



**OFFICE OF THE EXECUTIVE ENGINEER,
HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT KARSOG**

PH: 01907-222229 Fax: 222229, e-mail : ee-kar-hp@nic.in

No.PW-KSG-E-Tenders/2023-

2985-88

Dated:-

20/07/23

To


✓ The Executive Engineer (IT) Cell,
HPPWD, Nirman Bhawan, Nigam Vihar,
Shimla-2.

Subject :-

Regarding publication of Tender on departmental site.

Enclosed please find herewith the copies of Notice Inviting Tender for the loading on departmental web-site before 22.07.2023 as per notification issued by the Pr. Secy.(PW) to the Govt. of HP vide letter No. PBW(B)A(3)1/2020 dated 16th July, 2021. As the works mentioned in the Tender Notice are urgent in nature.

Encl:- As above.


Executive Engineer,
B&R Division,
HP PWD Karsog



**OFFICE OF THE EXECUTIVE ENGINEER,
HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT KARSOG**
PH: 01907-222229 Fax: 222229, E-mail : ee-kar-hp@nic.in

Notice inviting tender

Sealed item rates tender on form 6 & 8 are hereby invited by the Executive Engineer, B&R Division HPPWD Karsog on behalf of Governor of Himachal Pradesh from the approved/eligible contractors enlisted in HP,PWD for the following works so as to reach in this office on or before **31.07.2023 upto 11.00 AM** and shall be opened on the same day at **12.00 AM** in presence of the contractor or their authorized representatives who may like to be present. The tender form can be obtained from this office against cash payment (Non refundable) **upto 4.00 PM on 28.07.2023** for which the application should reach in this office **upto 1.00 PM 28.07.2023**.


The earnest money in shape of National saving certificate/time deposit account/saving account in any Nationalized Bank in H.P duly pledged in favour of the Executive Engineer Karsog Division HPPWD Karsog will be received alongwith application for obtaining tenders form. The conditional tenders will summarily be rejected. The offer of the tenders shall be kept open for 51 days from the date of opening of tender. The Executive Engineer, HP PWD, Karsog reserves the right to reject any or all tenders without assigning any reason. The contractors should append their enlistment/renewed certificates/sale Tax registration Numbers with the application for issue of tender form. If any of the date mentioned above happens to be holiday the same shall be processed on next working day.

Sr. No.	Name of work	Estimated cost	Earnest money	Time allowed	Cost of Form
1	C/o Thandapani to Shanauhal road Km. 0/00 to 1/800 (SH:- P/L Kharanja stone soling from 0/105 to 0/305, C/o Hume Pipe Culvert at RD 0/360)	4,08,663/-	8,200/-	Two months	350/-
2	R/R damages on Choridhar Kotlu road Km. 0/00 to 7/00 (SH:- Hiring of JCB/Excavator Cum Loader for removal of slips in Km. 0/00 to 4/00 at various RDs)	2,75,000/-	5,500/-	One month	350/-
3	C/o Kao to Kanda road Km. 0/00 to 7/00 and C/o road from Cylinder Godown Village Nayara to Imla Khad Barlpul(Karsog) Km. 0/0 to 1/330(SH:- Preparation of Detail Project Report under MLA priority)	2,11,380/-	4,300/-	Two month	350/-
4	C/o Preparation of C/o 40.00 mtrs span pre-stressed concrete bridge over Gharoli Khad at Sarahan Haripur road at RD 09/780 (SH: Preparation of Detail Project Report)	1,25,000/-	2,500/-	One month	350/-
5	Consultancy for C/o 18.00 mtrs. Span RCC Box Girder Bridge over Imla Khad at RD 0/975 (To carryout topographical survey at Bridge site, prepare hydraulic calculation for discharge and scour, prepare general arrangement drawing)	1,20,000/-	2,400/-	Two month	350/-
6	R/R damages on various road under Pangna Sub-Division (Chindi Section) (Sh:-C/o Unlined drain and making of loose material and irregularities of shoulder and removal of land slides in various road under Chindi Section)	4,85,371/-	9,800/-	Two months	350/-
7	C/o Chindi to Dachhain road Km. 0/00 to 8/435 (SH:- C/o R/wall at RD 6/855 to 6/875 & Edge wall at RD 4/345 to 4/370)	3,24,560	6,500/-	One month	350/-

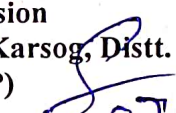
8	C/o Chindi to Dachhain road Km. 0/00 to 8/435 (SH:- Widening of road in Km. 4/435 to 4/375, 4/425 to 4/450, 5/600 to 5/620, 5/810 to 5/830, 6/135 to 6/165, 6/575 to 6/675 & 7/130 to 7/145))	4,97,465/-	10,000/-	One month	350/-
9	C/o Ropa to Fegra road Km. 0/00 to 1/600 (SH:- C/o 900mm dia RCC Hume Pipe Culvert & wing wall at RD 1/160)	3,01,720/-	6,050/-	One month	350/-
10	C/o Ropa to Fegra road Km. 0/00 to 1/600 (SH:- C/o 900mm dia RCC Hume Pipe Culvert & wing wall at RD 0/525)	2,89,968/-	8,500/-	One month	350/-
11	R/R damages on Chamanpur Sihni road Km. 0/00 to 2.00 (SH:- C/o R/wall at RD 0/905 to 0/915)	3,54,064/-	7,100/-	One month	350/-
12	R/R damages on Chamanpur Sihni road Km. 0/00 to 2/00 (SH:- C/o R/wall at RD 0/915 to 0/922.50)	2,65,498/-	5,350/-	One month	350/-
13	R/R damages on various roads under Pangna Sub-Division (Pangna Section) (SH:- C/o Unlined drain and making of loose material and irregularities of shoulder and removal of land slides in various road under Pangna Section)	4,96,403/-	10,000/-	Two months	350/-
14	R/R damages on various roads under Karsog Sub-Division (SH:- Hiring of JCB/Excavator cum Loader for removal of slips at various road at various RDs) Kelodhar Section	4,95,000/-	9,900/-	One month	350/-
15	A/R & M/O Judicial Court Complex Karsog Distt. Mandi H.P. (SH:- P/L vitrified tiles, Tactile tiles, Stainless Steel Railing and Ramp for vision impaired persons)	3,09,663/-	6,200/-	One month	350/-
16	R/R damages on Sarkol Nalla to Pathron road Km. 0/00 to 1/00 (SH:- C/o unlined drain maintenance of earthen shoulders, maintenance of berm & removal of slips at various RDs) D. C. Deposit.	1,73,811/-	3,500/-	One month	350/-
17	R/R damages on Khaneol to Sidh Chowsi road Km. 0/00 to 7/00 (SH:- C/o R/wall at RD 3/930 to 3/940)	2,97,258/-	5,950/-	One month	350/-
18	C/o Old Rakni to Pangna road Km. 0/00 to 2/450 (SH:- C/o 900mm dia RCC Hume pipe Culvert & wing wall at RD 1/290)	2,53,952/-	5,100/-	Three months	350/-
19	Preparation of Forest Diversion Case under Forest Conservation Act, 1980 for the construction of Kheel Kufri to Mahunag road (SH:- Construction of Kheel Kufri to Mahunag road Km. 0/0 to 12/0 and preparation of Digital Map of Kheelkufri to Mahunag 0/0 to 12/0 and Shil to Navidhar via Pokhi 0/00 to 13/00 and Kotlu to Pokhi 0/00 to 17/00)	2,84,460/-	6,000/-	Six months	350/-
20	C/o Mandpa Gali (Kelodhar) to Shoja via Samosthi, Richhani, Jatho, Kamehri road 0/0 to 12/00 in District of Mandi (H.P.) (SH:- Preparation for detailed project report) NABARD.	3,48,000/-	7,000/-	One month	350/-
21	C/o Malog to Chekhwa road Km. 0/00 to 2/00 (SH:- C/o 900mm dia RCC Hume Pipe Culvert & Wing wall at RD 1/925)	2,57,791/-	5,200/-	One month	350/-
22	C/o Malog to Chekhwa road Km. 0/0 0 to 2/00 (SH:- C/o 900mm dia RCC Hume Pipe Culvert & Wing Wall at RD 1/865)	2,61,779/-	5,250/-	One month	350/-
23	Construction of Health Sub-Centre Building at Banthal Tehsil Karsog Distt. Mandi H.P. (SH:- C/o Boundary wall)	2,09,788/-	4,200/-	Two Month	350/-

TERMS & CONDITIONS:-

1. No tender form will be issued to those contractors who are not registered under HPGST Act.
2. The Contractor/firm should be registered as or dealer GST NO.
3. If any of the date mentioned above happened to be Gazetted holidays the same shall be processed on next working day.
4. The Executive Engineer reserves the right to accept/reject any tender/ application or all tenders without assigning any reason.
5. No tender form will be issued to those contractors who are not registered under EPF Act
6. The tender forms will not be issued to those contractors whose performance is not found satisfactory.
7. The earnest money for the above work should be attached with the application.
8. The intending contractors/firms shall have to produce the copy of latest enlistment and renewal enlisted in HP,PWD.
9. As per Govt. Notification PW/CTR/32-20Genl Inst-CPWD/2020-37996-38095 dated 13-03-2023 the tenders above 5% will be summarily rejected and tenders amounts below 30% of amount put to tender will also be accepted.



Executive Engineer
B&R Division
HPPWD Karsog, Distt.
Mandi(HP)

Dated:-


20/07/23

No. PW-CB-E-Tender/23 - 2985-88

1. Copy to the Director , Information & Publications Department, HP Shimla for favour of publication in one Regional Newspaper and one National Newspaper.
2. Copy to the Superintending Engineer, 1st Circle, HP,PWD, Mandi for information please.
3. The Sub-Divisional Officer (Civil) Karsog, tehsil Karsog Distt. Mandi HP.
4. The Block Development Officer Karsog , tehsil Karsog Distt. Mandi HP.
5. All the Assistant Engineers, working under this Division.
6. Copy to Drawing & Account Branch.
7. Notice board of this office.


Executive Engineer,
B&R Division,
HP PWD Karsog

SCHEDULE OF QUANTITY


Estimated Cost
Earnest Money
Time

408663
8200
Two months

Name of Work:-C/O Thandapani to Shanaulhal road Km 0/00 to 1/800 (SH:- P/L Kharanja stone soling from 0/105 to 0/305, C/O hume Pipe culvert at RD 0/350).

Sr. No.	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount.
			In Figure	in words		
1	Preparation of sub grade by dressing to camber (Earth work for the cutting involved for sub-graded to be paid for separately depending upon the classification of Engineer-in-Charge within all leads and lifts and other incidentals.	703.50			Per Square Meter	
2	Consolidation of sub-grade with road roller including making good the undulation etc. with earth or quarry soil etc. and re-rolling the sub-grade completed as per HP.PWD. Specifications as per direction of Engineer-in-Charge within all leads and lifts and other incidentals.	703.50			Per Square Meter	
3	Stone soling properly hand-packed filling interstices with Kharanja stone and consolidation with power road roller to the requested gradient and comber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HPPWD specification. 100 mm (one hundred millimetre) spread thickness (finished work including materials and labour) within all leads and lifts and other incidentals as per direction of Engineer-in-Charge within all leads and lifts and other incidentals.	105.53			Per Cubic Meter	
4	Earth work in excavation by mechanical means(hydraulic excavator)/manual means in foundation trenches of drain (not exceeding 1.5 (One point five meter) in width or 10 sqm (Ten Square meter) on plan including dressing of sides and ramming of bottoms, life upto 1.5 m, including gating out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	12.00			Per Cubic Meter	
5	Providing and laying concrete for pain/reinforced concrete 1:5:10 (one cement : five sand : ten graded stone aggregate) in open foundations complete as per drawing and technical specification clauses 802.803.1202 and 1203 as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	33.01			Per Cubic Meter	
6	Providing and laying reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in double row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets as per clause 1106 as per direction of Engineer-in-Charge within all leads and lifts and other incidentals.	5.00			Running Metre	

7	Providing and Laying filter media with granular crushed aggregate as per specification to a thickness of not less than 600mm(six hundred millimeter) with smaller size towards the soil and bigger size towards the wall and providing over the entire surface behind abutment, wing wall, return wall to the full height, compacted to firm condition complete as per drawing and technical specifications clause 1204.3.8 or as per direction of engineer in charge including carriage of materials with in all lead and lifts and other incidentals.	3.95			Per Cubic Meter	
8	Providing weepholes in bricks masonry/stone masonry plain /reinforced concrete abutment wing wall,return wall with 100mm dia PVC pipe extending through the full with the structure with slope of 1(V): 20(H) towards drawing face complete as per drawing and technical specification clause 614,709, 1204.3.7 As per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	10.00			Each	
Total :-						



 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog.

Schedule of Quantity

Estimated Cost Rs.	275000
Earnest Money	5500
Time:-	one Month

Name of Work:- R/R Damages on Chouridhar Kotlu road Km. 0/00 to 7/00 (SH:- Hiring of JCB/ Excavator Cum loader for Removal of slips in km. 0/00 to 4/00 at various RD's)

Sr. No.	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount
			In Fig	In Words		
1	Hiring of JCB/Excavator cum Loader for cutting in earth work/removal of snow/slips from road surface in all kind of soil such as pick work, jumper work, blasting work in soft and hard rock saturated soil and disposing of all excavated earth or un-serviceable materials from the road surface up to any leads and lifts and as per direction of Engineer-in-Charge. The machine/JCB should work 7 Hour daily. Any loss of public property and accident etc. the contractor is fully responsible during the execution of work. The POL and operation staff for the machine will be provided by the owner. The repair charges of machinery during the execution of work will be borne by the contractor. The useful material shall be stacked along the road side as per direction of Engineer-in-Charge.	250.00			Per Hours	
	Total:-					


Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

SCHEDULE OF QUANTITY

Estimated Cost:- 182000

Earnest Money:- 4250

Time:- Two months

Name of work:-C/O Kao to Kanda Road km 0/00 to 7/00 andC/O road from Cylander Godown Village Nayara to Imla khad
Barlpul (Karsog).Km. 0/0 to 1/330.- (SH:- Preparation of Detail Project Report Under MLA Priority)

S. No.	Items of work	Quantity	Rates		Unit	Amount
			In figures	In words		
1	Surveying and investigation for preparation of manuscript/fair out copy of deatiled Estimate such as Metalling and Tarring, missing R/Wall, B/wall, CD Works ,ROFD, Drains, Parapets and other necessary provision taken in estimate along with relevent working drawing (five sets of each DPR) and soft copies in the form of compact disc (C.D.) of above mentioned of DPR complete including design calculation sheet as required by the Engineer -in-Charge including nauling/carriage of materials through all modes of transportation with in all leads and lift of materials and other incidentals.	8.130 km			Per km	
					Total	

Executive Engineer

HPPWD Karsog Division

Karsog

SCHEDULE OF QUANTITY

Estimated Cost:-

125000

Earnest Money:-

2500

Time:-

One months

Name of work:-Preparation of DPR of C/O 40.00 mtr span prestressed concrete bridge over Gharoli Khad at Sarahan Haripur Road at RD 09/780 (SH:- Preparation of Detail Project Report)

S. No.	Items of work	Quantity (Span in Mtrs.)	One Job	Rates		Unit	Amount
				In figuers	In words		
1	Preparation of DPR of C/O 40.00 mtr span prestressed concrete bridge over Gharoli Khad at Sarahan Haripur Road at RD 09/780 .The DPR in triplicate copies to be approved from the Circle office as well as Chief offices to remove all the obervation raised by higher offices till the approval DPR including all formats and other incidental charges complete in all respects.	Lump Sum					
						Total	

Executive Engineer

HPPWD Karsog Division

Karsog


BNT

Estimated Cost:- 120000
Earnest Money:- 2400

Time:- Two months

Name of work:- Consultancy for C/O 18.00 Mtr Span RCC Box Girder bridge over Imla Khad at RD 0/975 (To carryout topographical survey at bridge site, prepare hydraulic calculation for discharge and scour, prepare general arragment drawing)

S. No.	Items of work	Quantity (Span in Mtrs.)		Rates		Unit	Amount
		Lump Sum	One Job	In figures	In words		
1	To carryout topographical survey at bridge site, prepare hydraulic calculation for discharge and scour, prepare general arragment drawing and approval thereof from the competent authority.					Per Job	
						Total	



Executive Engineer
HPPWD Karsog Division
Karsog

Schedule of Quantity

Estimated Cost Rs.	485371
Earnest Money	9800
Time:-	Two Months

Name of Work:- R/R Damages on various road under Pangna Sub Division (Chindi Section) (SH:- C/O Unlined drain and Making of loose material and irregularities of shoulder and removal of land slides in various road under Chindi Section)

Sr. No.	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount
			In Figure	In Words		
1	Removal of land slide slip clearance:- Removal of land slides in hilly area in ordinary rock not requiring blasting by mechanically means including cutting and trimming of stops and disposal of cut material with in all leads and lifts, stacking the serviceable material and disposal of unserviceable material as per technical specification clause 302.3.5 and 1611 within all leads and lifts and other incidentals as per direction of Engineer-in Charge.	793.30			Per Cubic Metre	
2	Construction of unlined surface drains of average cross-sectional area 0.20 Sqm. In ordinary rock to specified lines, grades, levels and dimensions as per approved design and technical specification clause 307. within all leads and lifts and other incidentals as per direction of Engineer-in Charge.	12390.00			Per Running Meter	
3	Making up loss of material/irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC upto any as per technical specification clause 1903 within all leads and lifts and other incidentals as per direction of Engineer-in Charge.	1750.50			Per Square Meter	



 Executive Engineer,
 Karsog Division,
 HRPWD, Karsog

Schedule of Quantity

Estimated Cost Rs.	324560
Earnest Money	6500
Time:-	One month

Name of work:- C/O Chindi to Dachhain road Km. 0/00 to 8/435 (SH:- C/O R/Wall at RD 6/855 to 6/875 & Edge wall at RD 4/345 to 4/370)

Sr. No.	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount
			In Figure	In Words		
1	Excavation in soil in hilly area by mechanical means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5 mand a lead upto 20m as per technical specifications clause 1603.1 within all leads and lifts and other incidentals as per direction of Engineer-in Charge.	40.50			Per Cubic Meter	
2	Providing and laying cement concrete 1:5:10 and curing complete including the cost of form work for plain/ reinforced concrete in retaining walls ,breast walls , as per drawing and HPPWD technical specifications within all leads and lifts and other incidentals as per direction of Engineer-in Charge.	52.70			Per Cubic Meter	
3	Backfilling behind abutment, wing wall and return wall complete as per drawing and technical specifications clause 1204.3.8 granular material within all leads and lifts and other incidentals as per direction of Engineer-in Charge.	20.40			Per Cubic Meter	
4	Providing weep holes in brick masonry/stone masonry /plain reinforced concrete /abutment/wing walls/return walls with 100 mm dia PVC pipe extending through the full width of structures with slope of 1(v) : 20H towards drawing face complete as per drawing and technical specifications clauses 614,709,1204.3.7 within all leads and lifts and other incidentals as per direction of Engineer-in Charge.	40.00			Each	


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog.

Schedule of Quantity

Estimated Cost Rs.	497465
Earnest Money	10000
Time:-	One month

Name of work:- C/O Chindi to Dachhain road Km. 0/00 to 8/435 (SH:- Widening of road in Km. 4/435 to 4/375, 4/425 to 4/450, 5/600 to 5/620, 5/810 to 5/830, 6/135 to 6/165, 6/575 to 6/675 & 7/130 to 7/145)

Sr. No.	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount
			In Figure	In Words		
1	Excavation in earth work in hilly area by mechanical means all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification for Rural Roads August 2004 and Clause 16.2 of general condition for contract to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in-charge for smooth riding. The recovery of 222.02 cubic metre @ Rs. 300/- per cubic metre amounting to Rs. 66606/- 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 excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.	1500.24			Per Cubic Metre	
Total:-						


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

SCHEDULE OF QUANTITY

Name of Work:-C/O Ropa to Phegra road Km 0/00 to 1/600 (SH:- C/O 900 mm dia RCC Hume Pipe culvert & wing wall at RD 1/160).

Estimated Cost
Earnest Money
Time

301720
6050
One Month

Sr.No.	Sub-Head and Items of works.	Qty.	Rate		Unit.	Amount.
			In Figure	In words		
1	Earth work in excavation for structure as per drawing and technical specification clause 305.1 including setting out construction for shoring and bracing removal of stamps and other deleterious materials and desposal up to any lead dressing of side and bottom and back filling in trenches with excavated suitable materials ordinary soil upto any depth as per direction of engineer in charge with in all lead and lifts and other incidentals.	48.56			Per Cubic Meter	
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 Nominal mix 1:6:12 (one cement: six sand: twelve graded stone aggregate 40mm (forty millimeter) nominal size as per direction of engineer in charge including carriage of materials with in all lead and lifts and other incidentals as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	2.02			Per Cubic Meter	
3	Providing and laying concrete for pain/reinforced concrete 1:5:10 (one cement : five sand : ten graded stone aggregate) in open foundations complete as per drawing and technical specification clauses 802.803.1202 and 1203 as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	43.10			Per Cubic Meter	
4	Providing and laying reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in double row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets as per clause 1106as per direction of Engineer-in-Charge with in all leads and lifts and other incidentals.	7.50			Running Metre	
5	Back filling behind abutment wing wall and retaining wall complete as per drawing & technical specification clause 1204.3.8 as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	5.70			Per Cubic Meter	
6	Providing weepholes in bricks masonry/stone masonry plain /reinforced concrete abutment wing wall, return wall with 100mm dia PVC pipe extending through the full with the structure with slope of 1(V): 20(H) towards drawing face complete as per drawing and technical specification clause 614.709,1204.3.7 As per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	12.00			Each	
Total :-						


Executive Engineer,
Karsog Division,
HPPWD, Karsog.

SCHEDULE OF QUANTITY

Name of Work:-C/O Ropa to Phegra road Km 0/00 to 1/600 (SH:- C/O 900 mm dia RCC Hume Pipe culvert & wing wall at RD 0/525).

Estimated Cost 289968
Earnest Money 5800
Time One Month

Sr.No.	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount.
			in Figure	in words		
1	Earth work in excavation for structure as per drawing and technical specification clause 305.1 including setting out construction for shoring and bracing removal of stamps and other deleterious materials and desposal up to any lead dressing of side and bottom and back filling in trenches with excavated suitable materials ordinary soil upto any depth as per direction of engineer in charge with in all lead and lifts and other incidentals.	48.56			Per Cubic Meter	
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 Noimnal mix 1:6:12. (one cement: six sand: twelve graded stone aggregate 40mm (forty millimeter) nominal size as per direction of engineer in charge including carriage of materials with in all lead and lifts and other incidentals as per direction of Engineer-in- Charge including carriage of materials within all leads and lifts and other incidentals.	2.02			Per Cubic Meter	
3	Providing and laying concrete for pain/reinforced concrete 1:5:10 (one cement : five sand : ten graded stone aggregate) in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other	40.86			Per Cubic Meter	
4	Providing and laying reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in double row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets as per clause 1106as per direction of Engineer-in-Charge with in all leads and lifts and other incidentals.	7.50			Running Metre	
5	Back filling behind abutment wing wall and retaining wall complete as per drawing & technical specification clause 1204.3.8 as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	5.70			Per Cubic Meter	
6	Providing weepholes in bricks masonry/stone masonry plain /reinforced concrete abutment wing wall,return wall with 100mm dia PVC pipe extending through the full with the structure with slope of 1(V): 20(H) towards drawing face complete as per drawing and technical specification clause 614,709,1204.3.7 As per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	12.00			Each	
	Total :-					



Executive Engineer,
Karsog Division,
HPBMD, Karsog.

SCHEDULE OF QUANTITY

Name of Work:- R/R Damages on Chamanpur Sihni road Km 0/00 to 2/00 (SH:- C/O R/Wall at RD 0/905 to 0/915).

Estimated Cost 3,54,064
Earnest Money 7100
Time One month

Sr.No.	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount.
			In Figure	in words		
1	Earth work in excavation for structure as per drawing and technical specification clause 305.1 including setting out construction for shoring and bracing removal of stamps and other deleterious materials and disposal up to a lead of 50 mtrs dressing of side and bottom and back filling in trenches with excavated suitable materials ordinary soil upto 3mtrs depth as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	21.70			Per Cubic Meter	
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 Nominal mix 1:6:12 (one cement: six sand: twelve graded stone aggregate 40mm (forty millimeter) nominal size as per direction of engineer in charge including carriage of materials with in all lead and lifts and other incidentals As per direction of Engineer-in- Charge including carriage of materials within all leads and lifts and other incidentals.	3.38			Per Cubic meter	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:4:8 (one Cement : four coarse sand : eight graded stone aggregate 40 mm (forty millimetre) nominal size as per direction of Engineer-in- Charge including carriage of materials within all leads and lifts and other incidentals.	2.64			Per Cubic Meter	
4	Stone masonry in cement mortar for sub structure complete as per drawing and technical specification clause 702.704, 1202 and 1204 in cement mortar 1:6 (one cement : six sand) R/R masonry with in all lead and lifts and other incidentals as per direction of Engineer-in- Charge including carriage of materials within all leads and lifts and other incidentals.	25.14			Per Cubic meter	
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 clauses 704 704.6& 1302.5 within all leads and lifts and other incidentals	33.96			Per Cubic Meter	
6	Back filling behind abutment wing wall and retaining wall complete as per drawing & technical specification clause 1204.3.8 as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	13.50			Per Cubic Meter	
Total :-						


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog.

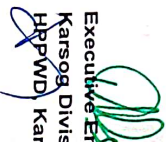
SCHEDULE OF QUANTITY

Estimated Cost
Earnest Money
Time

265498
5350
One month

Name of Work:-R/R Damages on Chamanpur Sihni road Km 0/00 to 2/00 (SH:- C/O RWall at RD 0/915 to 0/922.50).

Sr.No.	Sub-Head and Items of works.	Qty.	Rate		Unit.	Amount.
			In Figure	In words		
1	Earth work in excavation for structure as per drawing and technical specification clause 305.1 including setting out construction for shoring and bracing removal of stamps and other deleterious materials and desposal up to a lead of 50 mtrs dressing of side and bottom and back filling in trenches with excavated suitable materials ordinary soil upto 3mtrs depth as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	16.28			Per Cubic Meter	
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 Nominal mix 1:6:12 (one cement: six sand: twelve graded stone aggregate 40mm (forty millimeter) nominal size as per direction of engineer in charge including carriage of materials with in all lead and lifts and other incidentals As per direction of Engineer-in- Charge including carriage of materials within all leads and lifts and other incidentals.	2.53			Per Cubic meter	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:4:8 (one Cement : four coarse sand : eight graded stone aggregate 40 mm (forty millimetre) nominal size as per direction of Engineer-in- Charge including carriage of materials within all leads and lifts and other incidentals.	1.98			Per Cubic Meter	
4	Stone masonry in cement mortar for sub structure complete as per drawing and technical specification clause 702, 704, 1202 and 1204 in cement mortar 1:6 (one cement : six sand) R/R masonry with in all lead and lifts and other incidentals as per direction of Engineer-in- Charge including carriage of materials within all leads and lifts and other incidentals.	18.85			Per Cubic meter	
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 clauses 704 704.6& 1302.5 within all leads and lifts and other incidentals	25.47			Per Cubic Meter	
6	Back filling behind abutment wing wall and retaining wall complete as per drawing & technical specification clause 1204, 3.8 as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	10.13			Per Cubic Meter	
	Total :-					


Executive Engineer,
Karsog Division,
HRPWD, Karsog.

Schedule of Quantity

Estimated Cost Rs.	496403
Earnest Money	10000
Time:-	Two Months

Name of Work:- R/R Damages on various road under Pangna Sub Division (Pangna Section)(SH:- C/O Unlined drain and Making of loose material and irregularities of shoulder and removal of land slides in various road under Pangna Section)

Sr. No.	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount
			In Figure	In Words		
1	Construction of unlined surface drains of average cross-sectional area 0.20 Sqm. In ordinary rock to specified lines, grades, levels and dimensions as per approved design and technical specification clause 307. within all leads and lifts and other incidentals as per direction of Engineer-in Charge.	7955.00			Per Running Metre	
2	Making up loss of material/irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC upto any as per technical specification clause 1903 within all leads and lifts and other incidentals as per direction of Engineer-in Charge.	7462.00			Per Square Metre	
3	Removal of land slide slip clearance:- Removal of land slides in hilly area in ordinary rock not requiring blasting by mechanically means including cutting and trimming of slopes and disposal of cut material with in all leads and lifts, stacking the serviceable material and disposal of unserviceable material as per technical specification clause 302.3.5 and 1611 within all leads and lifts and other incidentals as per direction of Engineer-in Charge.	661.20			Per Cubic Metre	


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

SCHEDULE OF QUANTITY

Estimated Cost Rs.	495000
Earnest Money	9900
Time:-	one Month

Name of Work:- R/R Damages Various road under Karsog Sub Division (SH:- Hiring of JCB/ Excavator Cum loader for Removal of slips at Various road at various RD's) Kelodhar Section

Sr. No.	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount
			In Fig	In Words		
1	Hiring of JCB/Excavator cum Loader for cutting in earth work/removal of snow/slips from road surface in all kind of soil such as pick work, jumper work, blasting work in soft and hard rock saturated soil and disposing of all excavated earth or un-serviceable materials from the road surface up to any leads and lifts and as per direction of Engineer-in-Charge. The machine/JCB should work 7 Hour daily. Any loss of public property and accident etc. the contractor is fully responsible during the execution of work. The POL and operation staff for the machine will be provided by the owner the repair charges of machinery will be provided by the owner. The repair charges of machinery during the execution of work will be borne by the contractor. The useful material shall be stacked along the road side as per direction of Engineer-in-Charge.	450.00			Per Hours	
	Total:-					


 Executive Engineer,
 Karsog Division,
 B.P. RD, Karsog

SCHEDULE OF QUANTITY

Name of work : - A/R & M/O Judicial court complex Karsog Distt. Mandi (H,P) (SH :- PL vitrified tiles, Tactile tiles, Stainless Steel railing and ramp for vision impaired persons).

Estimated Cost 309663
Earnest Money 6200
Time One Month

Sr.No.	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount.
			in Figure	in words		
1	Excavation work by mechnical means (Hydraulic excavator) manual means in foundation trenches or drains not exceeding 1.5 m (One Point five metre) in width or 10 sqm on plan , including dressing of sides and ramming of bottoms, lift upto 1.5 metre(one point five metre) including getting out the excavated soil and disposal of surplus excavated soils as directed, with in a lead of 50m (Fifty metre) as per direction of Engineer-in-Charge with in all leads and lifts and other incidentals.	3.00			Per Cubic Meter	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering All works up to plinth level 1:5:10 (one cement : five sand : ten graded stone aggregate) 40 mm nominal size (Forty Millimeter) nominal size as per direction of Engineer-in-Charge with in all leads and lifts and other incidentals.	8.51			Per Cubic Meter	
3	Boulder filling under floors tightly hand packed as per direction of Engineer-in-Charge with in all leads and lifts and other incidentals.	3.00			Per Cubic Meter	
4	Providing and laying vitrified floor tiles in different sizes(thickness to be specified by the manufacturer) withwater absorption less than 0.08%(Zero Point zero eight percent) and conforming to IS-15622, of approved make, in all colours and shades, in skirting, riser of steps, over 12 mm(Twelve millimeter) thick bed of cement mortar 1:4 (one cement: four coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete. as per direction of Engineer-in-Charge with in all leads and lifts and other incidentals.	18.24			Per Square Meter	
5	Providing and fixing stainless steel (Grade 304) railingmade of Hollow tubes, channels, plates etc., includingwelding, grinding, buffing, polishing and makingcurvature (wherever required) and filling the same withnecessary stainless steel nuts and bolts complete, ifixing the railing with necessary accessories & stainlesssteel dash fasteners , stainless steel bolts etc , ofrequired size, on the top of the floor or the side of waistslab with suitable arrangement as per approval ofEngineer-in- charge, (for payment purpose only weightof stainless steel members shall be considered excluding fixing accessories such as nuts, bolts,fasteners etc.), as per direction of Engineer-in-Charge with in all leads and lifts and other incidentals.	275.28			Per Killogram	

Providing and laying tactile tile (for vision impaired persons as per standards) of size 300x300x8mm(Three hundred millimeter XThree hundred millimeter XNine point eight millimeter)having with water absorption less than 0.5% (Zero point five percent)and conforming to IS: 15622 of approved make in all colours and shades on for outdoor floors such as footpath, court yard, multi models location etc., lai on 22mm thick base of cement mortar 1:4 (one cement four coarse sand) in all shapes & patterns including grouting the joints with cement mixed with matching pigments etc. complete as per direction of Engineer-in- Charge with in all leads and lifts and other incidentals.	13.86				Per Square Meter	
Providing and fixing in wall lining medium density fibre board IS. 14587.1998 marked, Pre- laminated one side decorative lamination and other side balancing lamination, with necessary fixing arrangement and screws etc. complete.	7.56				Per Square Meter	
Total Amount						


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog.

SCHEDULE OF QUANTITY

Estimated Cost Rs. 173811
Earnest Money 3500
Time:- One month

Name of work:- R/R Damages on Sakrol Nallah to Pathron road Km. 0/00 to 1/00 (SH:-C/O unlined unlined drain maintenance of earthen shoulders, maintenance of berm & removal of slips at various RD's) *D.C. Dey*

Sr. No.	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount
			In Figure	In Words		
1	Construction of unlined surface drains of average cross-sectional area 0.20 Sqm. In ordinary rock to specified lines, grades, levels and dimensions as per approved design and technical specification clause 307. within all leads and lifts and other incidentals as per direction of Engineer-in Charge.	975.00			Per Running Metre	
2	Making up loss of material/irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC upto any as per technical specification clause 1903 within all leads and lifts and other incidentals as per direction of Engineer-in Charge.	832.50			Per Square Metre	
3	Stripping excess soil from the shoulder surface to achieve the approved level and compacting with plate compactor at OMC as per drawing and technical specification clause 1903. within all leads and lifts and other incidentals as per direction of Engineer-in Charge.	832.50			Per Square Metre	
4	Removal of land slide silt clearance:- Removal of land slides in hilly area in ordinary rock not requiring blasting by mechanically means including cutting and trimming of slopes and disposal of cut material with in all leads and lifts, stacking the serviceable material and disposal of unserviceable material as per technical specification clause 302.3.5 and 1611 within all leads and lifts and other incidentals as per direction of Engineer-in Charge.	745.53			Per Cubic Metre	

[Signature]
Executive Engineer,
Karsog Division,
HPPWD, Karsog

SCHEDULE OF QUANTITY

Name of Work:- R/R Damages on Khaneol to Sidh Chowsl road Km 0/00 to 7/00 (SH:- C/O R/Wall at RD 3/930 to 3/940).

Estimated Cost
Earnest Money
Time

297258
5950
One month

Sr.No.	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount.
			In Figure	In words		
1	Earth work in excavation for structure as per drawing and technical specification clause 305.1 including setting out construction for shoring and bracing removal of stamps and other deleterious materials and disposal up to a lead of 50 mtrs dressing of side and bottom and back filling in trenches with excavated suitable materials ordinary soil upto 3mtrs depth as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	18.70			Per Cubic Meter	
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 Nominal mix 1:6:12. (one cement: six sand: twelve graded stone aggregate 40mm (forty millimeter) nominal size as per direction of engineer in charge including carriage of materials within all lead and lifts and other incidentals As per direction of Engineer-in- Charge including carriage of materials within all leads and lifts and other incidentals.	2.70			Per Cubic meter	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:4:8 (one Cement : four coarse sand : eight graded stone aggregate 40 mm (forty millimetre) nominal size as per direction of Engineer-in- Charge including carriage of materials within all leads and lifts and other incidentals.	2.12			Per Cubic Meter	
4	Stone masonry in cement mortar for sub structure complete as per drawing and technical specification clause 702,704,1202 and 1204 in cement mortar 1:6 (one cement : six sand) R/R masonry with in all lead and lifts and other incidentals as per direction of Engineer-in- Charge including carriage of materials within all leads and lifts and other incidentals.	24.44			Per Cubic meter	
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 clauses 704 704.6& 1302.5 within all leads and lifts and other incidentals	35.20			Per Cubic Meter	
6	Back filling behind abutment wing wall and retaining wall complete as per drawing & technical specification clause 1204.3, 8 as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	9.00			Per Cubic Meter	
	Total :-					

Executive Engineer,
Karsog Division,
HPPWD, Karsog.

SCHEDULE OF QUANTITY

Name of Work:-C/O Old Rakni to Pangna road Km 0/00 to 2/450 (SH:- C/O 900 mm dia RCC Hume Pipe culvert & wing wall at RD 1/290).

Estimated Cost 253952
Earnest Money 5100
Time Three Months

Sr.No.	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount.
			in Figure	in words		
1	Earth work in excavation by mechanical means(Hydraulic) manual means in foundation trenches or drains(not exceeding 1.5 m in width or 10 Sqm on plan,including getting dressing of sides and ramming of bottoms,any lift including getting out the excavated soil and disposal of surplus excavated soil as directed upto any lead as per direction of engineer in charge with in all lead and lifts and other incidentals.	52.79			Per Cubic Meter	
2	Providing and laying concrete for pain/reinforced concrete 1:5:10 (one cement : five sand : ten graded stone aggregate) in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	33.53			Per Cubic Meter	
3	Providing and laying reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in double row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets as per clause 1106as per direction of Engineer-in-Charge with in all leads and lifts and other incidentals.	7.50			Running Metre	
4	Providing and Laying filter media with granular crushed aggregate as per specification to a thickness of not less than 600mm(six hundred millimeter) with smaller size towards the soil and bigger size towards the wall and providing over the entire surface behind abutment, wing wall, return wall to the full height, compacted to firm condition complete as per drawing and technical specifications clause 1204.3.8 or as per direction of engineer in charge including carriage of materials with in all lead and lifts and other incidentals.	4.74			Per Cubic Meter	
5	Providing weepholes in bricks masonry/stone masonry plain /reinforced concrete abutment wing wall,return wall with 100mm dia PVC pipe extending through the full with the structure with slope of 1(V): 20(H) towards drawing face complete as per drawing and technical specification clause 614,709,1204.3.7 As per direction of Engineer-in- Charge including carriage of materials within all leads and lifts and other incidentals.	12.00			Each	
Total :-						

Executive Engineer,
Karsog Division,
HPWD, Karsog.

DNIT (Schedule of Quantity)

NAME OF WORK :- Preparation of Forest Diversion Case under Forest Conservation Act, 1980 for the Construction of Kheelkufri to Mahunag road
(SH: - Construction of Kheelkufri to Mahunag 0/0 to 12/0 and Preparation of Digital Map of Kheelkufri to Mahunag 0/0 to 12 /0 and Shil to Navidhar via Pokhi
0/00 to 13/00 and Kotlu to Pokhi 0/00 to 17/00)

S.No.	Description of Item	Quantity	Unit	Rate		Amount
				In figure	In word	
1	Preparation of Forest Diversion case under Forest Conservation Act, 1980 including preparation of revenue papers of land falling on the road alignment and collection of the other field data. All relevant documents/ formats mandatory required would be attached with the case as per latest requirement of Ministry of Environment and Forest conservation Govt. of India after getting the joint inspection/site including computer typing in six copies, binding complete and getting it through from HPPWD, concern Sub - Division, HPPWD Division Karsog , Office of concern Range Officer, concern Office of Divisional Forest Officer. Including attending all the observation, if raised, at any time by any above mentioned office and to prepare the same by neatly and accurately filling in all the formats/ Documents complete in all respect as per direction and complete satisfaction of HPPWD and Forest Department.	12.00	Per Km.			
2	Preparation of plan with GPS Coordinates 250 mtr. Interval with collecting data from site including preparation of KML files and PDF files of Maps.	42.00	Per Km.			
					Total	

Executive Engineer
Karsog Division
HPPWD Karsog

Schedule of Quantity

Estimated Cost Rs.	348000
Earnest Money	7000
Time:-	One Month

Name of work:-C/O Mandpa Gali (Kelodhar) to Shoja via Samsothi, Richhani, Jatho, Kamehri road 0/0 to 12/00 in District of Mandi (H.P.) (SH:- Preparation of Detailed Project Report.) NABARD

Sr. No.	Sub-Head and items of works.	Qty.	In Words		Unit.	Amount
			In Fig			
1	Preparation of Detailed Project Report which includes following provision as mentioned below :- i) Topography survey by digital total station with two second accuracy showing all features on survey plan like trees, culverts, bridges, electric poles, telephone poles, hand pumps, school, Habitant's villages etc. ii) Draw cross-sections at 15m intervals, L-sections and calculate the quantity of earthwork in standard format of autocad showing all layers of pavement components as applicable. iii) Preparation of survey plan showing all details as per MORD guidelines and specifications. If any correction/amendment will be desired by the office the same may be corrected as desired and directed by the Engineer-In-Charge complete in all respect. After approval of the same from the head office the same should be submitted in four fair copies and soft copy as per the requirement of this office and upto entire satisfaction of Engineer-In-Charge including all type of incidental charges.	12.00			Per Kilometer	
2	CBR test including gain size analysis, atterbergs limit, proctor compaction and CBR value upto the entire satisfaction of Engineer-In-Charge including all type of incidental charges.	24.00			Sample	
	Total:-					


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

SCHEDULE OF QUANTITY

Name of Work:-C/O Malog to Chekhwa road Km. 0/00 to 2/00 (SH:- C/O 900 mm dia RCC Hume Pipe culvert & wing wall at RD 1/925).

Estimated Cost
Earnest Money

Time
One month

257791
5200

Sr.No.	Sub-Head and Items of works.	Qty.	Rate		Unit.	Amount.
			In Figure	In words		
1	Earth work in excavation for structure as per drawing and technical specification clause 305.1 including setting out construction for shoring and bracing removal of stamps and other deleterious materials and desposal up to a lead of 50 mtrs dressing of side and bottom and back filling in trenches with excavated suitable materials ordinary soil upto 3mtrs depth as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	48.56			Per Cubic Meter	
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 Noimial mix 1:6:12. (one cement: six sand: twelve graded stone aggregate 40mm (forty millimeter) nominal size as per direction of engineer in charge including carriage of materials with in all lead and lifts and other incidentals As per direction of Engineer-in- Charge including carriage of materials within all leads and lifts and other incidentals.	2.02			Per Cubic meter	
3	Providing and laying concrete for pain/reinforced concrete 1:5:10 (one cement : five sand : ten graded stone aggregate) in open foundations complete as per drawing and technical specification clauses 802,803, 1202 and 1203 as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	32.41			Per Cubic Meter	
4	Providing and laying reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in double row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets as per clause 1106as per direction of Engineer-in-Charge with in all leads and lifts and other incidentals.	7.50			Running Metre	
5	Back filling behind abutment wing wall and retaining wall complete as per drawing & technical specification clause 1204.3.8 as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	5.70			Per Cubic Meter	
6	Providing weepholes in bricks masonry/stone masonry plain /reinforced concrete abutment wing wall,return wall with 100mm dia PVC pipe extending through the full with the structure with slope of 1(V): 20(H) towards drawing face complete as per drawing and technical specification clause 614,709,1204.3.7 As per direction of Engineer-in- Charge including carriage of materials within all leads and lifts and other incidentals.	12.00			Each	
	Total :-					

Executive-Engineer,
Karsog Division,
HPWD, Karsog.

SCHEDULE OF QUANTITY

Name of Work:-C/O Malog to Chekhwa road Km. 0/00 to 2/00 (SH:- C/O 900 mm dia RCC Hume Pipe culvert & wing wall at RD 1/865).

Estimated Cost
Earnest Money
Time

261779
5250
One month

Sr.No.	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount.
			In Figure	In words		
1	Earth work in excavation for structure as per drawing and technical specification clause 305.1 including setting out construction for shoring and bracing removal of stamps and other deleterious materials and desposal up to a lead of 50 mtrs dressing of side and bottom and back filling in trenches with excavated suitable materials ordinary soil upto 3mtrs depth as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	48.56			Per Cubic Meter	
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 Nominal mix 1:6:12. (one cement: six sand: twelve graded stone aggregate 40mm (forty millimeter) nominal size as per direction of engineer in charge including carriage of materials within in all lead and lifts and other incidentals As per direction of Engineer-in- Charge including carriage of materials within all leads and lifts and other incidentals.	2.02			Per Cubic meter	
3	Providing and laying concrete for pain/reinforced concrete 1:5:10 (one cement : five sand : ten graded stone aggregate) in open foundations complete as per drawing and technical specification clauses 802.803.1202 and 1203 as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	33.17			Per Cubic Meter	
4	Providing and laying reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in double row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets as per clause 1106as per direction of Engineer-in-Charge with in all leads and lifts and other incidentals.	7.50			Running Metre	
5	Back filling behind abutment wing wall and retaining wall complete as per drawing & technical specification clause 1204.3.8 as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	5.70			Per Cubic Meter	
6	Providing weepholes in bricks masonry/stone masonry plain /reinforced concrete abutment wing wall,return wall with 100mm dia PVC pipe extending through the full with the structure with slope of 1(V): 20(H) towards drawing face complete as per drawing and technical specification clause 614.709.1204.3.7 As per direction of Engineer-in- Charge including carriage of materials within all leads and lifts and other incidentals.	12.00			Each	
	Total :-					


Executive Engineer,
Karsog Division,
HPPWD, Karsog.

SCHEDULE OF QUANTITY

Estimated Cost
Earnest Money
Time

209788.00
4200
Two Months

Name of Work:- Construction of Health Sub -Centre building at Banthal Tehsil Karsog Dist.Mandi(H.P) (SH:- C/O boundary wall).

Sr.No	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount.
			in Figure	in words		
1	Brick work using common burnt clay F.P.S (non modular) bricks of class designation 7.5 (Seven point five) in Superstructure above plinth level upto floor any level in all shapes and sizes in Cement mortar 1:4 (1 Cement : 4 Sand) as per direction of engineer in charge with in all lead and lifts and other incidentals.	1.83			Per Cubic Meter	
2	Half bricks masonry with common burnt clay F.P.S(non modular) bricks of class designation 7.5 (Seven point five)in foundation and plinth n Cement mortar 1:4 (1 Cement : 4 Sand) as per direction of engineer in charge with in all lead and lifts and other incidentals.	60.00			Per Square Meter	
3	15(Fifteen millimeter) cement plaster on the rough side of single or half brick wall of mix in Cement mortar 1:4 (1 Cement : 4 Sand) as per direction of engineer in charge with in all lead and lifts and other incidentals.	151.74			Per Square Meter	
4	Steel work welded in built up sections, trusses and framed work, including cutting hoisting, fixing in positions and applying a priming coat of red lead paint.as per direction of engineer in charge with in all lead and lifts and other incidentals.	606.63			Per Killogram	
5	Applying on coat of water thinnable cement primer of approved brand and manufacture on wall surface Water thinnable cement primer as per direction of engineer in charge with in all lead and lifts and other incidentals.	151.74			Per Square Meter	
6	Finishing walls with water proofing cement paint of required shade. New work (Two or more coats applied @ 3.84kg/10sqm)(Three point eight Killogram per ten squar meter as per direction of engineer in charge with in all lead and lifts and other incidentals.	151.74			Per Square Meter	
Total :-						

Executive Engineer,
Karsog Division,
HPPWD, Karsog.