



**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-

To

Dated:- 20/5/2023

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 13-04-2023 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.

Encls:- As above.

**Executive Engineer,
B&R Division,
HP PWD Karsog**

Copy to the following for information:-

1. The Superintending Engineer, 1st Circle Mandi, HP PWD Mandi.
2. The Deputy Commissioner Mandi, Distt. Mandi (HP) for wide publicity.
3. The Sub-Division Officer (Civil) Karsog, Tehsil Karsog Distt. Mandi.
4. The Block Development Officer Karsog, Distt. Mandi (HP).
5. All the Executive Engineer under 1st Circle Mandi HPPWD Mandi.
6. All the Assistant Engineer under Karsog Division for wide publicity.
7. Various Contractors working under this division.
8. Accountant/Drawing Branch and Notice board.

**Executive Engineer
B&R Division
HP PWD Karsog**



**OFFICE OF THE EXECUTIVE ENGINEER,
HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT KARSOG**
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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 **09-06-2023 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 07-06-2023** for which the application should reach in this office **upto 1.00 PM 07-06-2023**.

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	R/R damages on Kot to Chindi via Jaban road Km. 0/000 to 2/300 (SH: C/o B/wall at RD 1/740 to 1/760).	4,36,171/-	8,750/-	Two Months	350/-
2	R/R damages on Chindi Dachhain road Km. 0/000 to 8/435 (SH: C/O R/wall at RD 5/510 to 5/523).	3,93,581/-	7,900/-	Two Months	350/-
3	R/R damages on Kotlu Katanda road Km. 0/000 to 19/000 Kotlu Side (SH: C/O R/wall at RD 11/505 to 11/520).	3,65,277/-	7,350/-	Two Months	350/-
4	R/R damages on Bag to Pokhi road Km. 0/000 to 10/000 (SH: C/O R/wall at RD 2/645 to 2/655).	3,39,365/-	6,800/-	Two Months	350/-
5	R/R damages on Kot to Chindi via Jaban road Km. 0/000 to 3/045 (SH: C/o R/wall	4,96,012/-	10,000/-	One Month	350/-

	at RD 1/710 to 1/733).				
6	R/R damages on Kotlu Katanda road Km. 0/000 to 19/000 (SH: C/O R/wall at RD 6/120 to 6/130).	1,79,721/-	3,600/-	One Month	350/-
7	A/R & M/O various road under Kelodhar Section under Karsog Sub-Division (SH: C/O unlined surface drain , making of earthen shoulder and maintenance of berms and removal of slips etc.).	4,93,531/-	9,900/-	One month	350/-
8	R/R damages on Tattapani Khanderi Lamshar road Km. 0/000 to 6/500 (SH: C/O Wire crate B/wall at RD 6/075 to 6/095).	1,60,039/-	3,200/-	Two Months	350/-
9	Construction of link road from Jai to Harizan Basti Bahotadhar Km. 0/000 to 1/680 (SH: F/C 5/7 mtr. Wide road in Km. 0/000 to 0/225). MMGPY 2018-681-83.	2,12,747/-	4,300/-	One Month	350/-
10	R/R damages on Chindi Dachhain road Km. 0/000 to 8/435 (SH: C/O R/wall at RD 5/835 to 5/845).	1,83,404/-	3,700/-	Two Months	350/-
11	Construction of Chithadhartu to Nag Sunani Mandir road Km. 0/000 to 1/500 (SH: C/o 900mm dia RCC Hume Pipe culvert at RD 0/975 & 1/390).	4,33,940/-	8,700/-	Two Months	350/-
12	R/R damages on Naraina Behli to Balna road Km. 0/000 to 3/000 & Kelodhar to Degree College Karsog road Km. 0/000 to 1/500 under Kaersog Sub-Division Kelodhar Section (SH: C/O unlined surface drain , maintenance of earthen shoulder , maintenance of berms and removal of slips at various RD's).	3,40,227/-	6,900/-	One month	350/-
13	R/R damages on Kotlu to Nainj road Km. 0/000 to 5/000 (SH: C/O R/wall at RD 0/315 to 0/323).	1,19,519/-	2,400/-	Two Months	350/-
14	R/R damages on Chindi Dachhain road Km. 0/000 to 8/435 (SH: C/O R/wall at RD 5/675 to 5/695 & 5/698 to 5/705).	4,10,108/-	8,250/-	Two Months	350/-
15	A/R & M/O Kheel Kufri Mahunag road Km. 0/000 to 11/800, Paragali Restadhar road Km. 0/000 to 6/000 , Churag to Chamanpur road Km. 0/000 to 4/000 , Chamanpur to Sihni road Km. 0/000 to 2/000 , Ruhani Manola road Km.0/000 to 10/500 (SH: P/L G-III and repair to Pot Holes in Km. Kheel Kufri Mahunag road	4,99,277/-	10,000/-	Two Months	350/-

	Km. 3/000 to 9/000 , Paragali Restadhar road Km. 0/000 to 6/000 , Churag to Chamanpur road Km. 1/000 to 2/000 & 3/000 to 3/500, Chamanpur Sihni road Km. 0/000 to 2/000 and Ruhani Manola road Km. 0/000 to 3/000).				
16	A/R & M/O Shimla Mandi via Tattapni road Km. 90/000 to 115/000 (SH: P/L G-III and repair to Pot Holes in Km. 90/000 to 93/000 , 95/000 to 99/000, 103/000 to 109/000 and 110/000 to 115/000)	4,98,628/-	10,000/-	Two Months	350/-
17	A/R & M/O Shimla Mandi via Tattapni road Km. 55/500 to 115/000 (SH: P/L G-III and repair to Pot Holes in Km. 55/500 to 62/000 , 63/000 to 64/000, 66/000 to 68/000, 73/000 to 83/000 and 86/000 to 90/000)	4,98,075/-	10,000/-	Two Months	350/-
18	R/R damages on Karsog Parlog road Km. 0/000 to 19/00 (SH: Widening of road at RD 15/640 to 15/670 and removal of slips at RD 17/500 to 18/500).	3,73,858/-	7,500/-	Two Months	350/-
19	Construction of Chithadhartu to Nag Sunani Mandir road Km. 0/000 to 1/500 (SH: F/C 5/7mtrs. Wide road in Km. 0/915 to 1/135).	4,98,047/-	10,000/-	Two Months	350/-
20	Construction of link road from Kunhoo to Bag Km. 0/000 to 0/750 (SH: balance work of P/L cement concrete in Km. 0/110 to 0/150 & 0/250 to 0/300 and maintenance of berm in Km. 0/000 to 0/300).	3,34,786/-	7,000/-	One month	350/-
21	Preparation of Forest Diversion Case under Forest Conservation Act, 1980 for the construction of Kheelkufri to Mahunag road (SH: Construction of Kheelkuifri t Mahunag road Km. 0/000 to 12/000 and Preparation of Digital Map of Kheelkufri to Mahunag road Km. 0/000 to 12/000).	1,59,156/-	3,500/-	Six Months	350/-

	Digital Map of Kheelkufri to Mahunag road Km. 0/000 to 12/000).				
25	Construction of Bag Shalana Nind Dogri road Km. 0/000 to 2/450 (SH: C/O 900mm dia RCC Hume Pipe Culvert & wing wall at RD 0/500)	3,05,305/-	6,200/-	Two Months	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)

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

436171
8750
Two Months

Name of Work:- R/R Damages on Kot to Chindi via Japan road Km. 0/00 to 2/300 (SH:- C/O ^{6/10/11} P.W. at RD 1/740 to 1/760).

Sub-Head and Items of works.

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 mean including cutting and trimming of side slope and disposing of excavated earth with any lift and any lead as per technical specification clause 1603.1 as per direction of engineer in charge with in all lead and lift As per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	42.60			Per Cubic Meter	
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 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.	7.80			Per Cubic Meter	
3	Providing and laying concrete for plain/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.	72.54			Per Cubic Meter	
4	Providing weep holes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of structures with slope of 1(V):20 (H) towards drawing face complete as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	20.00			Each	
	Total Amount					

Executive Engineer,
Karsog Division,
HPPWD, Karsog.

SCHEDULE OF QUANTITY

Estimated Cost
Earnest Money
Time

393581
7900
Two Months

Name of Work :- R/R damages on Chindl Dachhain road Km 0/00 to 8/435 (SH:- C/O R/Wall at RD 5/510 to 5/523).

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 mean including cutting and trimming of side slope and disposing of excavated earth with any lift and any lead as per technical specification clause 1603.1 as per direction of engineer in charge with in all lead and lift As per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	34.45			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.	66.61			Per Cubic Meter	
3	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.	22.75			Per Cubic Meter	
4	Providing weep holes in brick masonry/stone masonry/plain reinforced concrete abutment,wing wall,return wall with 100 mm dia PVC pipe extending through the full width of structures with slope of 1(V):20 (H) towards drawing face complete as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	26.00			Each	
	Total Amount					

Executive Engineer,
Karsog Division,
HPPWD, Karsog.

(3)

SCHEDULE OF QUANTITY

Name of Work:- R/R Damages on Kotlu Katanda road Km. 0/00 to 19/00 Kotlu side (SH:- C/O R/Wall at RD 11/505 to 11/520)

Estimated Cost 385277
 Earnest Money 7350
 Time Two Months

Sr. No.	Sub-Head and items of works.	Qty.	in Figure	Rate	Unit.	Amount.
				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.	36.07			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.	62.70			Per Cubic Meter	
3	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.	20.10			Per Cubic Meter	
4	Providing weep holes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of structures with slope of 1(V):20 (H) towards drawing face complete as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	20.00			Each	
	Total Amount					


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog.

SCHEDULE OF QUANTITY

Estimated Cost
Earnest Money
Time

339365
6800
Two Months

Name of Work:- R/R Damages on Bag to Pokhi road Km. 0/00 to 10/00 (SH:- C/O R/Wall at RD 2/645 to 2/655).

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 mean including cutting and trimming of side slope and disposing of excavated earth with any lift and any lead as per technical specification clause 1603.1 as per direction of engineer in charge with in all lead and lift As per direction of Engineer-in- Charge including carriage of materials within all leads and lifts and other incidentals.	33.40			Per Cubic Meter	
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 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.	24.00			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.	68.65			Per Cubic Meter	
4	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.	8.80			Per Cubic Meter	
5	Providing weepholes in bricks masonry/stone masonry plain /reinforced concrete abutment wing wall, return wall with 100mm (one hundred millimeter) 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.	16.00			Each	


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog.

SCHEDULE OF QUANTITY

Estimated Cost Rs. 496012
Earnest Money 10000.00
Time:- One Month

Name of work:- R/R Damages on Kot to Chindi Via Jaban road km. 0/00 to 3/015 (SH:- C/O R/Wall at RD 1/710 to 1/733)

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.	39.10			Per Cubic Metre	
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 as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	79.98			Per Cubic Metre	
3	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.	25.76			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.	46.00			Each	
Total:-						


Executive Engineer,
Karsog Division,
HPPWD, Karsog

SCHEDULE OF QUANTITY

Estimated Cost Rs. 179721
 Earnest Money 3600.00
 Time:- One Month

Name of work:- R/R Damages on Kothu to Katanda road km. 0/00 to 19/00 (SH:- C/O R/W all at RD 6/120 to 6/130)

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.	6.30			Per Cubic Metre	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 nominal mix 1:5:10 as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	31.95			Per Cubic Metre	
3	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.	9.90			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.	10.00			Each	
Total:-						


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

SCHEDULE OF QUANTITY

Estimated Cost 433531
 Earnest Money 9900
 Time one Month

Name of work : - A/R & M/O Various road under Kelodhar Section Under Karsog sub Division (SH:- C/O unlined surface drain , making of earthen shoulder and maintenance of berm and Removal of Slips etc.)

Sr.No.	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount.
			in Figure	in words		
1	Construction of unlined surface drain of average cross-section area 0.20 sqm in soil specified line grade, level and dimension . Excavated material to be used in embankment with a lift upto any level as per leadlift and other incidentals. As per direction of Engineer-in -charge with in all lead and lifts and other incidentals.	2608.00			Per Running Meter	
2	Maintenance of earthen shoulder (filling with fresh selected soil) 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 with in all leads and lifts and other incidentals.	3675.00			Per Square Meter	
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 with in all leads and lifts and other incidentals.	2800.70			Per SquareCubic Meter	
	Total Amount					

Executive Engineer
 Karsog Division,
 Karsog

SCHEDULE OF QUANTITY

Name of work : - R/R damages onTattapani Khanderi Lamshar road Km 0/00 to 6/500 (SH :-C/O wire crate B/Wall at RD 6/075 to 6/095).

Estimated Cost 160039
Earnest Money 3200
Time Two Months

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 mean including cutting and trimming of side slope and disposing of excavated earth with any lift and any lead as per technical specification clause 1603.1 as per direction of engineer in charge with in all lead and lift As per direction of Engineer-in- Charge including carriage of materials within all leads and lifts and other incidentals.	23.40			Per Cubic Meter	
2	Excavation for roadwork in soil with hydraulic excavator of 0.9(Zero point nine) cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross-sections, and transporting to the embankment location with any lift upto 1.5 m and lead upto 1000 m as per Technical Specification Clause 302.3 as per direction of engineer in charge with in all lead and lift As per direction of Engineer-in- Charge including carriage of materials within all leads and lifts and other incidentals.	10.80			Per Cubic Meter	
3	Providing and laying of boulder apron laid in wire crates with 4 mm (Four millimeter)dia GI wire conforming to IS:280 and IS:4826 in 100 mm x 100 mm (One hundred millimeter X One hundred millimeter) mesh (woven diagonally) including 10(Ten) 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 Meter	
	Total Amount					


Executive Engineer,
Karsog Division,
HP.PWD Karsog.

SCHEDULE OF QUANTITY

Name of Work:- C/O Link road from Jai to Harizan Basti Bahotadhar Km 0/00 to 1/680 (SH:- F/C 5/7 mtr wide in Km 0/00 to 0/225).MMGPY2018-681-83.

Estimated Cost
Earnest Money
Time
212747
4300.00
One Month

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 55.91 cubic metre @ Rs. 300/- per cubic metre amounting to Rs.16,773/- 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.	1118.25			Per Cubic Meter	
	Total Amount					


Executive Engineer,
Karsog Division,
HPPWD, Karsog.

9

SCHEDULE OF QUANTITY

Estimated Cost
Earnest Money
Time

183404
3700
Two Months

Name of Work :- R/R damages on Chindi Dachhain road Km 0/00 to 8/435 (SH:- C/O R/Wall at RD 5/835 to 5/845).

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 mean including cutting and trimming of side slope and disposing of excavated earth with any lift and any lead as per technical specification clause 1603.1 as per direction of engineer in charge with in all lead and lift As per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	18.00			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.	30.50			Per Cubic Meter	
3	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.	10.20			Per Cubic Meter	
4	Providing weep holes in brick masonry/stone masonry/plain reinforced concrete abutment,wing wall,return wall with 100 mm dia PVC pipe extending through the full width of structures with slope of 1(V):20 (H) towards drawing face complete as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	20.00			Each	
	Total Amount					

Executive Engineer,
Karsog Division,
HPPWD, Karsog.

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SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY

ESTIMATED COST
EARNEST MONEY
Time433940
8700
Two Months

Name of Work:- Construction of Chitadharthu to Nag Sunani Mandir road Km. 0/00 to 1/500 (SH:- C/O 900mm dia RCC hume pipe culvert at RD 0/975 & 1/390

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.	75.88			Per Cubic Meter	
2	Providing and laying concrete for pain/reinforced concrete 1:3:6 (one cement : three sand : six graded stone aggregate) in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 or as per direction of engineer in charge including carriage of materials with in all lead and lifts and other incidentals.	5.14			Per Cubic Meter	
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 (one cement : six sand) R/R masonry or as per direction of engineer in charge including carriage of materials with in all lead and lifts and other incidentals.	16.42			Per Cubic Meter	
4	Providing and Laying C: C 1:5:10 (1 Cement : 5 Sand : 10 graded stone aggregate 40 mm nominal size) and curing complete including cost of form work in retaining wall/ breast wall the size of plun shall usually by 150mm to 300mm or as per direction of engineer in charge including carriage of materials with in all lead and lifts and other incidentals.	58.56			Per Cubic Meter	
5	Providing and laying flooring laid over concrete bedding complete as per drawing and technical specification clause 1303 in Cement Mortar 1:3 (one cement : three sand) or as per direction of engineer in charge including carriage of materials with in all lead and lifts and other incidentals.	0.90			Per Cubic Meter	

6	Providing and laying (to level and slopes) and jointing reinforcement concrete light duty non pressure pipe IS class NP2 of flowing dia meter with colour and butt ends prepare for colour joints including testing of joints complete 900 mm dia or as per direction of engineer in charge including carriage of materials with in all lead and lifts and other incidentals.	15.00	Per Running meter					
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.	13.32	Per Cubic Meter					
8	Providing weep holes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of structures with slope of 1(v):20 (H) towards drawing face complete or as per direction of engineer in charge including carriage of materials with in all lead and lifts and other incidentals.	20.00	Each					
	Total Amount							


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog.

SCHEDULE OF QUANTITY

Estimated Cost Rs.

340227

Earnest Money

6900

Time:-

One Month

Name of work:- R/R Damages on Naraina Behli to Balna road Km. 0/0 to 3/00 & Kelodhar to Degree college Karsog road km. 0/00 to 1/500 under Karsog Sub Division
Kelodhar Section (SH:- C/O Unlined Drain, maintenance of earthen shouldered, Maintenance of bren and Removal of slips at various RDs)

Sr. No.	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount
			In Fig	In Words		
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.	4380.00			Per Running 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 connected as per HPPWD specifications as per direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	3937.50			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, moom or erath 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.	438.92			Per Cubic Metre	
Total:-						

Executive Engineer,
Karsog Division,
HPPWD, Karsog

SCHEDULE OF QUANTITY

Name of Work:- R/R Damages on Kottu to Nainj road Km. 0/00 to 5/00 (SH:- C/O R/Wall at RD 0/315 to 0/323)

Estimated Cost
Earnest Money
Time

119519
2400
Two Months

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.	5.04			Per Cubic Meter	
2	Providing and laying concrete for plain/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.	20.56			Per Cubic Meter	
3	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.	7.92			Per Cubic Meter	
4	Providing weep holes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of structures with slope of 1(V):20 (H) towards drawing face complete as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	10.00			Each	
	Total Amount					


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog.

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SCHEDULE OF QUANTITY

Estimated Cost 410108
Earnest Money 8250
Time Two Months

Name of Work :- R/R damages on Chindi Dachhain road Km 0/00 to 8/435 (SH:- C/O R/Wall at RD 5/675 to 5/695 & 5/698 to 5/705).

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 mean including cutting and trimming of side slope and disposing of excavated earth with any lift and any lead as per technical specification clause 1603.1 as per direction of engineer in charge with in all lead and lift As per direction of Engineer-in- Charge including carriage of materials within all leads and lifts and other incidentals.	57.75			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.	69.73			Per Cubic Meter	
3	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.	16.94			Per Cubic Meter	
4	Providing weep holes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of structures with slope of 1(V):20 (H) towards drawing face complete as per direction of Engineer-in- Charge including carriage of materials within all leads and lifts and other incidentals.	34.00			Each	
Total Amount						

Executive Engineer,
Karsog Division,
HPPWD, Karsog.

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SCHEDULE OF QUANTITY

Estimated Cost Rs.	499277
Earnest Money	10000
Time:-	Two Month

Name of work:-A/R & M/O Kheel Kufri Mahunag road Km. 0/00 to 11/800, Paragali Restadhar road Km. 0/00 to 6/00, Churang to Chamampur road Km. 0/00 to 4/00, Chamampur to Sihni road Km. 0/00 to 2/00, Ruhani Manola road Km. 0/00 to 10/500) (SH:- P/L G-III and Repair to Pot holes in Km. Kheel Kufri Mahunag road Km. 3/00 to 9/00, Paragali Restadhar road Km. 0/00 to 6/00, Churang to Chamampur road Km. 1/00 to 2/00 & 3/00 to 3/500, Chamampur to Sihni road Km. 0/00 to 2/00, Ruhani Manola road Km. 0/00 to 3/00)

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-II 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.	45.43			Per Cubic Meter	
2	Repair of pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20mm (twenty millimeter) thick premix carpet and seal coat type-B using with bitumen VG-10/S-90 specification clause 1904.2, 503 and 508.1 or as per direction of engineer in charge including carriage of materials with in all leads, lifts and other incidentals. .	1014.90			Per Square Meter	
Total:-						


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

SCHEDULE OF QUANTITY

Estimated Cost Rs.	498628
Earnest Money	10000
Time:-	Two Month

Name of work:-A/R & M/O Shimla Mandi Via Tattapani road Km. 90/00 to 115/00 (SH:- P/L G-III and Repair to Pot holes in Km. 90/00 to 93/00, 95/00 to 99/00, 103/00 to 109/00 and 110/00 to 115/00)

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.	28.72			Per Cubic Meter	
2	Repair of pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20mm (twenty millimeter) thick premix carpet and seal coat type-B using with bitumen VG-10/S-90 specification clause 1904.2, 503 and 508.1 or as per direction of engineer in charge including carriage of materials with in all leads, lifts and other incidentals.	1167.22			Per Square Meter	
Total:-						


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog


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SCHEDULE OF QUANTITY

Estimated Cost Rs.	498075
Earnest Money	10000
Time:-	Two Month

Name of work:-A/R & M/O Shimla Mandi Via Tattapani road Km. 55/500 to 115/00 (SH:- P/L G-III and Repair to Pot holes in Km. 55/500 to 62/00, 63/00 to 64/00, 66/00 to 68/00, 73/00 to 83/00 & 86/00 to 90/00)

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.	37.93			Per Cubic Meter	
2	Repair of pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20mm (twenty millimeter) thick premix carpet and seal coat type-B using with bitumen VG-10/5-90 specification clause 1904.2, 503 and 508.1 or as per direction of engineer in charge including carriage of materials with in all leads, lifts and other incidentals.	1080.65			Per Square Meter	
Total:-						


 Executive Engineer,
 Karsog Division,
 HPPW/D, Karsog

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SCHEDULE OF QUANTITY

Name of Work:- R/R Damages on Karsog Parlog road Km. 0/00 to 19/00 (SH:- Widening of road at RD 15/640 to 15/670 and Removal of slips at RD 17/500 to 18/500).

Estimated Cost 373858
Earnest Money 7500.00
Time Two Months

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 255 cubic metre @ Rs. 300/- per cubic metre amounting to Rs.76500 /- 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.	765.00			Per Cubic Meter	
2	Removal of land slide slip clearance:-Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut 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 16.11 as per direction of Engineer-in-Charge with in all leads and lifts and other incidentals.	721.02			Per Cubic Meter	
	Total Amount					


Executive Engineer,
Karsog Division,
HPPWD, Karsog.




Schedule of Quantity

Estimated Cost Rs.	334786
Earnest Money	6700
Time:-	One Month

Name of work:- Construction of Kunhoo to Bag road Km. 0/00 to 0/750 (SH:- Balance work of P/L Cement concrete in Km. 0/110 to 0/150 & 0/250 to 0/300 and maintence of berm in Km. 0/00 to 0/300)

Sr. No.	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount
			In Figure	In Words		
1	Providing and laying concrete for plain /reinforced concrete in open foundation complete as per drawing and technical specification clause 802,803 1202 and 1203 PCC grade M-10 nominal mix 1:3:6. 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.	54.00			Per Cubic 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.	300.00			Per Square Metre	
Total:-						


 Executive Engineer,
 Karsog Division,
 HPPWD, Karsog

DNIT (Schedule of Quantity)

Estimated Cost :- Rs. 159156/-
Earnest Money :- Rs. 3500/-
Time:- Six months.

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)

S.No.	Description of Item	Quantity	Rate		Unit	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.	12.00				
					Total	0


Executive Engineer
Karsog Division
HPPWD Karsog

SCHEDULE OF QUANTITY

Estimated Cost
Earnest Money
Time

305305
6200
Two Months

Name of Work:-C/O Bag Shalana Nind Dogri road Km. 0/00 to 2/450 (SH:- C/O 900 mm dia RCC Hume Pipe culvert & wing wall at RD 0/500).

Sr.No.	Sub-Head and items of works.	Qty.	Rate		Unit.	Amount.
			in	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 any lift and any lead as per technical specification clause 1603.1 as per direction of engineer in charge with in all lead and lift As per direction of Engineer-in- Charge including carriage of materials 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 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.	43.63			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.	9.50			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.

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