seal coat of either type-A or Type-B or Type-C as per technical specification clause 508 by Manual means Bitumen (VG-10) within all leads and lift of materials and as per direction of Engineer-in-charge.	800.63				Per square metre	
9	Providing and laying seal coat sealing the voids in a bituminous surface laid to the specified levels, grade land cross fall using type-B as per technical specification clause 510 within all leads and lift of materials and as per direction of Engineer-in-charge.	800.63				Per square metre	
						Total:-	

Executive Engineer,
Kullu Division,
HP, PWD Kullu

SCHEDULE OF QUANTITY

Name of work:-Manikaran to Barshani road Km. 0/0 to 14/270 (SH:- Providing patch work, G-III and Providing Metalling & tarring in Km. 13/720 to 13/830)

Estimated cost:-4,07,267.00
Earnest money :- 8,200.00

Time :- Two months

27

Sr. No.	Description	Qty	Rate in		Unit	Amount
			Figure	Words		
1	Preparation of sub grade by dressing to camber (earth work for the cutting involved for sub grade to be paid for separately depending upon the classification of soil completed as per HP.PWD specifications Within all leads and lift of materials and as per direction of Engineer-in-charge.	453.75			Per Square metre	
2	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and rerolling the sub grade completed as per HP.PWD specifications Within all leads and lift of materials and as per direction of Engineer-in-charge.	453.75			Per Square metre	
3	Construction of granular sub-base by providing well graded material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site upto lead of 1000 m spreading in uniform layers with motor grader on prepared surface and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401 for grading I material Within all leads and lift including carriage of materials in all respect and as per direction of Engineer-in-charge.	79.406			Per Cubic metre	
4	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, , hand packing, rolling with smooth wheel roller 80-100 KN in stages to proper grade and camber, applying and booming, stone screening/ binding material to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specification clause 405 by Mechanical Means WBM Grading -II within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	34.03			Per Cubic metre	
5	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 KN in stages to proper grade and camber, applying and booming, stone screening to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specification clause 405 by Mechanical Means WBM Grading -III within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	34.03			Per Cubic metre	

6	Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90-1.2 Kg/sqm. (Zero point nine zero - One point two kilogram per square metre) Using mechanical means as per technical specification clause 502 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	453.75				Per Square metre	
7	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg (zero point two five to zero point three zero kilogramme) per squaremetre on the prepared granular surfaces treated with primer and cleaned with Hydraulic broom as per technical specification clause 503 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	453.75				Per Square metre	
8	Providing and laying bituminous macadam with hot mix plant using crushed aggregates of grading as per Table 500.4 premixed with bituminous binder, transported to site upto a lead of 1000 m laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled to achieve the desired compaction as per Technical Specification Clause 504 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	22.688				Per Cubic metre	
9	Providing and laying 30 mm (Thirty millimetre) thick bituminous concrete with 100-120 TPH batch type HMP (Hot Mix Plant) producing an average output of 75 (Seventy five) tonnes per hour using crushed aggregate of specified grading, premixed with bituminous binder @ 5.4 to 5.6 (Five point four to five point six) percent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment , rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 509 complete in all respect within all leads and lifts including carriage of materials and as per direction of Engineer-in- charge.	13.614				Per Cubic metre	
						Total	

Executive Engineer,
 Kullu Division ,
 HP, PWD Kullu

SCHEDULE OF QUANTITY

Name of work:-Manikaran to Barshani road Km. 0/0 to 14/270 (SH:- Providing patch work, G-III and Providing Metalling & tarring in Km. 13/830 to 13/940)

Estimated cost:-4,07,205.00
Earnest money :- 8,200.00

Time :- Two months

28

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Preparation of sub grade by dressing to camber (earth work for the cutting involved for sub grade to be paid for separately depending upon the classification of soil completed as per HP.PWD specifications Within all leads and lift of materials and as per direction of Engineer-in-charge.	453.75			Per Square metre	
2	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and rerolling the sub grade completed as per HP.PWD specifications Within all leads and lift of materials and as per direction of Engineer-in-charge.	453.75			Per Square metre	
3	Construction of granular sub-base by providing well graded material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site upto lead of 1000 m spreading in uniform layers with motor grader on prepared surface and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401 for grading I material Within all leads and lift including carriage of materials in all respect and as per direction of Engineer-in-charge.	79.400			Per Cubic metre	
4	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, , hand packing, rolling with smooth wheel roller 80-100 KN in stages to proper grade and camber, applying and booming, stone screening/ binding material to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specification clause 405 by Mechanical Means WBM Grading -II within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	34.00			Per Cubic metre	
5	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 KN in stages to proper grade and camber, applying and booming, stone screening to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specification clause 405 by Mechanical Means WBM Grading -II within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	34.00			Per Cubic metre	

6	Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90-1.2 Kg/sqm. (Zero point nine zero - One point two kilogram per square metre) Using mechanical means as per technical specification clause 502 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	453.75				Per Square metre	
7	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg (zero point two five to zero point three zero kilogramme) per squaremetre on the prepared granular surfaces treated with primer and cleaned with Hydraulic broom as per technical specification clause 503 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	453.75				Per Square metre	
8	Providing and laying bituminous macadam with hot mix plant using crushed aggregates of grading as per Table 500.4 premixed with bituminous binder, transported to site upto a lead of 1000 m laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled to achieve the desired compaction as per Technical Specification Clause 504 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	22.688				Per Cubic metre	
9	Providing and laying 30 mm (Thirty millimetre) thick bituminous concrete with 100-120 TPH batch type HMP (Hot Mix Plant) producing an average output of 75 (Seventy five) tonnes per hour using crushed aggregate of specified grading, premixed with bituminous binder @ 5.4 to 5.6 (Five point four to five point six) percent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment , rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 509 complete in all respect within all leads and lifts including carriage of materials and as per direction of Engineer-in- charge.	13.614				Per Cubic metre	
						Total	

Executive Engineer,
Kullu Division,
HP PWD Kullu

SCHEDULE OF QUANTITY

Estimated cost:-4,07,216.00
Earnest money :- 8,200.00
Time :- Two months

Name of work:-Manikaran to Barshani road Km. 0/0 to 14/270 (SH:- Providing patch work, G-II and Providing Metalling & tarring in Km. 13/940 to 14/050)

Sr. No.	Description	Qty	Rate in		Unit	Amount
			Figure	Words		
1	Preparation of sub grade by dressing to camber (earth work for the cutting involved for sub grade to be paid for separately depending upon the classification of soil completed as per HP.PWD specifications Within all leads and lift of materials and as per direction of Engineer-in-charge.	453.75			Per Square metre	
2	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and rerolling the sub grade completed as per HP.PWD specifications Within all leads and lift of materials and as per direction of Engineer-in-charge.	453.75			Per Square metre	
3	Construction of granular sub-base by providing well graded material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site upto lead of 1000 m spreading in uniform layers with motor grader on prepared surface and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401 for grading I material Within all leads and lift including carriage of materials in all respect and as per direction of Engineer-in-charge.	79.390			Per Cubic metre	
4	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, , hand packing, rolling with smooth wheel roller 80-100 KN in stages to proper grade and camber, applying and booming, stone screening/ binding material to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specification clause 405 by Mechanical Means WBM Grading -II within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	34.01			Per Cubic metre	
5	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 KN in stages to proper grade and camber, applying and booming, stone screening to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specification clause 405 by Mechanical Means WBM Grading -III within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	34.01			Per Cubic metre	

6	Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90-1.2 Kg./sqm. (Zero point nine zero - One point two kilogram per square metre) Using mechanical means as per technical specification clause 502 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	453.75				Per Square metre	
7	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg (zero point two five to zero point three zero kilogramme) per squaremetre on the prepared granular surfaces treated with primer and cleaned with Hydraulic broom as per technical specification clause 503 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	453.75				Per Square metre	
8	Providing and laying bituminous macadam with hot mix plant using crushed aggregates of grading as per Table 500.4 premixed with bituminous binder, transported to site upto a lead of 1000 m laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled to achieve the desired compaction as per Technical Specification Clause 504 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	22.688				Per Cubic metre	
9	Providing and laying 30 mm (Thirty millimetre) thick bituminous concrete with 100-120 TPH batch type HMP (Hot Mix Plant) producing an average output of 75 (Seventy five) tonnes per hour using crushed aggregate of specified grading, premixed with bituminous binder @ 5.4 to 5.6 (Five point four to five point six) percent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment , rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 509 complete in all respect within all leads and lifts including carriage of materials and as per direction of Engineer-in- charge.	13.614				Per Cubic metre	
						Total	

Executive Engineer,
Kullu Division,
HP, JMD Kullu

SCHEDULE OF QUANTITY

Estimated cost :- 4,07,226.00
Earnest money :- 8,200.00
Time :- Two months

Name of work:-Manikaran to Barshani road Km. 0/0 to 14/270 (SH:- Providing patch work, G-II and Providing Metalling & tarring in Km. 14/050 to 14/160)

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Preparation of sub grade by dressing to camber (earth work for the cutting involved for sub grade to be paid for separately depending upon the classification of soil completed as per HP.PWD specifications Within all leads and lift of materials and as per direction of Engineer-in-charge.	453.75			Per Square metre	
2	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and rerolling the sub grade completed as per HP.PWD specifications Within all leads and lift of materials and as per direction of Engineer-in-charge.	453.75			Per Square metre	
3	Construction of granular sub-base by providing well graded material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site upto lead of 1000 m spreading in uniform layers with motor grader on prepared surface and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401 for grading I material Within all leads and lift including carriage of materials in all respect and as per direction of Engineer-in-charge.	79.380			Per Cubic metre	
4	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, , hand packing, rolling with smooth wheel roller 80-100 KN in stages to proper grade and camber, applying and booming, stone screening/ binding material to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specification clause 405 by Mechanical Means WBM Grading -II within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	34.02			Per Cubic metre	
5	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 KN in stages to proper grade and camber, applying and booming, stone screening to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specification clause 405 by Mechanical Means WBM Grading -II within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	34.02			Per Cubic metre	

6	Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90-1.2 Kg./sqm. (Zero point nine zero - One point two kilogram per square metre) Using mechanical means as per technical specification clause 502 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	453.75				Per Square metre	
7	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg (zero point two five to zero point three zero kilogramme) per squaremetre on the prepared granular surfaces treated with primer and cleaned with Hydraulic broom as per technical specification clause 503 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	453.75				Per Square metre	
8	Providing and laying bituminous macadam with hot mix plant using crushed aggregates of grading as per Table 500.4 premixed with bituminous binder, transported to site upto a lead of 1000 m laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled to achieve the desired compaction as per Technical Specification Clause 504 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	22.688				Per Cubic metre	
9	Providing and laying 30 mm (Thirty millimetre) thick bituminous concrete with 100-120 TPH batch type HMP (Hot Mix Plant) producing an average output of 75 (Seventy five) tonnes per hour using crushed aggregate of specified grading, premixed with bituminous binder @ 5.4 to 5.6 (Five point four to five point six) percent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment , rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 509 complete in all respect within all leads and lifts including carriage of materials and as per direction of Engineer-in- charge.	13.614				Per Cubic metre	
						Total	

Executive Engineer,
 Kullu Division ,
 HP-PWD Kullu

SCHEDULE OF QUANTITY

Estimated cost:-4,07,243.00
Earnest money :- 8,200.00
Time :- Two months

Name of work:-Manikaran to Barshani road Km. 0/0 to 14/270 (SH:- Providing patch work, G-II and Providing Metalling & tarring in Km. 14/160 to 14/270)

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Preparation of sub grade by dressing to camber (earth work for the cutting involved for sub grade to be paid for separately depending upon the classification of soil completed as per HP.PWD specifications Within all leads and lift of materials and as per direction of Engineer-in-charge.	453.75			Per Square metre	
2	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and rerolling the sub grade completed as per HP.PWD specifications Within all leads and lift of materials and as per direction of Engineer-in-charge.	453.75			Per Square metre	
3	Construction of granular sub-base by providing well graded material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site upto lead of 1000 m spreading in uniform layers with motor grader on prepared surface and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401 for grading I material Within all leads and lift including carriage of materials in all respect and as per direction of Engineer-in-charge.	79.400			Per Cubic metre	
4	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, , hand packing, rolling with smooth wheel roller 80-100 KN in stages to proper grade and camber, applying and booming, stone screening/ binding material to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specification clause 405 by Mechanical Means WBM Grading -II within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	34.02			Per Cubic metre	
5	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 KN in stages to proper grade and camber, applying and booming, stone screening to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specification clause 405 by Mechanical Means WBM Grading -II within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	34.02			Per Cubic metre	

6	Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90-1.2 Kg./sqm. (Zero point nine zero - One point two kilogram per square metre) Using mechanical means as per technical specification clause 502 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	453.75				Per Square metre	
7	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg (zero point two five to zero point three zero kilogramme) per squaremetre on the prepared granular surfaces treated with primer and cleaned with Hydraulic broom as per technical specification clause 503 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	453.75				Per Square metre	
8	Providing and laying bituminous macadam with hot mix plant using crushed aggregates of grading as per Table 500.4 premixed with bituminous binder, transported to site upto a lead of 1000 m laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled to achieve the desired compaction as per Technical Specification Clause 504 within all leads and lifts including carriage of material in all respect and as per direction of Engineer-in-charge.	22.688				Per Cubic metre	
9	Providing and laying 30 mm (Thirty millimetre) thick bituminous concrete with 100-120 TPH batch type HMP (Hot Mix Plant) producing an average output of 75 (Seventy five) tonnes per hour using crushed aggregate of specified grading, premixed with bituminous binder @ 5.4 to 5.6 (Five point four to five point six) percent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment , rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 509 complete in all respect within all leads and lifts including carriage of materials and as per direction of Engineer-in- charge.	13.614				Per Cubic metre	
						Total	

Executive Engineer,
Kullu Division,
HP PWD Kullu

SCHEDULE OF QUANTITY

Name of work :- Construction of Retaining wall near Saraswati Vidya Mandir School Chhanikhori on Bhunter Manikaran road (SH:- C/O Retaining wall at RD. 12/180 to 12/190)

Estimated cost:- Rs. 2,07,432.00
Earnest money :- Rs. 4,000.00

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 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.	51.25			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.	8.79			Per cubic metre	
3	Providing and laying concrete for plain/ reinforced concrete 1:4:8 (One cement : Four sand : eight graded stone aggregate 40mm (Forty millimetre nominal size) in open foundations complete as per drawing and technical specification clause 802,803,1202 and 1203 within all leads and lift of materials and as per direction of Engineer-in-charge.	5.10			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.	39.96			Per cubic metre	
5	Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etc. for sub structure and super structure complete as per drawing and technical specification clause 704.6 & 1302.5 within all leads and lift of materials and as per direction of Engineer-in-charge.	58.75			Per cubic metre	
6	Back filling behind abutment, wing wall and return wall complete as per drawing and technical specification clause 1204.3.8 Granular material within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	22.20			Per cubic metre	
					Total	

Executive Engineer,
Kullu Division,
HP BWD Kullu

32

SCHEDULE OF QUANTITY

Estimated cost:- Rs. 4,41,038.00
Earnest money :- Rs. 9,000.00
Time :- Two months.

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

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 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.	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.	39.00			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 weap holes in brick masonry/ stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20 (H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204.3.7. within all leads and lift of materials and as per direction of Engineer-in-charge.	20			Each	
					Total	

Executive Engineer,
Kullu Division ,
HP.PWD Kullu

34

SCHEDULE OF QUANTITY

Estimated cost:-99,162.00
Earnest money :- 2,000.00
Time :- One month.

Name of work:- Restoration of rain damages on Nagujhor Mashna Thach road Km. 0/0 to 10/500
(SH:- Hiring of Excavator cum loader(JCB) for the removal of slips/debris/ muck etc. at various RDs)

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Hiring of J.C.B. / Excavator- cum- loader for removal of slips/ debris / Muck, road side berms, Katcha drain and boulder in all kinds of soil including rocky portion and saturated soil and disposing of all excavated earth or 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 should work 6 hours daily and remove at least 25.00 cubic metre quantity of soil per hour. 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, it may be ensured that the quantum of work done shall be minimum prescribed quantity and not less than 25.00 cubic metre per hour . The useful material shall be stacked along the road side as per direction of Engineer-in- charge.	126			Per Hour	
					Total	

Executive Engineer,
Kullu Division ,
HP,PWD Kullu.

35

SCHEDULE OF QUANTITY

Estimated cost:-1,66,842.00
Earnest money :- 3,350.00
Time :- One month.

Name of work:- Restoration of rain damages on Dughiling Dubkan road Km. 0/0 to 4/570 (The land slide of the road land owner of Sh. Devi Chand S/O Gilaru Ram village , Phati and Kothi Dughiling Teh. & Distt. Kullu vide Khasara No. 475/793, Kitta-2 5979/5980 as per decision of Court (SH:- Removal of slips at RD. and debries boulder etc. Km. 0/900 to 1/300)

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slops and disposal of cut materials upto any and any lead as per technical specification 302.3.5 and 1611 within all leads and lift of materials and as per direction of Engineer-in-charge.	2760.00			Per cubic metre	
					Total	

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

(36)

SCHEDULE OF QUANTITY

Name of work:- Improvement of Sharni Pinni road Km. 0/0 to 15/180 (SH:- Construction of wire crate work for protection of house at RD. 9/137.50 to 9/150)

Estimated cost:-Rs. 4,34,728.00
Earnest money :- Rs. 8,700.00
Time :- Two months

Sr. No.	Description	Qty	Figure	Rate in Words	Unit	Amount
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto any lead ,dressing of sides and bottom and backfilling in trenches with excavated suitable material within all leads and lift of materials and as per direction of Engineer-in- charge.	60.93			Per cubic metre	
2	Providing and laying of boulder apron laid in wire crates with 4mm (Four millimetre) dia GI wire conforming to IS: 280 and IS: 4826 in 150mmx150mm(One hundred fifty millimetre into One hundred fifty millimetre) mesh (woven diagonally) including 10(Ten) percent extra for laps and joints laid with stone boulders weighing not less than 25 kg.(Twenty five kilogram) each as per drawing and technical specifications clause 1301 within all leads and lift of materials and as per direction of Engineer-in- charge.	156.25			Per cubic metre	
Total:-						

Executive Engineer,
Kullu Division,
HP.PWD Kullu

SCHEDULE OF QUANTITY

Estimated cost-Rs. 4,34,745.00
Earnest money :- Rs. 8,700.00

Time :- Two months

Name of work:- Improvement of Sharni Pinni road Km. 0/0 to 15/180 (SH:- Construction of wire crate work for protection of house at RD. 9/125 to 9/137.50)

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.	60.94			Per cubic metre	
2	Providing and laying of boulder apron laid in wire crates with 4mm (Four millimetre) dia GI wire conforming to IS: 280 and IS: 4826 in 150mmx150mm(One hundred fifty millimetre into One hundred fifty millimetre) mesh (woven diagonally) including 10(Ten) percent extra for laps and joints laid with stone boulders weighing not less than 25 kg.(Twenty five kilogram) each as per drawing and technical specifications clause 1301 within all leads and lift of materials and as per direction of Engineer-in- charge.	156.26			Per cubic metre	
					Total:-	

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SCHEDULE OF QUANTITY

Name of work:- A/R and M/O Chhurla to Khanipandhe road Km. 0/0 to 7/500 (SH:- Providing and laying patch work in Km. 3/0 to 5/0)

Estimated cost:-3,00,548.00
Earnest money :- 6,000.00
Time :- One month

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.	11.39			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.	11.39			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 millimetre) thick premix carpet and seal coat type-B specification clause 1904.2 within all leads and lift including carriage of material in all respect and as per direction of Engineer-in- charge.	746.10			Per square metre	
					Total	

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SCHEDULE OF QUANTITY

Name of work:- A/R and M/O Chhurla to Khanipandhe road Km. 0/0 to 7/500 (SH:- Providing and laying patch work in Km. 5/0 to 7/500)

Estimated cost:-3,82,090.00
Earnest money :- 6,000.00
Time :- One month

(39)

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.	11.27			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.	11.27			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 millimetre) thick premix carpet and seal coat type-B specification clause 1904.2 within all leads and lift including carriage of material in all respect and as per direction of Engineer-in- charge.	968.05			Per square metre	
					Total	

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HP, PWD Kullu


46

SCHEDULE OF QUANTITY

Name of work:- A/R and M/O Khalara Nallah to Chhurla road Km. 0/0 to 4/200 (SH:- Providing and laying patch work in Km. 0/0 to 4/200)

Estimated cost:-4,87,857.00
Earnest money :- 9,800.00
Time :- One month

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 within all leads and lift including carriage of materials and as per direction of Engineer-in-charge.	12.05			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.	12.05			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 millimetre) thick premix carpet and seal coat type-B specification clause 1904.2 within all leads and lift including carriage of material in all respect and as per direction of Engineer-in- charge.	1250.25			Per square metre	
					Total	


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