



**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

Tel.01899-299219.

cepwd-chowari@hp.gov.in

No. PWD-CHW/Tender /2023-24- 7178-80

Dated:- 10-10-2023

To

The Executive Engineer (IT Cell)
Nigam Bihar Shimla-2

Subject: - Publishing of Tender Notice.

Dear Sir,

Enclosed please find herewith the tender Notice of work as give in the Notice inviting Tender for uploading on department website as per notification Principal Secretary (PW) to the Govt. of Himachal Pradesh letter No. PBW-(B) A9 (3)1/2020 dated Shimla-2 the 16th July 2021 as the work mentioned in the tender notice are urgent in nature and public interest.

DA/ As above.

Executive Engineer,
Chowari Division,
HPPWD, Chowari.

Copy forwarded to the Superintending Engineer, 7th Circle, HPPWD, Dalhousie for information please.

Copy forwarded to the Computer Cell O/O Executive Engineer, (IT Cell) Nigam Bihar Shimla-2 for information and further necessary action.

Executive Engineer,
Chowari Division,
HPPWD, Chowari.

Certificate

Certified that the tenders called vide this office letter No. PWD-CHW/Tender /2023-24-7.178-80...dated.10.10.23 is emergent nature and in Public interest.

Executive Engineer,
Chowari Division,
HPPWD, Chowari.



Tel.01899-299219.
cepwd-chowari@hp.gov.in

HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT

"NOTICE INVITING TENDERS"

Scaled percentage/item rate tender(s) on PWD from No 6 & 7/8 are hereby invited by the Executive Engineer, Chowari Division, HPPWD, Chowari on behalf of the Governor of HP for the following works from the approved and eligible contractor/firm of appropriate Class enlisted in HPPWD as per the latest instructions so as to reach in this office as per time schedule given below. The offer of the tender will be kept open for 90 days from the date of opening of the tender. The undersigned reserves the right to reject any or all the tender without assigning any reasons:-

- 1 Date of receipt of application for the tender
Form a/v requisite documents: -
- 2 Date of issued/sale of tender form against
Cash payment (non refundable).

17/10/2023

18/10/2023

The tender shall be received upto 11.00 AM on 19/10/2023 and will be opened on the same day at 12.00 PM in the presence of intending Contractor or their authorized representative who may like to be present. The tender can be had from this office against cash payment as shown below (Non refundable) during the working hours on 19/10/2023.

The Earnest Money in the shape of National Saving Certificate/Deposit at call/Time deposit/Account/in any Post Office/Nationalized Bank in HP duly pledged in favour of Executive Engineer, Chowari Division, HPPWD, Chowari must accompany with each application. Conditional tender and the tender received without earnest money will simultaneously be rejected. The offer of the tender shall be kept open for 90 days. The XEN reserve the right to accept or reject the tender without assigning any reasons:-

S. No.	Name of work	Estimated cost	Earnest Money	Cost of tender	Time Limit	Class
1.	Geotechnical investigation for construction of Type-II Quarter for HPPWD Staff at Chowari Distt. Chamba	284000/-	5680/-	Rs. 350/-	Three Month	Class-D & C
2	Balance work including Metalling and Tarring on Morthu Jolna Balana to Bali and Kallar to Jolna road Km 0/0 to 11/920 (SH:- Preparation of Detailed Project Report).	321840/-	6437/-	Rs. 350/-	Three Month	Class-D & C
3	Restoration of rain damage on Raipur to Fagot road Km 0/0 to 6/350 (SH:- Hiring of Tipper & Excavator cum loader for removal of slips Km 0/0 to 6/350).	434800/-	8696/-	Rs. 350/-	Three Month	Class-D & C
4	Restoration of rain damage on Chowari Mandhiar Gaghar Baloh Fagot road Km 0/0 to 13/330 (SH:- Hiring of excavator cum loader for removal of slips Km 0/0 to 8/700).	495600/-	10000/-	Rs. 350/-	Three Month	Class-D & C
5	Geotechnical investigation for construction of Type-III Quarter for HPPWD Staff at Chowari Distt. Chamba	284000/-	5680/-	Rs. 350/-	Three Month	Class-D & C
6	Restoration of rain damage on Kakira to Chalama road Km 0/0 to 4/300 (SH:- C/o R/wall at Rd 0/197 to 0/209).	499452/-	10000/-	Rs. 350/-	Three Month	Class-D & C
7	Repair of pot holes of link road to village Hatli Km 0/0 to 2/500 (SH:- Repair of pot holes, Providing and laying WBM-III).	498845/-	10000/-	Rs. 350/-	Three Month	Class-D & C

8	Restoration of rain damage on Motla Gola via Kathla road Km 0/0 to 7/00 (SH:- Construction of B/wall with U-shape drain at aRd 1/668 to 1/711).	491982/-	10000/-	Rs. 350/-	Three Month	Class-D & C
9	C/o Link road to village Nahana Km 0/0 to 4/200 (SH:- P/L GSB, G-II, G-III & Bituminous concrete at Rd 3/792 to 3/930).	494811/-	10000/-	Rs. 350/-	Three Month	Class-D & C
10	Geotechnical investigation for construction of HPPWD Division Office Building at Chowari Distt. Chamba	284000/-	5680/-	Rs. 350/-	Three Month	Class-D & C
11	Restoration of rain damage on various roads under Sihunta Sub Division under Thulel Section (SH:- Hiring of excavator cum loader for removal of slips).	498750/-	10000/-	Rs. 350/-	Three Month	Class-D & C
12	Restoration of rain damage on Jolna Bhated Kotla road (SH:- Hiring of Pocklain for removal of slips).	498825/-	10000/-	Rs. 350/-	Three Month	Class-D & C
13	Restoration of rain damage on Shahpur Sihunta Chowari Jot Chamba road Km 40/00 to 53/00 (SH:- C/o Wire crae at Rd 40/470 to 40/494).	490227/-	9600/-	Rs. 350/-	Three Month	Class-D & C
14	Geotechnical Investigation for Construction of 25.00 Mtr. Span Bridge over Narelu Nallah at Rd 1/480 on Sihunta Jolna Kotla road from Km 0/0 to 5/00.	280000/-	5600/-	Rs. 350/-	Three Month	Class-D & C
15	Repair of A.E. Office building at Chowari (SH:- Providing and fixing WPC paneling).	134268/-	2686/-	Rs. 350/-	Three Month	Class-D & C
16	Repair of Divisional office building Chowari (SH:- Repair of roof & wooden member & Sheet roofing).	254697/-	5094/-	Rs. 350/-	Three Month	Class-D & C
17	Restoration of rain damage on Hobar to Khareda road Km 0/0 to 5/00 (SH:- C/o wire crate for protection of R/.wall at Rd 0/791 to 0/807 and R/wall in wire crte at Rd 2/880 to 2/905).	476162/-	9523/-	Rs. 350/-	Three Month	Class-D & C
18	Restoration of rain damage on Chowari Kainthly road Km 0/0 to 12/570 (SH:- C/o B/wall at Rd 0/945 to 0/955 & R/wall at Rd 1/070 to 1/075).	243787/-	4876/-	Rs. 350/-	Three Month	Class-D & C
19	A/R & M/O to Patka to Dalhousie road Km 14/00 to 32/00 (SH:- P/L 80 mm thick paver block at RD 31/340 to 31/380 & U-shape drain 31/340 to 31/385).	485973/-	9800/-	Rs. 350/-	Three Month	Class-D & C
20	Restoration of rain damage on various roads under Balera/Kakira Section under Kakira Sub Division (SH:- Hiring of Excavator cum loader for removal of slips).	217266/-	4345/-	Rs. 350/-	Three Month	Class-D & C
21	Geotechnical investigation for construction of 60.837 met span bridge over Hubardi Khad at Rd 25/390 on Nurpur Sanjhi Nallah Lahru Tunnuhatti road).	304000/-	6080/-	Rs. 350/-	Three Month	Class-D & C
22	Restoration of rain damage on various road under Chowari Sub Division (SH:- Repair of pot holes on various road sunder Chowari Section -1).	490000/-	9800/-	Rs. 350/-	Three Month	Class-D & C
23	Restoration of rain damage on various roads under Chowari Sub Division (SH:- Hiring of excavator cum loader and Tipper under Raipur Section).	487250/-	9745/-	Rs. 350/-	Three Month	Class-D & C

24	Restoration of rain damage on Patka to Dalhousie Road km 14/0 to 32/00 (SH:- C/o R/wall at RD 36/320 to 36/330)	458847/-	4876/-	Rs. 350/-	Three Month	Class-D & C
25.	Restoration of rain damage on Chalari to Kuther rod Km 0/0 to 2/045 (SII:- C/o B/wall at RD 1/150 to 1/180).	236599/-	4732/-	Rs. 350/-	Three Month	Class-D & C

- 1 The tender forms will not be issued to those Contractors whose performance is not found satisfactory.
- 2 The Contractor should have executed two similar types of works 1/3 of each amount put to tender or single work of amount equal to the amount put to tender within list five year.
- 3 GST No/Earnest Money Tender Form cost, copy of enlistment should be accompanied with application.
- 4 Application without all documents will not be entertained.
- 5 Proxy application will not be entertained.

Executive Engineer,
Chowari Division,
HPPWD, Chowari.

No. PWD-CHW/Tender /2023-24- 7181-7231

Dated:- 10-10-23

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

- 1 Engineer-in-Chief, HPPWD, Shimla.
- 2 All the Chief Engineer in HPPWD.
- 3 All SEs/EE in HPPWD.
- 4 All AEs/Contractor under this Division.
- 5 Deputy Commissioner, Chamba
- 6 The BDO Bhattiyat.
- 7 Sub Divisional Magistrate/B.D.O/Tehsildar Chowari.
- 8 Notice Board of this office.

Executive Engineer,
Chowari Division,
HPPWD, Chowari.

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SCHEDULE OF QUANTITY

Geotechnical Investigation for Construction of Type -II Quatror for HP, PWD, Staff at Chowari Dist. Chumbia

S.No	Description of Item	Quantity	Unit	Estimated Cost	
				Estimate Money	Time Limit
				254000.00	Three months
1	Sub Soil Investigation in all type of soil/strata by drilling of bore holes of 11x 81x 75 mm dia h for investigation of soil rock conditions at sites of work including mobilization and de-mobilization for drilling shifting of machinery to bore sites making platform and water arrangement for drilling. The scope of work includes relevant tests and submission of geotechnical report of corner sites of work including carriage of materials within all loads and lift as per the direction of Engineer in Charge.	40.00 running meter	per running meter		
Total					

For
Executive Engineer,
Chowari Division,
HP, PWD Chumbia

Schedule of Quantity

Balance work including Metalling and Tarring of Morthu Jolna, Balana to Balli and Kallar to Jolna Road km 0/0 to 11/920
Preparation of Detailed Project Report)

(SH:-)

Estimated Cost:-	321840.00
Earnest Money:-	6437.00
Time:-	Three month

Sr. No.	Description of item	Qty.	Rate	In Figure	In Words	Unit	Amount
1	Preparation of Detailed project report of balance work including Metalling and Tarring of Morthu Jolna, Balana to Balli and Kallar to Jolna Road km 0/0 to 11/920 in shape of manuscript along with drawing which include the clllection of relevent field data, preparation of draft copy and drawing complete in all respect and submission of the same to higher office for approval . If any correction / amendment has desired by the head office . The same may be corrected as desired by the Engineer-in-Charge complete in all respect. After approval , the same should be submitted in five numbers set of fair DPR and drawing again . If any correction / amendment as desired by head office.	11.920				Per kilometre.	
						Total	

Executive Engineer
Chowari Division
Hppwd Chowari

Schedule of Quantity

Name of work:- Restoration of rain damage on Raipur to Fagot road km 0/0 to 6/350 (SH:- Hiring of tipper & Hydraulic Excavator cum Loader for removal of slips)

Estimate Cost :- Rs. 434800/-
Earnest Money 8696/-
Time Limit Three months

S.No.	Description	Quantity	Rate		Unit	Amount
			in Fig.	in Word		
1	Hiring of JCB/ Excavator cum loader for cutting /widening work road or removal of slips in all kinds of soil and disposing of all excavated earth or unserviceable materials from the road surface upto any leads and lifts upto any height and depths as per direction and entire satisfaction of Engineer-in-Charge. Any loss to the Public/private property or any accident etc. happened during the course hiring period/execution shall be absolute responsibility of the JCB owner which shall be have to fully compensated by the Contractor in all cases. The fuel and operational staff for machine will be provided by the owner. The repair and spare watch and ward of machine also be borne by the contractor /Owner. The daily log book will be maintained at site which should be duly verified by the Engineer-in-Charge	280.00			Per hour	
2	Hiring of Tipper having capacity 5.5 (five decimal five zero) cubic meter for carriage of all type of material upto any leads and lifts as per direction and entire satisfaction of Engineer-in-Charge. Any loss to the Public/private property or any accident etc. happened during the course hiring period/execution shall be absolute responsibility of the JCB owner which shall be have to fully compensated by the Contractor in all cases. The fuel and operational staff for machine will be provided by the owner. The repair and spare watch and ward of machine also are borne by the contractor /Owner. The daily log book will be maintained at site which should be duly verified by the Engineer-in-Charge.	275.00			Per hour	

Executive Engineer
Chowari Division
HPPWD, Chowari

Schedule of Quantity

Name of work:- Restoration of rain damage on Chowari Mandhilar Gaghbar Baloh Fagot Road km 0/0 to 13/330 (SH:- Hiring of Excavator cum Loader for removal of slips km 0/0 to 8/700)

Estimate Cost :- Rs.	495600/-
Earnest Money	10000/-
Time Limit	Three months

S.No.	Description	Quantity	Rate		Unit	Amount
			in-Fig.	in-Word		
1	Hiring of JCB/ Excavator cum loader for cutting /widening work road or removal of slips in all kinds of soil and disposing of all excavated earth or unserviceable materials from the road surface upto any leads and lifts upto any height and depths as per direction and entire satisfaction of Engineer-in-Charge. Any loss to the Public/private property or any accident etc. happened during the course hiring period/execution shall be absolute responsibility of the JCB owner which shall be have to fully compensated by the Contractor in all cases. The fuel and operational staff for machine will be provided by the owner. The repair and spare watch and ward of machine also be borne by the contractor /Owner. The daily log book will be maintained at site which should be duly verified by the Engineer-in-Charge	472.00			Per hour	

Executive Engineer
 Chowari Division
 HPPWD, Chowari

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SCHEDULE OF QUANTITY

Geotechnical Investigation for Construction of Type -III Quarter for HP.PWD. Staff at Chowari Distt. Chamba					
				Estimated Cost :	284000.00
				Earnest Money :	5680.00
				Time Limit :	Three months
S.No	Description of Item	Quantity	Rate	Unit	Amount
1	Sub Soil Investigation in all type of soil/strata by drilling of bore holes of Nx Size 75 mm dia h for investigation of soil rock conditions at site of work including mobilization and de- mobilization for drilling shifting of machinery to bore site making platform and water arrangement for drilling. The scope of work includes relevant tests and submission of geotechnical report of complex site of work including carriage of materials within all leads and lift as per the direction of Engineer-in Charge.	40.00	Running meter	Per running meter	
Total:-					

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

Schedule of Quantity

Name of work:- Restoration of rain damage on Kakira to Chalama Road km 0/0 to 4/300 (SH:- Construction of R/ wall at RD 0/197 to 0/209)

Estimated Cost	Rs 499452/-
Earnest Money	Rs 10000/-
Time Limit	Three months

S.No.	Description	Quantity	Rate		Unit	Amount
			In Fig.	In Word		
1	Earthwork 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. as per the direction of the Engineer in Charge. Including Carriage of material within all leads and lifts and other incidental The Rate including octroi, royalty, Malkana Toll tax sale tax or other taxes imposed by the Govt.	45.00			Per cubic metre	
2	Providing and laying concrete for Plain/reinforced concrete in open foundation complete as per drawing and technical specification clause 802, 803, 1202, and 1203 (P.C.C Nominal size 1:5:10) within all leads and lifts as per the direction of Engineer in Charge including carriage of materials with in all leads, lifts and other incidentals. The rate i/c the octroi royalty, Malkana toll tax, sales tax or ay other taxes imposed by the Govt.	93.84			Per cubic metre	
3	Providing weep holes in brick masonry/ stone masonry/ palin reinforced abutment wing wall, return wall with hundred mm dia PVC pipe extending through the full width of the structures with slope of (1V) : 20 (H) towards drawings face complete as per drawing & technically specifications clauses 614, 709, 1204.3.7 asper the directions of the Engineer-in-charge. i/c carriage of materials with in all leads, lifts and other incidentals. The rate i/c the octroi royalty, Malkana toll tax, sales tax or ay other taxes imposed by the Govt.	27.00			Each	
4	Back filling with granular material behind abutments return walls, wing walls and retaining walls complete as per drawing and MORD technical specification clause 1204.3.8 or as directed by the Engineer-in Charge i/c carriage of materials with in all leads, lifts and other incidentals. The Rate including octroi Royalty Malkana Toll tax Sale tax or any other taxes imposed by the Govt.	16.20			Per cubic metre	
Total						

Executive Engineer
 Chowari Division
 Hdpwd Chowari

Schedule of Quantity

Estimated Cost: - Rs.498845.00
Earnest Money :- Rs. 10000.00
Time Limit :- Three Months

Name of work: -Repair of pot holes of Link Road to village Hatli km 0/00 to 2/500 (SH: - Repair to pot hies, Providing and Laying WBM-III)

Sr. No.	Descriptions of Item	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Providing, Spreading and compacting stone aggregate size 53 mm to 22.4mm (fifty three millimetre to twenty two point four millimetre) Grading-II, 75 mm (seventy five millimetre) compacted thickness to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty - hundred) KN static roller in stages proper graded and camber, applying and brooming stone screening type "B" of size 11.2 mm (eleven point two millimetre) nominal size at the rate of 0.18 (zero point two three cubic metre) per ten square metre to fill up the interstices of coarse aggregate, watering and compacting to the required density as per MORD technical specifications clause No. 405 by manuals means an including hauling of material within all leads and lifts and other incidentals. The rate including octroi, royalty, Malkana, toll tax, sale tax GST or other taxes imposed by the Government	30.43			Per Cubic Metre	
2	Repair of pot holes and removal of loose material, trimming of sides, cleaning of surface by providing and spreading @ 0.300 (Zero point three hundredkilogram) bitumenous per square metre for tack coat, 1.46 kg (one point four six kilogramme) bitumen per square for 20 mm (twenty millimetre) thick pre-mix carpet and 0.680 (zero point six eight kilogramme) bitumen per square metre for seal coat as per MORD specification section 1900 and as per the direction of Engineer-in-Charge including carriage of material with in all leads ,lifts and other incidentals. The rate including the octroi, royalty, Malkana, toll tax,GST, sale tax or other taxes imposed by the Government	1051.77			Per square metre	

Executive Engineer
Chowari Division
Hppwd Chowari

Schedule of Quantity

Name of work:- Restoration of rain damage on Motla Gola via Kathla road km 0/0 to 7/00 (SH:- C/o B/wall and U-shape drain at RD 1/688 to 1/711)

Estimated Cost	Rs 491982/-
Earnest Money	Rs 10000/-
Time Limit	Three months

S.No.	Description	Quantity	Rate		Unit	Amount
			In Fig.	In Word		
1	Excavation in hill in hilly area by mechanical means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5 m and a lead upto 20 m as per technical specification clause 1603.1 as per the direction of the Engineer in Charge. Including Carriage of material within all leads and lifts and other incidental The Rate including octroi, royalty, Malkana Toll tax sale tax or other taxes imposed by the Govt.	29.100			Per cubic metre	
2	Earthwork 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. as per the direction of the Engineer in Charge. Including Carriage of material within all leads and lifts and other incidental The Rate including octroi, royalty, Malkana Toll tax sale tax or other taxes imposed by the Govt.	33.23			Per cubic metre	
3	Providing and laying concrete for Plain/reinforced concrete in open foundation complete as per drawing and technical specification clause 802, 803, 1202, and 1203 (P.C.C Nominal size 1:3:6) within all leads and lifts as per the direction of Engineer in Charge including carriage of materials with in all leads, lifts and other incidentals. The rate i/c the octroi royalty, Malkana toll tax, sales tax or ay other taxes imposed by the Govt.	23.46			Each	
4	Providing and laying concrete for Plain/reinforced concrete in open foundation complete as per drawing and technical specification clause 802, 803, 1202, and 1203 (P.C.C Nominal size 1:5:10) within all leads and lifts as per the direction of Engineer in Charge including carriage of materials with in all leads, lifts and other incidentals. The rate i/c the octroi royalty, Malkana toll tax, sales tax or ay other taxes imposed by the Govt.	69.00			Per cubic metre	
5	Providing weep holes in brick masonry/ stone masonry/ plain reinforced abutment wing wall, return wall with hundred mm dia PVC pipe extending through the full width of the structures with slope of (1V): 20 (H) towards drawings face complete as per drawing & technically specifications clauses 614, 709, 1204, 3.7 as per the directions of the Engineer-in-charge. i/c carriage of materials with in all leads, lifts and other incidentals. The rate i/c the octroi royalty, Malkana toll tax, sales tax or ay other taxes imposed by the Govt.	40.00			Each	
Total						

Executive Engineer
 Chowari Division
 P.O. Chowari

(3)

Schedule of quantity

Name of work:- Construction of Link Road to village Nahana km 0/0 to 4/200 (SI):- Providing and laying GSB, G-II, G-III & Bituminous concrete at RD 3/792 to 3/930)

Estimate Cost.	49481/-
Earnest Money	10000-
Time Limit	Three months

S.No.	Description	Quantity	Rate		Unit	Amount
			In Fig.	In Word		
1	Loosening of ground upto a level of 300mm (Three hundred millimetre) below the sub grade level, watered graded and compacted in layer to meet requirement of table 300.1 and 3000.2 with power Road Roller 8-10 Tonne(Eight tonne) capacity for sub grade construction as per MORD technical specification rural roads clauses 303.5.2 including hauling of materials in all leads, lifts and other incidentals or as per the entire specifications and directions of Engineer-in-Charge. The rate including octroi, royalty, Malkana toll tax, GST or other taxes imposed by the Government.	78.09			Per cubic metre	
2	Construction of granular sub base/base by providing well graded materials of nominal maximum size 80 mm (eighty millimeter) as per table 2.3 of IRC -SP-77-2008 spreading in uniform layers with tractor mount appropriate grading arrangements on prepared surface, mixing by mix in place method at OMC with tractor mount appropriate rotavator attachment and compacting with three wheel 80-100 (eighty -one hundred) KN static roller to achieve the desired density, as per Technical Specifications contained in para 2.2, 3.6 and 3.7 of IRC-SP-77 -2008 or as directed by the Engineer-in-Charge complete , including carriage of materials within all leads, lifts and other incidentals The rate including octroi, royalty, Malkana, toll tax, GST or any other taxes imposed by the Government.	65.07			Per cubic metre	
3	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm Grading-II [75mm consolidated thick] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-B of size 11.2mm nominal size at the rate of 0.20 cum (zero point twenty cubic metres) per ten square metres and binding material at the rate 0.06 cum to fill up the interstices of coarse aggregate, watering and compacting to the required density as per M.O.R.D. technical specifications clause No. 405 including carriage of materials within all leads, lifts and other incidentals The rate including octroi, royalty, Malkana, toll tax, GST or any other taxes imposed by the Government.	39.04			Per cubic metre	

4	Providing, laying, spreading and compacting stone aggregate size 53mm to 22.4mm (fifty three millimeter to twenty two point four millimeter) Grading-III (75mm) seventy five millimeters) consolidated thick] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 K.N. static roller in stages to proper grade and camber, applying and brooming, stone screening type-B of size 11.2mm (eleven point two millimeters) nominal size at the rate of 0.18cum (zero point two eighteen cubic metres) per ten square metres and to fill up the interstices of coarse aggregate, watering and compacting to the required density as per M.O.R.D. technical specifications clause No. 405 including carriage of materials within all leads, lifts and other incidentals The rate including octroi, royalty, Malkana, toll tax , GST or any other taxes imposed by the Government.	39.04				Per cubic metre	
5	Providing and applying primer coat with Bitumen emulsion Bitchem (SS-1) and Silance Nano technology -Tera prime on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 1.0 kg/sqm using mechanical means as per Technical Specification Clause 502 including carriage of materials within all leads, lifts and other incidentals The rate including octroi, royalty, Malkana, toll tax , GST or any other taxes imposed by the Government.	473.97				Per square metre	
6	Providing and applying tack coat with Bitumen emulsion (RS-1) and Silance Nano technology - Nano lac using emulsion distributor at the rate of 0.250 kg per sqm on the prepared bituminous surface cleaned with Hydraulic broom as per Technical Specification Clause 503 including carriage of materials within all leads, lifts and other incidentals The rate including octroi, royalty, Malkana, toll tax , GST or any other taxes imposed by the Government.	473.97				Per square metre	
7	Providing and laying 30 mm (Thirty millimetre) thick bituminous concrete with 100-120 (one hundred-one hundred twenty) TPH batch type hot mix plant producing an average output of 75 (seventy five) tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at the rate of 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 respects or as directed by the Engineer-in-Charge includes carriage of materials within all leads and lifts and other incidentals the rate including octroi, royalty, Malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	14.22				Per cubic metre	
Total :-							

Executive Engineer
 Chowari Division
 PWD Chowari

SCHEDULE OF QUANTITY

Geotechnical Investigation for Construction of H.P. PWD. Division Office Building at Chowari Distt. Chamba

Estimated Cost :	284000.00
Earnest Money :	5680.00
Time Limit :	Three months

S.No	Description of Item	Quantity	Rate	Unit	Amount
1	Sub Soil Investigation in all type of soil/strata by drilling of bore holes of Nx Size 75 mm dia h for investigation of soil rock conditions at site of work including mobilization and de- mobilization for drilling shifting of machinery to bore site making platform and water arrangement for drilling. The scope of work includes relevant tests and submission of geotechnical report of complex site of work including carriage of materials within all leads and lift as per the direction of Engineer-in Charge.	40.00	Running meter	Per running meter	
Total:-					


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

Schedule of Quantity

Estimated Cost	498750/-
Earnest Money	10000/-
Time Limit	Three months

Name of work:- Restoration of rain damage on various roads under Sihunta Sub-Division under Thulel section (SH:- Hiring of Hydraulic Excavator cum Loader for removal of slips)

S.No.	Description	Quantity	Rate		Unit	Amount
			in Fig.	in Word		
1	Hiring of JCB/ Excavator cum loader for cutting/widening work road or removal of slips in all kinds of soil and disposing of all excavated earth or unserviceable materials from the road surface upto any leads and lifts upto any height and depths as per direction and entire satisfaction of Engineer-in-Charge. Any loss to the Public/private property or any accident etc. happened during the course hiring period/execution shall be absolute responsibility of the JCB owner which shall be have to fully compensated by the Contractor in all cases. The fuel and operational staff for machine will be provided by the owner. The repair and spare watch and ward of machine also be borne by the contractor /Owner. The daily log book will be maintained at site which should be duly verified by the Engineer-in-Charge .The rate is including royalty, Malkana,Toll tax, GST or other taxes imposed by the Government.	500.00			Per hour	
Total						


Executive Engineer
 Chowari Division
 Bppwd Chowari

Schedule of Quantity

Name of work :- Restoration of rain damages on Jolna Bhaled Kotla Road (Sub head:- Hiring of Poclain for removal of Slip/Debris/boulder etc)

Estimated Cost	Rs. 498825/-
Earnest Money	Rs. 10000/-
Time Limit	Three months

S.No.	Description	Quantity	Rate		Unit	Amount
			In Fig.	In Word		
1	Hiring of Poclain off removal of lips /Debris/Boulder in all kinds of soil and disposing of all excavated earth or unserviceable materials from the road surface upto any leads and lifts upto any height and depths as per direction and entire satisfaction of Engineer-in-Charge. Any loss to the Public/private property or any accident etc. happened during the course hiring period/execution shall be absolute responsibility of the JCB owner which shall be lave to fully compensated by the Contractor in all cases. The fuel and operational staff for machine will be provided by the owner. The repair and spare watch and ward of machine also be borne by the contractor /Owner. The daily log book will be maintained at site which should be duly verified by the Engineer-in-Charge.	135.00			Per Hours	
Total						

Executive Engineer
 Chowari Division
 Hppwd Chowari

Schedule of Quantity

Restoration of rain damages on Shahpur Sihunta Chowari Jot Chamba Road km 40/0 to 53/0 (SH:- C/o wire crate at RD 40/470 to 40/494)

Estimated Cost	Rs. 490227/-
Earnest Money	Rs. 10000/-
Time Limit	Three months

S.No.	Description	Quantity	Rate		Unit	Amount
			In Fig.	in Word		
1	Earthwork 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. as per the direction of the Engineer in Charge. Including Carriage of material within all leads and lifts and other incidental The Rate including octroi, royalty, Malkana Toll tax sale tax or other taxes imposed by the Govt.	46.56			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 100mm x 100mm (one hundred millimetre into one hundred millimetre) mesh (woven diagonally) including 10% extra for laps and joints laid with stone boulder weighing not less than 40kg (Fortykilogram) each as per drawing and technical specification Clause 1301 and as per directions of including the octroi, royalty Malkana, Toll tax Sales tax, GST or any taxes imposed by the Govt.	150.00			Per cubic metre	
Total						

Executive Engineer
Chowari Division
Hppwd Chowari

(14)

SCHEDULE OF QUANTITY

Geotechnical Investigation for Construction of 25.00 metres span Bridge over Nareluie Nalliah at RD 1/480 on Sihunta Jolina Kotla Road from km 0/0 to 5/00

Estimated Cost : 280000.00

Earnest Money : 5600.00

Time Limit : Three months

S.No	Description of Item	Quantity	In fig.	Rate	In word	Unit	Amount
1.0	Geo-Tech investigation for safe bearing capacity by conducting SPT upto depth 20 metre as per IS:1892 by core drilling, at 2 No. Bore hole locations (quantity=2x20=40m)	40.00				Per running meter	
1.1	Mobilization of necessary equipments, men and materials for geotechnical investigation from one test location to another and remobilization the same including provision casing pipe.						
1.2	Collecting undisturbed soil samples at including waxing labeling, handling and transporting etc.						
1.3	Determination of standard penetration test (SPT) in all the bore holes at regular intervals and collection of the disturbed soil samples from SPT spoon.						
1.4	Determination of natural ground water table and collection of water samples from each bore holes.						
1.5	To conduct test on different samples in the laboratory as such as grain size Analysis, atterberg limits, density, consolidation test, shear properties, natural moisture content and determine the engineering characteristics of the soil.						
1.6	Presentation of data as per IRC :78 and work out the bearing capacity of the soil for design of the foundation for the construction of proposed bridges.						
1.7	Silt factor.						
	Total						

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

15

Schedule of Quantity

Estimated Cost	Rs. 134268/-
Earnest Money	Rs. 2686/-
Time Limit	Three months

Name of work:- Repair & Maintenance of AE office Building at Chowari (SH:- Providing and fixing WPC Panelling etc.)

S.No.	Description	Quantity	Rate		Unit	Amount
			in Fig.	in Word		
1	Providing and fixing WPC (Wood Plastic Composite) Panelling / Lining in interior side including cutting, fixing in position up to all leads and lifts. The WPC also eco wood wall panel, not easy to deform moisture proof instead and with like all type of decorative colour as per direction of Engineer-in-Charge including carriage of materials and other incidentals. The rates are including the octroi, royalty Malkana, Toll tax Sales tax, GST or any taxes imposed by the Govt.	36.54			Per square metre	
Total						

Executive Engineer
Chowari Division
H. P. Chowari

(15)

Schedule of Quantity

Estimated Cost Rs. 254697/-
Earnest Money Rs. 5094/-
Time Limit Three months

Name of work:- Repair & Maintenance of PWD Division office at Chowari (SI:- Repair of Roof & wooden member & sheet etc.)

S.No.	Description	Quantity	Rate		Unit	Amount
			In Fig.	In Word		
1	Dismanteling roofing including ridges, hips, valleys, gutters etc. stacking the serviceable materials and disposal of un-serviceable materials with in all leads and lifts complete, as per direction of Engineer-in-Charge including carriage of materials and other incidentals. The rates are including the octroi, royalty Malkana, Toll tax Sales tax, GST or any taxes imposed by the Govt.	124.00			Per square metre	
2	Providing and fixing 0.60 mm (zero point six millimeter) pre-painted steel sheet roofing with hot drip metallic zinc coated sheet with top coat of regular modified polyester (RMP) organic coated of 20 mm (twenty) micron over 5(five) micron primer coating including fixing with prepainted J or L hooks, bolts & nuts 6 mm (six millimetre dia) and prepainted G.I. limpet and bitumen washers complete with all accessories as required as per the directions of the Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals. The rates inclusive all types of taxes imposed by the Government.	124.00			Per square metre	
3	Providing and fixing ridge and hip 60 cm (sixty centimetre) over all 0.60 mm (zero point six millimetre) thick prepainted steel sheet ridge sheet in roofing with hot drip metallic zinc coated sheet with top coat of regular modified polyester (RMP) polyester organic coated of with epoxy coating of 20 micron (twenty) over 5(five) micron primer coating including fixing with prepainted J or L hooks, bolts & nuts 6 mm (six millimetre dia) and prepainted G.I. limpet and bitumen washers complete with all accessories as required as per the directions of the Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals. The rates inclusive all types of taxes imposed by the Government.	9.60			Per running metre	
4	Dismanteling wood work, wrought framed and fixed in frames other frames and trusses of span upto 10 (ten) metres and height between ridge and floor level stacking the serviceable materials and disposal of un-serviceable materials with in all leads and lifts and as per direction of Engineer-in-Charge including carriage of materials and other incidentals. The rates are including the octroi, royalty Malkana, Toll tax Sales tax, GST or any taxes imposed by the Govt.	0.35			Per cubic metre	
5	Providing wood work in trusses , purlins, rafters, posts, post plates, wall plates and the like wrought framed , hoisted and fixed in position complete with all accessories as required as per direction of the Engineer-in-Charge 2nd class deodar wood	0.35			Per cubic metre	
Total						

Executive Engineer
Chowari Division
Hdpwd Chowari

Schedule of Quantity

Name of work:- Restoration of rain damages on Hobar to Khareda road km 0/0 to 5/00(SH:- C/o wire crate for protection of R/wall at RD 0/791 to 0/807 and R/wall in wire crate at RD 2/880 to 2/905)

Estimated Cost Rs. 476162/-
Earnest Money Rs. 19523
Time Limit Three months

S.No.	Description	Quantity	Rate		Unit	Amount
			In Fig.	In Word		
1	Earthwork 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. as per the direction of the Engineer in Charge. Including Carriage of material within all leads and lifts and other incidental The Rate including octroi, royalty, Malkana Toll tax sale tax or other taxes imposed by the Govt.	46.56			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 100mm x 100mm (one hundred millimetre into one hundred millimetre) mesh (woven diagonally) including 10% extra for laps and joints laid with stone boulder weighing not less than 40kg (Fortykilogram) each as per drawing and technical specification Clause 1301 and as per directions of including the octroi, royalty Malkana, Toll tax Sales tax, GST or any taxes imposed by the Govt.	150.00			Per cubic metre	
3	Back filling with granular material behind abutments return walls, wing walls and retaining walls complete as per drawing and MORD technical specification clause 1204.3.8 or as directed by the Engineer-in Charge i/c carriage of materials with in all leads, lifts and other incidentals. The Rate including octroi Royalty Malkana Toll tax Sale tax or any other taxes imposed by the Govt.	15.00			Per cubic metre	
Total						


Executive Engineer
Chowari Division
Hppwd Chowari

Schedule of Quantity

Name of work:- Restoration of rain damages on Chowari to Kaintithy Road km 0/0 to 12/570 (SH:- C/o B/wall at RD 0/945 to 0/955 & R/wall 1/070 to 1/075)

Estimated Cost	Rs. 243787/-
Earnest Money	Rs. 4876/-
Time Limit	Three months

S.No.	Description	Quantity	Rate		Unit	Amount
			in Fig.	in Word		
1	Earthwork 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. as per the direction of the Engineer in Charge. Including Carriage of material within all leads and lifts and other incidentals. The Rate including octroi, royalty, Malkana Toll tax sale tax or other taxes imposed by the Govt.	21.28			Per cubic metre	
2	Providing and laying concrete for Plain/reinforced concrete in open foundation complete as per drawing and technical specification clause 802, 803, 1202, and 1203 (P.C.C Nominal size 1:5:10) within all leads and lifts as per the direction of Engineer in Charge including carriage of materials with in all leads lifts and other incidentals. The rate i/c the octroi royalty, Malkana toll tax, sales tax or ay other taxes imposed by the Govt.	46.40			Per cubic metre	
3	Providing weep holes in brick masonry/ stone masonry/ plain reinforced abutment wing wall, return wall with hundred mm dia PVC pipe extending through the full width of the structures with slope of (IV): 20 (H) towards drawings face complete as per drawing & technically specifications clauses 614, 709, 1204.3.7 as per the directions of the Engineer-in-charge. i/c carriage of materials with in all leads lifts and other incidentals. The rate i/c the octroi royalty, Malkana toll tax, sales tax or ay other taxes imposed by the Govt.	21.00			Each	
4	Back filling with granular material behind abutments return walls, wing walls and retaining walls complete as per drawing and MORD technical specification clause 1204.3.8 or as directed by the Engineer-in Charge i/c carriage of materials with in all leads, lifts and other incidentals. The Rate including octroi Royalty Malkana Toll tax Sale tax or any other taxes imposed by the Govt.	5.40			Per cubic metre	
Total						


 Executive Engineer
 Chowari Division
 Hppwd Chowari

Schedule of Quantity

Estimated Cost Rs. 9800/-
Earnest Money Three months
Time Limit

Name of work:- A/R & M/O to patka to Dalhousie Road km 14/0 to 32/0 (SIH:- P/L 80 mm thick paver block at RD 31/340 to 31/380 & U-shape drain at 31/340 to 31/385)

S.No.	Description	Quantity	Rate		Unit	Amount
			In Fig.	In Word		
1	Loosening of the ground upto a level of 300 mm below the subgrade level, watered, graded and compacted in layers to meet requirement of Tables 300.1 and 300.2 for subgrade construction as per Technical Specification Clause 303.5.2 within all leads and lifts as per the direction of Engineer in Charge including carriage of materials with in all leads, lifts and other incidentals. The rate i/c the octroi royalty, Malkana toll tax, sales tax or any other taxes imposed by the Govt.	60.00			Per cubic metre	
2	Stone soling property hand packed filling interstices with kharanja stone and consolidating with power road roller to the required gradient and camber including spreading, watering and rolling of binding materials moonum or earth etc. complete as per specification, 100 mm (one hundred millimetre) thick including finished work materials and labour within all leads and lifts as per the direction of Engineer in Charge including carriage of materials with in all leads, lifts and other incidentals. The rate i/c the octroi royalty, Malkana toll tax, sales tax or any other taxes imposed by the Govt.	30.00			Per cubic metre	
3	Providing and laying concrete for Plain/reinforced concrete in open foundation complete as per drawing and technical specification clause 802, 803, 1202, and 1203 (P.C.C Nominal size 1:4:8) within all leads and lifts as per the direction of Engineer in Charge including carriage of materials with in all leads, lifts and other incidentals. The rate i/c the octroi royalty, Malkana toll tax, sales tax or any other taxes imposed by the Govt.	20.00			Per cubic metre	
4	Providing and laying heavy duty precast concrete 80 m thick interlocking paver blocks vibrocompacted upto M-50 grade concrete edge blocks 300 mmx300mmx150mm of grey/coloured over the shade of block including curing, rubbing and polishing complete. Interlocking concrete block pavement shall consists of surface layer of appropriate size concrete paving block paved and compacted over bedding sand layer of specified grading which is spread over a properly constructed and profiled base course and is bounded by properly installed edge restraint the joint shall be filled by fine sand of specified grading. The concrete paving block shall confirm to the relevant IS standard and as per the direction of Engineer in Charge including carriage of materials with in all leads, lifts and other incidentals. The rate i/c the octroi royalty, Malkana toll tax, sales tax or any other taxes imposed by the Govt.	200.00			Per square metre	
5	Earthwork 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 as per the direction of the Engineer in Charge. Including Carriage of material within all leads and lifts and other incidental The Rate including octroi, royalty, Malkana Toll tax sale tax or other taxes imposed by the Govt.	18.00			Per cubic metre	
6	Providing and laying concrete for Plain/reinforced concrete in open foundation complete as per drawing and technical specification clause 802, 803, 1202, and 1203 (P.C.C Nominal size 1:3:6) within all leads and lifts as per the direction of Engineer in Charge including carriage of materials with in all leads, lifts and other incidentals. The rate i/c the octroi royalty, Malkana toll tax, sales tax or any other taxes imposed by the Govt.	16.15			Per cubic metre	
Total						

Executive Engineer

Chowari Division
APWD Chowari

Schedule of Quantity

Name of work:- Restoration of rain damages on various roads at Balera/ kakira sections under Kakira Sub-Division (SH:- Hiring of Excavator cum loader and Tipper)

Estimate Cost :- Rs. 217266/-
Earnest Money 4345/-
Time Limit Three months

S.No.	Description	Quantity	Rate	Unit	Amount
		in Figs	in Word		
1	Hiring of JCB/ Excavator cum loader for cutting /widening work road or removal of slips in all kinds of soil and disposing of all excavated earth or unserviceable materials from the road surface upto any leads and lifts upto any height and depths as per direction and entire satisfaction of Engineer-in-Charge. Any loss to the Public/private property or any accident etc. happened during the course hiring period/execution shall be absolute responsibility of the JCB owner which shall be have to fully compensated by the Contractor in all cases. The fuel and operational staff for machine will be provided by the owner. The repair and spare watch and ward of machine also be borne by the contractor /Owner. The daily log book will be maintained at site which should be duly verified by the Engineer-in-Charge	206.00		Per hour	
2	Hiring of Tipper having capacity 5.5 (five decimal five zero) cubic meter for carriage of all type of material upto any leads and lifts as per direction and entire satisfaction of Engineer-in-Charge. Any loss to the Public/private property or any accident etc. happened during the course hiring period/execution shall be absolute responsibility of the JCB owner which shall be have to fully compensated by the Contractor in all cases. The fuel and operational staff for machine will be provided by the owner. The repair and spare watch and ward of machine also are borne by the contractor /Owner. The daily log book will be maintained at site which should be duly verified by the Engineer-in-Charge.	32.00		Per hour	

Executive Engineer
Chowari Division
HPPWD, Chowari

SCHEDULE OF QUANTITY

Geotechnical Investigation for Construction of 60.837 metres span Bridge over Hubardi Khad at RD 25/390 on Nurpur Sanjhi Nallah Lahru Tunuhatti Road .

Estimated Cost : 304000.00

Earnest Money : 6080.00

Time Limit : Three months

S.No	Description of Item	Quantity	In fig.	Rate	In word	Unit	Amount
1.0	Geo-Tech investigation for safe bearing capacity by conducting SPT upto depth 20 metre as per IS:1892 by core drilling, at 2 No. Bore hole locations (quantity=2x20=40m)	40.00				Per running meter	
1.1	Mobilization of necessary equipments, men and materials for geotechnical investigation from one test location to another and remobilization the same including provision casing pipe.						
1.2	Collecting undisturbed soil samples at including waxing labeling, handling and transporting etc.						
1.3	Determination of standard penetration test (SPT) in all the bore holes at regular intervals and collection of the disturbed soil samples from SPT spoon.						
1.4	Determination of natural ground water table and collection of water samples from each bore holes.						
1.5	To conduct test on different samples in the laboratory as such as grain size Analysis, atterberg limits, density, consolidation test, shear properties, natural moisture content and determine the engineering characteristics of the soil.						
1.6	Presentation of data as per IRC:78 and work out the bearing capacity of the soil for design of the foundation for the construction of proposed bridges.						
1.7	Silt factor.						
	Total						

Executive Engineer,
Chowari Division,
H.P. FWD Chowari

Schedule of Quantity

Estimated Cost: - Rs.490000/-
Earnest Money :- Rs.9800/-
Time Limit :- Three Months

Name of work: -Repair of pot holes of various roads under HPPWD Sub-Division Chowari
(SH: - Repair to pot holes on various roads under Chowari Section-I)

Sr. No.	Descriptions of Item	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Repair of pot holes and removal of loose material, trimming of sides, cleaning of surface by providing and spreading @ 0.300 (Zero point three hundredkilogram) bitumenous per square metre for tack coat, 1.46 kg (one point four six kilograme) bitumen per square for 20 mm (twenty millimetre) thick pre-mix carpet and 0.680 (zero point six eight kilograme) bitumen per square metre for seal coat as per MORD specification section 1900 and as per the direction of Engineer-in-Charge including carriage of material with in all leads, lifts and other incidentials. The rate including the octroi, royalty, Malkana, toll tax, GST, sale tax or other taxes imposed by the Government.	1225.00			Per square metre	

Executive Engineer
Chowari Division
HPPWD Chowari

Schedule of Quantity

Name of work:- Restoration of rain damages on various roads under Chowari Sub-Division (SH:- Hiring of Excavator cum loader and Tipper under Raipur section)

Estimate Cost :- Rs.	487250/-
Earnest Money	9745/-
Time Limit	Three months

S.No.	Description	Quantity	Rate		Unit	Amount
			in Fig.	in Word		
1	Hiring of JCB/ Excavator cum loader for cutting /widening work road or removal of slips in all kinds of soil and disposing of all excavated earth or unserviceable materials from the road surface upto any leads and lifts upto any height and depths as per direction and entire satisfaction of Engineer-in-Charge. Any loss to the Public/private property or any accident etc. happened during the course hiring period/execution shall be absolute responsibility of the JCB owner which shall be have to fully compensated by the Contractor in all cases. The fuel and operational staff for machine will be provided by the owner. The repair and spare watch and ward of machine also be borne by the contractor /Owner. The daily log book will be maintained at site which should be duly verified by the Engineer-in-Charge	358.00			Per hour	
2	Hiring of Tipper having capacity 5.5 (five decimal five zero) cubic meter for carriage of all type of material upto any leads and lifts as per direction and entire satisfaction of Engineer-in-Charge. Any loss to the Public/private property or any accident etc. happened during the course hiring period/execution shall be absolute responsibility of the JCB owner which shall be have to fully compensated by the Contractor in all cases. The fuel and operational staff for machine will be provided by the owner. The repair and spare watch and ward of machine also are borne by the contractor /Owner. The daily log book will be maintained at site which should be duly verified by the Engineer-in-Charge.	200.00			Per hour	

Executive Engineer
 Chowari Division
 HPPWD, Chowari

Schedule of Quantity

Name of work:- Restoration of rain damages on Patka to Dalhousie Road km 14/0 to 32/0 (SH:- C/o R/wall at RD 36/320 to 36/330)

Estimated Cost	Rs.458847/-
Earnest Money	Rs.9177/-
Time Limit	Three months

S.No.	Description	Quantity	Rate		Unit	Amount
			in Fig.	in Word		
1	Earthwork 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. as per the direction of the Engineer in Charge. Including Carriage of material within all leads and lifts and other incidental The Rate including octroi, royalty, Malkana Toll tax sale tax or other taxes imposed by the Govt.	33.50			Per cubic metre	
2	Providing and laying concrete for Plain/reinforced concrete in open foundation complete as per drawing and technical specification clause 802, 803, 1202, and 1203 (P.C.C Nominal size 1:5:10) within all leads and lifts as per the direction of Engineer in Charge including carriage of materials with in all leads, lifts and other incidentals. The rate i/c the octroi royalty, Malkana toll tax, sales tax or ay other taxes imposed by the Govt.	87.40			Per cubic metre	
3	Providing weep holes in brick masonry/ stone masonry/ plain reinforced abutment wing wall, return wall with hundred mm dia PVC pipe extending through the full width of the structures with slope of (1V) : 20 (H) towards drawings face complete as per drawing & technically specifications clauses 614, 709, 1204.3.7 as per the directions of the Engineer-incharge. i/c carriage of materials with in all leads, lifts and other incidentals. The rate i/c the octroi royalty, Malkana toll tax, sales tax or ay other taxes imposed by the Govt.	28.00			Each	
4	Back filling with granular material behind abutments return walls, wing walls and retaining walls complete as per drawing and MORD technical specification clause 1204.3.8 or as directed by the Engineer-in Charge i/c carriage of materials with in all leads, lifts and other incidentals. The Rate including octroi Royalty Malkana Toll tax Sale tax or any other taxes imposed by the Govt.	17.95			Per cubic metre	
Total						


Executive Engineer
 Chowari Division
 Hppwd Chowari

Schedule of Quantity

25

Name of work:- Restoration of rain damages on Chalari to Kuthed road km 0/0 to 2/045 (SH:- C/o B/wall at RD 1/150 to 1/180)

S.No.	Description	Estimated Cost	Rs.45685/-
		Earnest Money	Rs. 9137/-
		Time Limit	Three months

S.No.	Description	Quantity	Rate		Unit	Amount
			In Fig.	In Word		
1	Earthwork 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. as per the direction of the Engineer in Charge. Including Carriage of material within all leads and lifts and other incidentals. The Rate including octroi, royalty, Malkana Toll tax sale tax or other taxes imposed by the Govt.	34.28			Per cubic metre	
2	Providing and laying concrete for Plain/reinforced concrete in open foundation complete as per drawing and technical specification clause 802, 803, 1202, and 1203 (P.C.C Nominal size 1:5:10) within all leads and lifts as per the direction of Engineer in Charge including carriage of materials with in all leads, lifts and other incidentals. The rate i/c the octroi royalty, Malkana toll tax, sales tax or ay other taxes imposed by the Govt.	90.00			Per cubic metre	
3	Providing weep holes in brick masonry/ stone masonry/ plain reinforced abutment wing wall, return wall with hundred mm dia PVC pipe extending through the full width of the structures with slope of (1V) : 20 (H) towards drawings face complete as per drawing & technically specifications clauses 614, 709, 1204.3.7 as per the directions of the Engineer-incharge. i/c carriage of materials with in all leads, lifts and other incidentals. The rate i/c the octroi royalty, Malkana toll tax, sales tax or ay other taxes imposed by the Govt.	38.00			Each	
Total						

Executive Engineer
 Chowari Division
 H.P. Chowari