



**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/2021-22-

8209

Dated:-

30/9/2022

To


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

Subject :-

Regarding publication of the tender on departmental site.

Enclosed please find herewith the copies of Notice Inviting Tender for the up loading on department web-site before 22-09-2022 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.

Encls:- As above.


Executive Engineer,
B&R Division,
HP PWD Karsog



**OFFICE OF THE EXECUTIVE ENGINEER,
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Notice inviting tender

Sealed items rates tender on form 6 & 8 are hereby invited by the Executive Engineer HP,PWD, 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 **15-10-2022 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 had from this office against cash payment (Non refundable) **upto 4.00 PM on 13-10-2022** for which the application should reach in this office **upto 1:00 PM 13-10-2022**.

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 along with 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	Cost of Tender	Time allowed
1	Construction of Bhaironallah to village Shawadu road Km. 0/000 to 2/000 (SH: F/C 3/5Mtrs. Wide road in Km. 0/240 to 0/615) DC Deposit VKV/2022/1405).	2,49,848/-	5,000/-	350/-	One month
2	Construction of link road from Khanoul Bagra Khadpa to Dhawad Mandir via Kerta Km. 0/000 to 2/000 (SH: F/C 5/7 mtr. Wide road in Km. 0/000 to 0/180). DC Deposit.	4,03,837/-	8,100/-	350/-	One month
3	Construction of Tractor road from Belley Chuda to Bely Km. 0/00 to 1/300 (SH: F/C 3/5mtrs. Wide road in Km. 0/120 to 0/315). DC Deposit.	1,22,876/-	2,500/-	350/-	One month
4	R/R damages on various road under Karsog Sub Division (SH: C/O removal of slips at various RD's).	2,49,937/-	5,000/-	350/-	One month
5	R/R damages on Kao to Kanda road Km. 0/000 to 5/000 (SH: Removal of slips at various RD's).	4,82,671/-	9,700/-	350/-	One month
6	R/R damages on Gagaoun Nallah Mamel road Km. 0/000 to 3/510 (SH: C/O unlined drain maintenance of berm & removal of slips in Km. 0/000 to 3/510).	2,51,125/-	5,100/-	350/-	One month
7	R/R damages on Shimla Mandi road via Tatapani Km. 25/250 to 115/000 (SH: C/O R/wall at RD 85/575 to 85/590).	3,61,416/-	7,300/-	350/-	One month
8	R/R damages on Karsog to Kanda road Km. 0/000 to 5/000 (SH: C/O B/wall at RD 3/315 to 3/337).	4,65,439/-	9,400/-	350/-	One month
9	R/R damages on Sainj Sainjli via Gannu road Km. 0/000 to 5/500 (SH: C/O Unlined drain maintenance of earthen shouldered, maintenance of berm & removal of slips at various RD's).	3,00,449/-	6,500/-	350/-	One month
10	Construction of Gadatha to Bakhedi road Km. 0/000 to 3/000 (SH: Widening of road in Km. 0/300 to 0/600).	4,91,938/-	9,900/-	350/-	One month
11	Construction of Batalabahli to Johal Nallah via Kadehal road Km. 0/000 to 2/000 (SH: Widening of	1,25,844/-	2,600/-	350/-	One month

	road in Km. 0/000 to 0/150). Deposit Work.				
12	Repair of Panipather ot Ropri via Bagghin Km. 0/000 to 6/000 (SH: Widening of road in Km. 0/030 to 0/495). DC Deposit.	4,44,201/-	8,900/-	350/-	One month
13	Construction of Play Ground at Govt. Sr. Sec. School Somakothi Tehsil Karsog Distt. HP (SH: C/O R/wall at RD 0/000 to 0/010 & site development of pay ground) DC Deposit.	3,86,831/-	8,600/-	350/-	Two Months
14	A/R & M/O on Kelodhar Sainj road Km. 0/000 to 19/000 (SH: P/L G-III & repair of Pot Holes in Km. 0/000 to 4/000).	4,91,703/-	9,900/-	350/-	Two Months
15	R/R damages on Kot to Chindi via Jaban road Km. 0/000 to 2/870 & Chindi to Dachhain road Km. 0/000 to 8/435 (SH: C/O unlined drain & removal of slips at various RD's).	4,79,227/-	9,600/-	350/-	One Month
16	R/R damages on Karsog Palog road Km. 0/000 to 19/000 (SH: C/O R/wall at RD 2/090 to 2/120).	3,50,000/-	7,000/-	350/-	One Month
17	R/R damages on various road under Karsog Sub-Division (SH: Removal of slips at various RD's). Sanarli Section.	1,52,695/-	3,000/-	350/-	One Month
18	C/O Kot to Chindi via Jaban road Km. 0/000 to 2/915 (SH: Widening of road in Km. 2/345 to 2/450).	4,00,844/-	8,200/-	350/-	One Month
19	C/O Kot to Chindi via Jaban road Km. 0/000 to 2/915 (SH: Widening of road in Km. 1/540 to 1/725).	4,22,458	8,500/-	350/-	One Month
20	Repair of Rikki to Bahan Gadhiman road Km. 0/000 to 5/000 (SH: C/O unlined drain maintenance of berm & removal of slips in Km. 0/000 to 5/000) SDP2021/349.	4,79,957/-	9,600/-	One month	350/-
21	R/R damages on Shimla Mandi road via Tattapani Km. 55/500 to 61/000 (SH: C/O wire crate B/Wall at RD 58/015 to 58/025).	1,92,453/-	3,900/-	Two months	350/-
22	Repair of Seri Khad to Syanjli road Km. 0/000 to 4/000 (SH: C/O unlined surface drain and maintenance of earthen shoulders and & removal of slips at various RD's in Km. 0/000 to 4/000) SDF/2022/587.	1,50,450/-	3,100/-	Two months	350/-
23	Repair and maintenance of Rangan Hand Pump to Kutaldhar road in G.P Sawan Mahunag in Tehsil Karsog Distt. Mandi (SH: ROFD & P/L Kharanja stone soling in Km. 0/000 to 0/300). SDF/2022/371.	3,59,420/-	7,200/-	Two months	350/-
24	Construction of Tawa to Bunsai ch road Km. 0/000 to 3/000 (SH: F/C 5/7 mtrs. Wide road in Km. 0/150 to 0/350). Deposit work.	4,92,946/-	9,900/-	One Month	350/-
25	Construction of Tawa to Bunsai ch road Km. 0/000 to 3/000 (SH: F/C 5/7 mtrs. Wide road in Km. 0/360 to 0/585). Deposit work.	4,05,247/-	8,200/-	One Month	350/-
26	R/R damages on Bhanthal Punni road km. 0/000 to 4/000m(SH: C/O R/wall at RD 0/130 to 0/145).	2,68,685/-	5,400/-	One Month	350/-
27	R/R damages on Shimla Mandi road Km. 52/250 to 115/000 (SH: C/O of R/wall at RD 83/120 to 83/135).	4,70,162/-	9,500/-	One Month	350/-
28	Repair of Rikki to Bahan Gadhiman road Km. 0/000 to 5/000 (SH: Widening of road in Km. 2/105 to 2/510).	4,49,773/-	9,000/-	One Month	350/-

TERMS & CONDITIONS:-

1. No tender form will be issued to those contractors who are not registered under HPGST Act.
2. No tender form will be issued to those contractors who are not registered under EPF Act
3. The tender forms will not be issued to those contractors whose performance is not found satisfactory.
4. The earnest money for the above work should be attached with the application.
5. The intending contractors/firms shall have to produce the copy of latest enlistment and renewal enlisted in HP,PWD.
6. The work done performance certificate issued by the concerned Executive Engineer required to be produced by the contractor along with application and the tender form will be issued only those contractors who have similar work done.
7. As per Govt. Notification PW/CTR/32-20Genl Inst-CPWD/2020-19111-210 dated 25-10-2021 the tenders above 5% and below 30% of the estimated cost will be summarily rejected.


Executive Engineer
B&R Division
HPPWD Karsog Distt Mandi (H.P)


Schedule of Quantity

Estimated Cost Rs.	249848
Earnest Money	5000
Time:-	One month

Name of work:- Construction of Bhaironalla to Village Shawadu road km. 0/00 to 2/00 (SH:-F/C 3/5 Mtr. Wide in Km. 0/240 to 0/615) D.C. Deposit (VKV/2022/1405)

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 153.69 cubic metre @ Rs. 300/- per cubic metre amounting to Rs. 46108 /- 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.	1097.80			Per Cubic Metre	
Total:-						


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

Schedule of Quantity

(2)

Estimated Cost Rs.	403837
Earnest Money	8100
Time:-	One month

Name of work:- Construction of link road from Khanoul Bagra Khadpa to Dhawal Mandir via Kerata Km. 0/00 to 2/00(SH:-F/C 5/7 Mtr. Wide in Km.0/00 to 0/180) D.C. Deposit

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 283.16 cubic metre @ Rs. 300/- per cubic metre amounting to Rs. 84948 /- 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.	1635.30			Per Cubic Metre	
Total:-						


Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

Schedule of Quantity

(3)

Estimated Cost Rs.	122876
Earnest Money	2500
Time:-	One month

Name of work:- Construction of Tractor road from Belley Chuda to Belly Km. 0/00 to 1/300 (SH:-F/C 3/5 Mtrs. Wide road in Km. 0/120 to 0/315) D.C.

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, bindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge for smooth riding. The recovery of 75.59 cubic metre @ Rs. 300/- per cubic metre amounting to Rs. 22676/- 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.	539.90			Per Cubic Metre	
Total:-						


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

Schedule of Quantity

Estimated Cost Rs.	249937
Earnest Money	5000
Time:-	One month

Name of Work:- R/R damages on various road under Karsog Sub Division (SH:- Removal of slips at various RD's)

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 mechanical 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.	1977.35			Per Cubic Metre	


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

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Schedule of Quantity

Estimated Cost Rs.	482671
Earnest Money	9700
Time:-	One month

Name of Work:- R/R damages on Kao to Kanda road Km. 0/00 to 5/00 (SH:- Removal of slips at various RD's)

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 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.	3818.60			Per Cubic Metre	


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

Schedule of Quantity

Name of Work:- R/R Damages on Gagaun Nalla Mamail Road Km 0/00 to 3/510 (SH:- C/O unlined drain maintenance of berm & removal of slips in Km. 0/00 to 3/510)

Estimated Cost Rs.	251125
Earnest Money	5100
Time:-	One month

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.	1245.00			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.	3690.00			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.	1109.88			Per Cubic Metre	


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

Schedule of Quantity

Estimated Cost Rs.	361416
Earnest Money	7300
Time:-	One Month

Name of Work :- R/R Damages on Shimla Mandi road via Tattapani Km. 52/250 to 115/00 (Sub Head:- C/O R/wall at RD 85/575 to 85/590)

Sr. No.	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount
			In Fig	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 Metre dressing of side and bottom and backfilling in trenches with excavated suitable materials. As per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	35.25			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 or as per direction of engineer in charge including carriage of materials with in all leads, lifts and other incidentals. (1:6:12)	4.93			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 nominal mix 1:4: 8. 40mm (forty milimetre) nominal size or as per direction of engineer in charge including carriage of materials with in all leads, lifts and other incidentals. or as per direction of engineer in charge including carriage of materials with in all leads, lifts and other incidentals.	4.01			Per Cubic Metre	
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 (1cement :6sand) coursed rubber masonry with in all lead and lifts and other incidentals	27.57			Per Cubic Metre	
5	Construction of dry Rubble masonry for retaining walls, breast walls, revetment walls and parapets etc. for sub-structure and super structure complete as per drawing and technical specification clauses 704 704.6& 1302.5 within all leads and lifts and other incidentals	45.66			Per Cubic Metre	
6	Back filling behind abutment wing wall, retaining wall , Breast Wall & Return Wall complete as per drawing & technical clause 1204.3.8 Granular materials. or as per direction of engineer in charge including carriage of materials with in all leads, lifts and other incidentals.	16.50			Per Cubic Metre	
	Total:-					


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

Schedule of Quantity

Estimated Cost Rs.	465439
Earnest Money	9400
Time:-	One Month

(8)

Name of Work:-R/R Damages on Karsog to Kanda road km. 0/00 to 5/00 (SH:- C/O B/Wall at RD 3/315 to 3/337)
Sub-Head and items of works.

Sr. No.		Qty.	Rate		Unit.	Amount
			In Fig	In Words		
1	Earth work in excavation by mechanical means(hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10sqm on plan), including dressing of sides and rammingof bottoms, upto any lift, including getting out theexcavated soil and disposal of surplus excavated soil as directed, within any lead or as per direction of engineer in charge including carriage of materials with in all leads, lifts and other incidentals.	46.86			Per Cubic Metre	
2	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 Metre dressing of side and bottom and backfilling in trenches with excavated suitable materials As per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	8.58			Per Cubic Metre	
3	Providing and laying concrete for pain/reinforced concert in open foundations complete as per drawing and technical specification clauses 802.803.1202 and 1203 nominal mix 1:5:10 (one cement : five sand : ten graded stone aggregate) of 40mm and down gauge size. As per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	99.92			Per Cubic Metre	
4	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 or as per direction of engineer in charge including carriage of materials with in all leads, lifts and other incidentals.	30.00			Each	
	Total:-					


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

Schedule of Quantity

Estimated Cost Rs.	300449
Earnest Money	6500.00
Time:-	One month

Name of work:- Construction of Sainj Sainji via Gannu road Km 0/00 to 5/500 (SH:-C/O Unlined Drain maintenance of earthen shouldered, Maintenance of brem & removal of slips at various RD's)

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.	3450.00			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.	5701.00			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.	765.00			Per cubic Metter	


Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

Schedule of Quantity

Estimated Cost Rs.	491938
Earnest Money	9900
Time:-	One month

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Name of work:- Construction of Gadatha to Bahedi road Km. 0/00 to 3/00(SH:-Widening of road in Km. 0/300 to 0/600)

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 399.30 cubic metre @ Rs. 300/- per cubic metre amounting to Rs. 119790/- 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.	1815.00			Per Cubic Metre	
	Total:-					


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

Schedule of Quantity

Estimated Cost Rs.	125844
Earnest Money	2500
Time:-	One month

⑪

Name of work:- Construction of Batalabahi to Johal Nalla via Kadahal road Km. 0/00 to 2/00 (SH:-Widening of road in Km. 0/00 to 0/150) D.C. Dohari

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, blinding and finishing of the road to specified dimensions or as directed by the Engineer-in-charge for smooth riding. The recovery of 77.41 cubic metre @ Rs. 300/- per cubic metre amounting to Rs. 23224/- 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.	552.94			Per Cubic Metre	
Total:-						


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

Schedule of Quantity

Estimated Cost Rs.	444201
Earnest Money	8900
Time:-	One month

(19)

Name of work:- Repair of Panipath to Ropri via Baghin Km. 0/00 to 6/00(SH.- Widening of road in Km. 0/030 to 0/495) *D.C. Deforval*

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 273.25 cubic metre @ Rs. 300/- per cubic metre amounting to Rs. 81975/- 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.	1951.76			Per Cubic Metre	
	Total:-					

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

Schedule of Quantity

Estimated Cost Rs.	386210
Earnest Money	7800
Time:-	One Month

Name of Work :- C/O Play ground at Govt. Sr. Sec. School Somakothi Tehsil Karsog (SH:- C/O R/Wall at RD 0/00 to 0/010 & site development of play ground) D.C. Deposit

Sr. No.	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount
			In Fig	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 107.00 cubic metre @ Rs. 300/- per cubic metre amounting to Rs. 32100/- only, shall be done on pro-rata 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.	764.26			Per Cubic Metre	
2	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 Metre dressing of side and bottom and backfilling in trenches with excavated suitable materials. As per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	14.00			Per Cubic Metre	
3	Providing and laying concrete for pain/reinforced concert in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 nominal mix 1:5:10 (one cement : five sand : ten graded stone aggregate) of 40mm and down gauge size. As per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals	40.97			Per Cubic Metre	
4	Back filling behind abutment wing wall, retaining wall , Breast Wall & Return Wall complete as per drawing & technical clause 1204.3,8 Granular materials, or as per direction of engineer in charge including carriage of materials with in all leads, lifts and other incidentals.	10.40			Per Cubic Metre	

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 or as per direction of engineer in charge including carriage of materials with in all leads, lifts and other incidentals.	15.00				Each	
	Total:-						


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

Schedule of Quantity

(14)

Estimated Cost Rs.	491703
Earnest Money	9900
Time:-	One Month

Name of work:-A/R & M/O Kelodhar Sainj road Km. 0/00 to 19/00 (SH:- P/L G-III and Repair to Pot holes in Km. 0/00 to 4/00)

Sr. No.	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount
			In Fig	In Words		
1	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bond macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80/100 KN in stages to proper grade and camber, applying and brooming, stone screening to fill up the interstices of course aggregate, watering and compacting to the required density grading-III as per technical specification clause 405 by manual means. or as per direction of engineer in charge including carriage of materials with in all leads, lifts and other incidentals.	42.99			Per Cubic Meter	
2	Repair of pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat with bitumen emulsion 20mm (twenty millimetre) thick premix carpet using colonicbitumen emulsion as per technical specification. as per direction of Engineer-in-Charge within all leads, lifts and other incidentals.	1124.82			Per Square Meter	
Total:-						


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

Schedule of Quantity

Estimated Cost Rs.	475810
Earnest Money	9600
Time:-	One month

Name of Work:-R/R damages on Kot to Chindi via Jaban road Km. 0/00 to 2/870 & Chindi to Dachhain road Km. 0/00 to 8/435 (SH:- C/O unlined drain and removal of slips at varous RDs)

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.	3255.00			Per Running Metre	
2	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 slips 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.	3215.81			Per Cubic Metre	


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

Schedule of Quantity

Estimated Cost Rs.	349485
Earnest Money	7000
Time:-	One Month

(16)

Name of Work :- R/R Damages on Karsog Parlog road km. 0/00 to 19/00 (Sub Head:- C/O R/wall at RD. 2/090 to 2/110)

Sr. No.	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount
			In Fig	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 Metre dressing of side and bottom and backfilling in trenches with excavated suitable materials. As per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	23.40			Per Cubic Meter	
2	Providing and laying concrete for plain/reinforced concert in open foundations complete as per drawing and technical specification clauses 802.803.1202 and 1203 nominal mix 1:5:10 (one cement : five sand : ten graded stone aggregate) of 40mm and down gauge size. As per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	76.34			Per Cubic Meter	
3	Back filling behind abutment wing wall, retaining wall , Breast Wall & Return Wall complete as per drawing & technical clause 1204.3.8 Granular materials. or as per direction of engineer in charge including carriage of materials with in all leads, lifts and other incidentals	15.20			Per Cubic Metre	
4	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 or as per direction of engineer in charge including carriage of materials with in all leads, lifts and other incidentals.	15.00			Each	
Total:-						


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

Schedule of Quantity

Estimated Cost Rs.	152695
Earnest Money	4000
Time:-	One month

(7)

Name of Work:- R/R damages on various road under Karsog Sub Division (SH:- Removal of slips at various RD's)

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 mechanical 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.	1208.03			Per Cubic Metre	


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

Schedule of Quantity

Estimated Cost Rs.	464515
Earnest Money	9300
Time:-	One month

Name of work:- Construction of Kot to Chindi via Jaban road km. 0/00 to 2/915 (SH:- Widening of road in Km. 2/345 to 2/450)

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 chiselling 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, blinding and finishing of the road to specified dimensions or as directed by the Engineer-in charge for smooth riding. The recovery of 212.27 cubic metre @ Rs. 300/- per cubic metre amounting to Rs. 63682/- 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.	1516.24			Per Cubic Metre	
	Total:-					


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

Schedule of Quantity

Estimated Cost Rs.	326469
Earnest Money	6600
Time:-	One month

(19)

Name of work:- Consterncton of Kot to Chindi via Jaban road km. 0/00 to 2/915 (SH:- Widening of road in Km.1/735 to 1/870)

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 149.19 cubic metre @ Rs. 300/- per cubic metre amounting to Rs. 44757/- 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.	1065.64			Per Cubic Metre	
Total:-						


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

Schedule of Quantity

Estimated Cost Rs.	479957
Earnest Money	9600
Time:-	One month

Name of Work:- Repair of Rikki to Bahan Gadhi man road Km. 0/00 to 5/00 (SH:- C/O unlined drain maintenance of berm & removal of slips in Km. 0/00 to 5/00) SDP/2021/349

Sr. No.	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount
			In Figure	In Words		
1	Cosntruction of unlined surface drains of average cross-sectional area 0.20 Sqm. In qordinary 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.	2940.00			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.	6196.50			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 slops 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.	2181.53			Per Cubic Metre	


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

SCHEDULE OF QUANTITY

Estimated Cost Rs.	192453
Earnest Money	3900
Time:-	Two Months

Name of work:- R/R Damages on Shimla Mandi road via Tattapani Km. 55/500 to 61/00 (SH:- C/O Wire crate B/Wall at RD 58/015 to 58/025)

Sr. No.	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount
			In Fig	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 Metre dressing of side and bottom and backfilling in trenches with excavated suitable materials. As per direction of Engineer-in Charge including carriage of material within all leads and lifts and other incidentals .	22.851			Per Cubic Metre	
2	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS:280 and IS:4826 in 100 mm x 100 mm (one hundred into one hundred millimetre) mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg (Twenty five kilogram) Each as per drawing and technical specification Clause 1301 within all leads and lifts	57.60			Per Cubic Metre	
Total:-						


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

Schedule of Quantity

Estimated Cost Rs.	150450
Earnest Money	3050
Time:-	Two Months

(29)

Name of Work:- Repair of road Seri Khad to Syanjli road Km. 0/00 to 4/00 (SH:- C/O unlined surface drain and maintenance of earthen shoulders and removal of slips at various RD's in Km. 0/00 to 4/00) SDF/2022/587

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.	1245.00			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.	3126.00			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.	415.36			Per Cubic Metre	


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

SCHEDULE OF QUANTITY

Estimated Cost Rs.	359420
Earnest Money	7200
Time:-	Two Months

Name of work:- Repair and Maintenance of Rangan Hand Pump to Kutalhar road in G.P. Sawan Mahun in Tehsil Karsog Distt. Mandi (SH:- ROFD & P/L stone soling in Km. 0/00 to 0/300) SDF 2022/371

Sr. No.	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount
			In Fig	In Words		
1	Excavation in soil in hilly area by mechanical mean including cutting and trimming of side slope and disposing of excavated earth with all lift upto any mtrs and any lead upto any mtrs as per technical specification clause 1603.1 or as per direction of engineer in charge including carriage of materials with in all leads, lifts and other incidentals, or as per direction of engineer in charge including carriage of materials with in all leads, lifts and other incidentals.	670.65			Per Cubic Meter	
1	Preparation of sub grade by dressing to camber (earth work for cutting involved for sub grade to be paid for separately) depending upon the classification of soil completed as per HPPWD specifications as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	940.50			Per Square Metre	
2	Consolidation of sub grade with road roller including making good the undulations etc. with earth or quarry soil etc. and refilling the sub grade completed as per HPPWD specifications as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	940.50			Per Square Metre	
3	Stone soling properly hand packed filling intorstics with Kharanja stone soling and consolidating with power road roller to be required gradient and camber including, spreading, watering and rolling of biding material, moorm or earth etc. as per HPPWD specifications (finished work including material and labour) as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	141.08			Per Cubic Metre	
Total:-						


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

Schedule of Quantity

Estimated Cost Rs.	492946
Earnest Money	9900
Time:-	One month

24

Name of work:- Construction of Tawa to Busaich Road Km. 0/00 to 3/00 (SH:-F/C 5/7 Mtrs wide in Km. 0/150 to 0/350)

Sub-Head and items of works.

Sr. No.		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 303.23 cubic metre @ Rs. 300/- per cubic metre amounting to Rs. 90970 /- 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.	2165.94			Per Cubic Metre	
	Total:-					


Executive Engineer,
Karsog Division,
HPPWD, Karsog

(25)

Schedule of Quantity

Estimated Cost Rs.	496943
Earnest Money	10000
Time:-	One month

Name of work:- Construction of Tawa to Busaich Road Km. 0/00 to 3/00 (SH:-F/C 5/7 Mtrs wide in Km. 0/360 to 0/585) Depeest work

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, bindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge for smooth riding. The recovery of 305.69cubic metre @ Rs. 300/- per cubic metre amounting to Rs. 91708 /- only, shall be done on pro rata 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.	2183.50			Per Cubic Metre	
Total:-						


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

Schedule of Quantity

Estimated Cost Rs.	268685
Earnest Money	5400
Time:-	One Month

Name of work:- R/R Damages on Bhanthal Punni road Km. 0/00 to 4/00 (SH:- C/O R/Wall at RD 0/130 to 0/145)

Sr. No.	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount
			In Fig.	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 Metre dressing of side and bottom and backfilling in trenches with excavated suitable materials. As per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	30.75			Per Cubic Metre	
2	Providing and laying concrete for pain/reinforced concert in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 nominal mix 1:6:12 as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	4.23			Per Cubic Metre	
3	Providing and laying concrete for pain/reinforced concert in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 nominal mix 1:4:8. As per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	2.64			Per Cubic Metre	
4	Stone masonry in cement mortar for sub structure complete as per drawing and technical specifications clause 702, 704, 1202 1204 & in cement mortar 1:6 (1 cement: 6 sand) R/R masonry within all leads and lifts and other incidentals.	21.78			Per Cubic Metre	
5	Construction of dry bubble 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	31.74			Per Cubic Metre	
6	Back filling behind abutment wing wall, retaining wall , Breast Wall & Return Wall complete as per drawing & technical clause 1204.3.8 Granular materials. As per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	14.70			Per Cubic Metre	
	Total:-					


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

Schedule of Quantity

Estimated Cost Rs.	470162
Earnest Money	9500
Time:-	One Month

Name of work:- **R/R Damages on Shimla Mandi road Km. 52/250 to 115/00 (SH:- C/O R/Wall at RD 83/120 to 83/135)**

Sr. No.	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount
			In Fig.	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 Metre dressing of side and bottom and backfilling in trenches with excavated suitable materials. As per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	66.58			Per Cubic Metre	
2	Providing and laying concrete for pain/reinforced concert in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 nominal mix 1:4:8 as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	15.38			Per Cubic Metre	
3	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 (1cement :6sand) coursed rubber masonry with in all lead and lifts and other incidentals	37.68			Per Cubic Metre	
4	Construction of dry Rubble masonry for retaining walls, breast walls, revetment walls and parapets etc. for sub-structure and super structure complete as per drawing and technical specification clauses 704 704.6& 1302.5 within all leads and lifts and other incidentals	47.66			Per Cubic Metre	
5	Back filling behind abutment wing wall, retaining wall , Breast Wall & Return Wall complete as per drawing & technical clause 1204.3.8 Granular materials. As per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	19.44			Per Cubic Metre	
	Total:-					


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

Schedule of Quantity

Estimated Cost Rs.	449773
Earnest Money	9000
Time:-	One month

Name of work:- Construction of Rikki to Bahan Gadiman road Km. 0/00 to 5/00 (SH:- Widening of road in Km. 2/105 to 2/510)

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, bindage and finishing of the road to specified dimensions or as directed by the Engineer-in-charge for smooth riding. The recovery of 339.29 cubic metre @ Rs. 300/- per cubic metre amounting to Rs. 101787 /- 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.	2423.48			Per Cubic Metre	
Total:-						


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog