



**Himachal Pradesh
Public works Department**

NO: PW- BHNR-B&R-EA-I-Tender/2023-
To,

3821-25

Dated:- 19-8-2023

The Executive Engineer,
IT Cell HP.PWD Shimla-2.

Subject: - Publication of Notice Inviting Tender.

Sir,

I am enclosing herewith the Notice Inviting Tender along with schedule of Qty. for favour of information and necessary action. The work attached in list is of very urgent nature. It is requested that the same may kindly be got published.

Yours Faithfully,

DA: - As above.

Executive Engineer,
Karchham Division,
HP.PWD, Bhabanagar.

Copy to following for information & necessary action.

1. Chief Engineer (SZ), HP.PWD, Shimla.
2. Superintending Engineer, 11th Circle, HP.PWD, Rampur Bushahr.
3. All the Assistant Engineers, working under this Division.
4. Drawing Branch of this office
5. Notice Board of this office.

DA: - 1 No.

Executive Engineer,
Karchham Division,
HP.PWD, Bhabanagar.

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT
(R.R.D.)
NOTICE INVITING TENDERS**

The Executive Engineer, Karchham Division, H.P.P.W.D. Bhabunagar District Kinnaur Pin-172115 invite Item rate tenders in sealed cover on the prescribed forms from the eligible Contractors on 30.08.2023 and shall be opened on the same day at 11.00AM, in the presence of intending contractors or their authorized representatives who wish to be present at the time.

S. No.	Name of Work	Estimated Cost	Earnest Money	Time	Cost of form
1	C/O Shongthong Barang road Km. 5/00 to 8/00 (SH:- F/C 5/7 mtr. Wide road at RD.5/450 to 5/580) TASP	443801	8900	Two months	350/-
2	C/O Taxi stand at Sangla (SH:- Providing and laying kharanja stone soling and C.C. paver inter locking block at (2 nd portion)) BAPD	352449	7400	Two months	350/-
3	R/R damages on Old H.T. road Tapri to Kanam Km. 0/0 to 20/720 (SH:- C/O R/wall with toe wall at Rd. 21/500 to 21/505)	488052	9800	Two months	350/-
4	R/R damages on link road to village yulla Km. 0/0 to 2/835 (SH:- C/O R/wall at RD. 1/330 to 1/345)	298380	6000	Two months	350/-
5	R/R Damages on KSC road Km 0/00 to 41/500 (Sub Head:- F/C for widening of road at Km 3/00 to 3/045)	493138	9900	Two months	350/-
6	R/R damages on link road Nigulsari to Tranda Km. 0/0 to 5/550 (SH:- C/O R/wall at RD. 0/475 to 0/485)	497744	10000	Two months	350/-
7	R/R damages on link road Ponda to Bari Km 0/00 to 5/200 (Sub Head:- C/o R/wall at RD 0/790 to 0/809.50)	497513	10000	Two months	350/-
8	C/O Taxi stand at Sangla (SH:- Providing and laying kharanja stone soling and C.C. paver inter locking block at (3 rd portion)) BAPD	370058	7400	Two months	350/-
9	A/R and M/O on Shongthong Barang road Km. 0/0 to 5/00 (SH:- C/O B/wall in wire crate at RD. 3/075 to 3/125)	483509	9700	Two months	350/-
10	C/O balance motorable road from Juni (Chipurche) to Ramni (Fochitang) Km. 0/0 to 1/480 (SH:- F/C 5/7 mtr wide road at RD. 0/720 to 0/765 and R/wall in wire crate at RD.0/749 to 0/751.40)	482834	9700	Two months	350/-
11	C/o Old H.T. road Tapri to Kanam Km. 0/0 to 20/720 (SH:- C/O R/wall with toe wall at RD. 21/495 to 21/500)	488209	9800	Two months	350/-
12	C/O jeepable road from Ramni Bridge to village Ramni Km 0/00 to 5/525 (Sub Head:- C/O B/wall in wire crate at RD 3/543 to 3/583)TASP	415509	8400	Two months	350/-
13	C/o balance work of electric Bicable way for transportation of goods from NH-22 (now NH-05) to village Saak Kanda in GP Nathpa. (Sub head:- providing and fixing drive unit and buckets etc) Under deposit	385000	7700	Two months	350/-
14	C/O Karchham Sapni link road 4 Km to Shenenden Km 0/00 to 1/300 (Sub Head:- C/O R/wall in wire crate at RD 0/570 to 0/590)TASP	478165	9600	Two months	350/-
15	C/O link road Chaura NH-05 to Forest Rest House Chaura Km 0/00 to 3/500 (Sub Head:- C/O B/wall in wire crate at RD 0/515 to 0/560)TASP	433567	8700	Two months	350/-
16	A/R & M/O on Old H.T. road Tapri to Kanam Km. 0/0 to 20/720 (SH:- C/O R/wall with toe wall at RD. 21/505 to 21/510)	487582	9800	Two months	350/-
17	R/R damages on link road Nigulsari to Tranda Km. 0/0 to 5/550 (SH:- C/O R/wall at RD 4/580 to 4/595)	498687	10000	Two months	350/-
18	A/R and M/O Chhota Kamba to village Gharshu road Km. 0/0 to 2/930 (SH:- C/O B/wall and R/wall in wire crates at RD 2/835 to 2/850 and 2/865 to 2/885 respectively)	430085	8600	Two months	350/-
19	A/R & M/O on KSC road Km 0/00 to 41/500 (Sub head:- Removal of debris and slip/boulder at RD 5/890 to 6/700, 10/210 to 10/300 and 11/00 to 11/435)	214401	4300	Two months	350/-
20	C/o link road from Odarang to Matigoda Km 0/00 to 1/960 (Sub Head:- C/O R/wall at RD 0/610 to 0/626) Under TASP	498519	10000	Two months	350/-

21	R/R damages on Wangtoo Kafnoo road Km. 0/0 to 20/00 (SH:- C/O R/wall in wire crate at RD 14/207.90 to 14/238)	430601	8600	Two months	350/
22	C/O link road Chaura NH-05 to Forest Rest House Chaura Km 0/00 to 3/500 (Sub Head:- C/O R/wall in wire crates at RD 0/788 to 0/799, 0/960 to 0/972 and 1/135 to 1/150) Under TASP	409183	8200	Two months	350/
23	A/R & M/O on KSC road Km 0/00 to 41/500 (Sub head:- C/O R/wall in wire crate at RD 27/105 to 27/120 and 27/385 to 27/405)	388607	7800	Two months	350/
24	Restoration of rain damages on Wangtoo Kafnoo road Km 0/00 to 20/00 (Sub head:- C/o abutment for 130 feet span DDR bailey Bridge Kafnoo/dam side abutment)	493400	9900	Two months	350/
25	A/R & M/O on KSC road Km 0/00 to 41/500 (sub Head:- C/O R/wall at RD 23/190 to 23/210)	485808	9700	Two months	350/
26	R/R damages on link road from Bhawa Mode to 1892 Km 0/00 to 2/00 (Sub head:- C/O R/wall from RD 0/034 to 0/041)	271063	5400	Two months	350/
27	R/R damages on Wangtoo Kafnoo road Km 0/00 to 20/00 (Sub Head:- C/O R/wall at RD 2/537.50 to 2/542.90))	471158	9500	Two months	350/
28	C/O jeepable road Choling to Rangle Km 0/00 to 2/200 (Sub Head:- F/C 3/5 mtr wide road Km 0/120 to 0/270) Under TASP	491277	9800	Two months	350/
29	R/R damages on link road to village Kannai Km 0/00 to 2/00 (Sub head:- C/O R/wall at RD 0/855 to 0/875)	412046	8300	Two months	350/
30	C/o balance work of electric Bicable way for transportation of goods from NH-22 (now NH-05) to village Saak Kanda in GP Nathpa, (Sub head:- Providing and laying galvanized wire track rope 16mm dia, haulage rope 10mm dia, Steel accessories etc. P/L indicator ballon, 12mm dia rope with steel accessories for indicator,(Ballon) on cable way) Under Deposit	437421	8700	Two months	350/
31	Restoration of rain damages on Wangtoo Panvi road Km 0/00 to 9/385 (Sub Head:- Hiring of Excavator cum loader in working condition for Removal of slips/boulder/Debris In between Km 0/00 to 9/385)	314800	6300	One month	350/
32	A/R & M/O on KSC road Km 0/00 to 41/500 (Sub head:- Removal of Debris and slips/boulder at KM 21/750 to 23/750)	491246	9800	Two months	350/
33	R/R damages on link road Nigulsari to Tranda Km. 0/0 to 5/550 (SH:- C/O R/wall at RD 3/870 to 3/887)	494120	9900	Two months	350/
34	R/R damages on Tapri Choltu Jani road Km 0/00 to 7/585 (Sub Head:- C/O B/wall in wire crate at RD 6/098 to 6/123)	409356	8200	Two months	350/
35	C/o link road from Odarang to Matigoda Km 0/00 to 1/960 (Sub Head:- C/O R/wall at RD 0/555 to 0/565) Under TASP	334874	6700	Two months	350/
36	R/R Damages on KSC road Km 0/00 to 41/500 (Sub Head:- C/O B/wall in wire crate at RD 23/050 to 23/065)	303637	6100	Two months	350/
37	C/o link road Gaysha to Yukto Km 0/00 to 1/00 (Sub head:- C/o R/wall at RD 0/190 to 0/219) Under TASP	459667	9200	Two months	350/
38	R/R damages on due to Flash flood on Sarigehe Nallah (Sub head:-C/O protection wall for abutments on L/side U/S side)	491290	9800	Two months	350/
39	R/R damages on Old H.T. road Tapri to Kanam Km. 0/0 to 20/720 (SH:- C/o R/wall at RD 16/440 to 16/455)	344498	6900	Two months	350/
40	R/R damages on Tapri Choltu Punang road Km 0/00 to 5/00 (Sub Head:- C/O R/wall with C.C toe wall at RD 3/312 to 3/324.75)	434659	8700	Two months	350/
41	R/R damages on link road Rutrang bridge to Bonning Sarring Km 0/00 to 6/750 (Sub Head:- C/O R/wall at RD 3/130 to 3/138)	233608	4700	Two months	350/

42	A/R & M/O KSC road Km 0/00 to 41/500 (Sub Head:- P/I G-III & repair of Pot holes between Km 15/00 to 16/00)	482311	9700	Two months	350/
43	C/o jeepable road from Kutgaon to Katgaon Kanda Km 0/00 to 5/500 (Sub Head:- C/O R/wall at Km 0/643 to 0/655) Under TASP	191967	3800	One month	350/
44	C/o jeepable road to village Rangme Km 0/00 to 1/200 (Sub Head:- C/O R/wall at Km 0/540.75 to 0/560) Under TASP	414553	8300	Two months	350/
45	C/O Ralli to Mebar road Km 0/00 to 2/300 (Sub Head:- F/C 5/7 mtr. Wide road at Rd 1/060 to 1/080 and C/O R/wall in wire crate at Rd.1/060 to 1/ 080) Under TASP	473288	9500	Two months	350/

TERMS AND CONDITIONS:-

The Earnest Money shown against each work must accompany with each tender in the shape of National Saving Certificate/Time Deposit Account/Post Office Saving Bank Account of any of the Post Offices duly pledged in the name of undersigned. The application of each tender alongwith following documents must reach in this office on 28.08.2023 upto 12:15 P.M. and issued on same day.

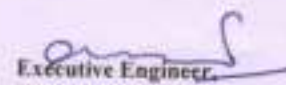
(i) Each application alongwith attested copy of the proof of enlistment in the appropriate Class and its renewal.

(ii) Permanent Account Number (PAN)

(iii) EPF No. and GST.

(iv) Exemption Letter for payment of earnest money from competent authority if any.

The contractor enlisted in a particulars class shall be eligible to tender for his own class and one step below. The tender rates must be quoted in words and figures by the tenderer. The conditional tenders or the tenders without earnest money shall be rejected. The Executive Engineer reserves the right to reject any or all tenders without assigning any reason. In case there happens to be a holiday on the date of opening of the tenders the same shall be opened on the next working day. The offer of the tender shall remain valid upto 90days from the opening of the tenders.


Executive Engineer,
Karchham Division,
P.W.D: Bhabanagar

182

Draft Schedule of Quantity

Job-20

498519.00

Estimated Cost:-

10000.00

Earnest Money:-

Two Months

Time:-

Name of work:- C/o link road from Odarang to Matigoda Km 0/00 to 1/960 (

Sub Head:- C/O R/wall at RD 0/610 to 0/626) Under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	46.40	346.00	Rupees Three Hundred Forty Six Only	Per cubic metre	16054.00
2	Providing and laying ceent 1:6:12 (one cement : six sand: twelve graded stone aggregate 40mm (forty millimeter) nominal size for plain /reinforced concrete in open foundations complete as per drawings and technical specification clauses 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	9.60	4242.00	Rupees Four Thousand Two Hundred Forty Two Only	Per cubic metre	40723.00
3	Random rubble stone masonry in cement mortar 1:6 (one cement : six sand) for structure like retaining walls, breast walls wing walls, toe walls, abutment and similar works etc. in all heights complete as per drawing and technical specification clauses 702, 704, 1202 & 1204 and curing complete including carriage of materials in all leads lifts as per the entire satisfaction and direction of Engineer-in-Charge.	80.30	5177.00	Rupees Five Thousand One Hundred Seventy Seven Only	Per cubic metre	415713.00
4	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm (One hundred millimetre) dia PVC pipe extending through the full width of the structures with slope of 1 (V) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12 04, 3.7 within all leads and lifts and as per direction of Engineer-in-charge.	20.00	320.50	Rupees Three Hundred Twenty and Fifty Paisas Only	Each	6410.00
5	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-charge.	19.20	1021.80	Rupees One Thousand Twenty One and Eighty Paisas	Per cubic metre	19619.00
				Total		498519.00

Draft Schedule of Quantity
 15/4/98
 498519.00

Executive Engineer
 Karchham Division,
 HPPWD at Bhaba Nagar.

Draft Schedule of Quantity

Job-21

Estimated Cost:-

430601.00

Earnest Money:-

8600.00

Time:-

Two Months

183

Name of work:- R/R damages on Wangtoo Kanoor road Km. 0/0 to 20/00
 Sub Head:- C/O R/wall in wire crate at RD 14/207 90 to 14/238)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Removal of land-slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut materials complete with in all leads and lifts of materials and other incidentals.	99.33	60.45	Rupees Sixty and Forty Five Paisas Only	Per cubic metre	6004.00
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	43.34	128.15	Rupees One Hundred Twenty Eight and Fifteen Paisas Only	Per cubic metre	5554.00
3	Providing and laying boulder apron laid in wire crates with 4 mm diameter G.I. wire conforming to IS:280 and IS:4826 in 100mm x 100mm (one hundred into one hundred millimetre) mesh (woven diagonally) including 10 % (ten percent) extra for laps and joints laid with stones boulders weighting not less than 25 kg. (twenty five kilogram) each as per drawing and technical specifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	270.90	1458.40	Rupees One Thousand Four Hundred Fifty Eight and Forty Paisas Only	Per cubic metre	395081.00
4	Construction of embankment with approved material obtained from borrow pits within all leads and lifts transporting to site, spreading, grading to required slope and compacting to meet requirement of table 300.1 and 300.2 as per technical specification clause 301.5 and as per the entire satisfaction and direction of Engineer-in-charge.	140.87	170.10	Rupees One Hundred Seventy and Ten Paisas Only	Per cubic metre	23962.00
		Total:-				
				430601.00		

Deputy Secretary & Quantity Surveyor
 Pm D. 430601/21

Executive Engineer,
 Karchham Division, HPPWD.,
 Karchham at Bhaba Nagar.

original 184

Draft Schedule of Quantity

Job-22

Estimated Cost:- 409183.00
Earnest Money:- 8200.00
Time:- Two Months

name of work:- C/O link road Chaura NH-05 to Forest Rest House Chaura Km 0/00 to 3/500
b Head:- C/O R/wall in wire crates at RD 0/789 to 0/799, 0/960 to 0/972 and 1/135 to 1/150 Under TASP

S. r. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	42.00	346.00	Rupees Three Hundred Forty Six Only	Per cubic metre	14532.00
3	Providing and laying boulder apron laid in wire crates with 4 mm diameter G.I. wire conforming to IS:280 and IS:4826 in 100mmx 100mm (one hundred into one hundred millimetre) mesh (woven diagonally) including 10 % (ten percent) extra for laps and joints laid with stones boulders weighting not less than 25 kg (twenty five kilogram) each as per drawing and technical specifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	125.28	3048.60	Rupees Three Thousand Forty Eight and Sixty Paises Only	Per cubic metre	381929.00
4	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-charge.	12.66	1004.90	Rupees One Thousand Four and Ninety	Per cubic metre	12722.00
			Total:-			409183.00

draft schedule of quantity prepared
on 16/09/2023

Executive Engineer
Karchham Division, HPPWD.,
Karchham at Bhaba Nagar.

Original 185

Draft Schedule of Quantity

Job-23

Estimated Cost:- 388607.00
 Earnest Money:- 7800.00
 Time:- Two Months

name of work:- A/R & M/O on KSC road Km 0/00 to 41/500
 b Head:- C/O R/wall in wire crate at RD 27/105 to 27/120 and 27/385 to 27/405)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	49.00	346.00	Rupees Three Hundred Forty Six Only	Per cubic metre	16954.00
2	Providing and laying boulder apron laid in wire crates with 4 mm diameter G.I. wire conforming to IS 280 and IS 4826 in 100mmx 100mm (one hundred into one hundred millimetre) mesh (woven diagonally) including 10 % (ten percent) extra for laps and joints laid with stones boulders weighting not less than 25 kg. (twenty five kilogram) each as per drawing and technical specifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	109.55	3147.70	Rupees Three Thousand One Hundred Forty Seven and Seventy Paises Only	Per cubic metre	344831.00
3	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-charge.	26.25	1021.80	Rupees One Thousand Twenty One and Eighty Paises	Per cubic metre	26822.00
				Total		388607.00

Def + schedule of quantity offered
Qm Rs 388607/-

Executive Engineer,
 Karchham Division, HPPWD.,
 Karchham at Bhaba Nagar.

Draft Schedule of Quantity

Job-24

Estimated Cost:- 493400.00
 Earnest Money:- 9900.00
 Time:- Two Months

name of work:- Restoration of rain damages on Wangtoo Kafnoo road Km 0/00 to 20/00
 Sub Head:- C/o abutment for 130 feet span DDR bailey Bridge Kafnoo/dam side abutment)

Sl. No. Description of item

Sl. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Supplying fitting and placing HYSD (High Yield Strength Deformed bar) reinforcement in Sub-Structure made of TATA TISCON/SAIL. RINL including cost of bending, binding and cutting and placing in position of bars complete including cost of binding wire as per drawing. MORTH technical specification clause 1600 and 2200 (one thousand six hundred and two thousand two hundred) and direction of Engineer-in-Charge, including entire carriage of materials with in all leads, lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	2.185	56273	Rupees Fifty Six Thousand Two Hundred Seventy Three Only	Per cubic Tonne	122957.00
2	Providing and laying mechanically mixed and vibrated plain reinforced cement concrete (M-15)(M-Fifteen) nominal mix 1:2:4 (One cement : two sand : four graded/crushed stone aggregate 40mm (forty millimeter) nominal size and curing complete including pumping or bailing out water, dewatering, removal of slush as required at site which may arise at the time of laying under water complete for all height and depths including cost of form work in foundation of abutment, pier for all type of structure complete as per drawing. MORTH technical specification clause 1500, 1700 & 2100 (one thousand five hundred, one thousand seven hundred and two thousand one hundred) and direction of Engineer-in-Charge including entire carriage of materials within all leads, lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	100.729	3322.00	Rupees Three Thousand Three Hundred Twenty Two Only	Per cubic metre	334622.00
	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Nominal Mix 1:1.5:3 (twenty millimeter) nominal mix curing complete within all leads, lifts carriage of material and other incidentals.	4.91	3667.00	Rupees Three Thousand Six Hundred Sixty Seven Only	Per cubic metre	18020.00
	Back filling behind abutment, wing wall, return wall and box of bridge with granular material and compacted with Plate compactor/power rammer complete as per drawing and technical specification as per direction of Engineer-in-Charge including entire carriage of materials within all leads, lifts and other incidentals. The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	5.55	393.00	Rupees Three Hundred Ninety Three Only	Per cubic metre	2181.00

original 186

Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm. (One hundred millimetre) dia AC pipe extending through the full width of the structures with slope of 1 (v) : 20(H) towards drawing face complete as per drawing and technical specification clause 614.709, 12.04.3.7 within all leads and lifts and as per direction of Engineer-in-charge.	20.00 ✓	781.00 ✓	Rupees Seven Hundred Eighty One Only	Each	15620.00 ✓
				Total	493400.00

Draft Subtotal of Quantity estimate
 for Rs 493400/-

Executive Engineer,
 Karchham Division,
 AppWD at Bhaba Nagar.

Draft Schedule of Quantity

Job-25

485808.00

9700.00

Two Months

Estimated Cost:-

Earnest Money:-

Time:-

Name of work:- A/R & M/O on KSC road Km 0/00 to 41/500

Sub Head:- C/O R/wall at RD 23/190 to 23/210

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	54.00	346.00	Rupees Three Hundred Forty Six Only	Per cubic metre	18584.00
2	Providing and laying cement 1:6:12 (one cement six sand twelve graded stone aggregate 40mm (forty millimeter) nominal size for plain /reinforced concrete in open foundations complete as per drawings and technical specification clauses 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	9.20	4242.00	Rupees Four Thousand Two Hundred Forty Two Only	Per cubic metre	39026.00
3	Random rubble stone masonry in cement mortar 1:6 (one cement six sand) for structure like retaining walls, breast walls wing walls, toe walls, abutment and similar works etc. in all heights complete as per drawing and technical specification clauses 702, 704, 1202 & 1204 and curing complete including carriage of materials in all leads lifts as per the entire satisfaction and direction of Engineer-in-Charge.	77.18	5177.00	Rupees Five Thousand One Hundred Seventy Seven Only	Per cubic metre	399561.00
4	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm. (One hundred millimetre) dia PVC pipe extending through the full width of the structures with slope of 1 (v) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12 04 3.7 within all leads and lifts and as per direction of Engineer-in-charge.	26.00	305.10	Rupees Three Hundred Five and Ten Paises Only	Each	7933.00
5	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-charge.	20.40	1010.00	Rupees One Thousand Ten Only	Per cubic metre	20604.00
					Total	485808.00

Executive Engineer

Karchham Division,

HPPWD at Bhaba Nagar.

Per Rs 485808/-
 Date 17/09/2017
 By [Signature]

Original 187

100

100

Je

Debt Allowed & available for Total

HPPWD at Bhaba Nagar

189

Draft Schedule of Quantity

Name of work:-R/R damages on Wangtoo Kahnoo road Km 0/00 to 20/00
Sub Head:-C/O R/wall at RD 2/537.50 to 2/542.90))

Estimated Cost:-
Earnest Money:-
Time:-

471158.00
9500.00
Two Months

Job-

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	4.86	346.00	Rupees Three Hundred Forty Six Only	Per cubic metre	1682.00
2	Supplying, fitting and placing TMT bar reinforcement in superstructure complete as per drawings and technical specifications Clauses 1000 and 1202 and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	0.148	101905.00	Rupees One Lacs One Thousand Nine Hundred Five Only	Per M/T	15082.00
3	Providing and laying hand mixing plain cement concrete M-15 (fifteen) grade nominal mix 1:2.5:5 (one cement, two and half sand, five graded stone aggregate 40 mm (forty millimetre) nominal size) in open foundations and plinths as per drawings and technical specification for rural roads clause 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	34.34	6075.10	Rupees Six Thousand Seventy Five and Ten Paisas Only	Per cubic metre	208619.00
4	Random rubble stone masonry in cement mortar 1:6 (one cement, six sand) for structure like retaining walls, breast walls wing walls, toe walls, abutment and similar works etc. in all heights complete as per drawing and technical specification clauses 702, 704, 1202 & 1204 and curing complete including carriage of materials in all leads lifts as per the entire satisfaction and direction of Engineer-in-Charge.	41.80	5246.30	Rupees Five Thousand Two Hundred Forty Six and Thirty Paisas Only	Per cubic metre	219295.00
5	Providing weep holes in brick masonry/stone masonry/plain reinforced concrete abutment wing wall, return wall with 100mm (One hundred millimetre) dia PVC pipe extending through the full width of the structures with slope of 1 (v) 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12.04, 3.7 within all leads and lifts and as per direction of Engineer-in-Charge.	15.00	321.30	Rupees Three Hundred Twenty One and Thirty Paisas Only	Each	4820.00
6	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-Charge.	15.88	1030.30	Rupees One Thousand Thirty and Thirty Paisas Only	Per cubic metre	16361.00

7	Construction of embankment with approved material obtained from borrow pits within all leads and lifts, transporting to site, spreading, grading to required slope and compacting to meet requirement of table 300.1 and 300.2 as per technical specification clause 301.5 and as per the entire satisfaction and direction of Engineer-in-charge	14.26	371.60	Rupees Three Hundred Seventy One and Sixty Paise Only	Per cubic metre	5299.00
					Total	471158.00

*Recd. Schedule of Quantity appeared
Rs 471158/-*

Executive Engineer
Kanchham Division,
HPPWD at Bhaba Nagar

Draft Schedule of Quantity

Job-28

Name of work:- C/O jeepable road Choling to Rangle Km 0/00 to 2/200
Sub Head:- F/C 3/5 mtr wide road Km 0/120 to 0/270) Under TASP

Estimated Cost:-
Earnest Money:-
Time:-

491278.00
9800.00
Two Months

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Cutting in earth work in all depths and heights in hard rock with chiselling and wedging out of rock (where blasting is prohibited), or setting out to the required lines grades, side slopes, trimming of bottom and levels as shown on the drawing and as directed by by the Engineer-in-charge at site according to the HPPWD specification of 1990 volume-1 and sorting of useful and unuseful materials and stacking the useful material along road side which shall not be less than 310.034 cubic metre failing which recovery @ Rs. 300/- per cubic metre shall be effected and transportation of the un useful material for filling in roadway embankments for grade improvement and level to required grades and then disposing off all surplus excavated material in acquired width of the road or on approved dumping site through all modes of transportations including head load, animal loads or mechanical means along with its levelling and fine dressing and carriage of all labour machinery, materials, tools, equipments and safety measured and other incidentals necessary to complete the work by mechanical means and or labor (if any required complete as per the direction of Engineer-in-Charge). Any loss to the public and private property during the course of execution and transportation of useful and un useful materials shall be absolute responsibility of the contractor which shall have to be dully compensated by him to full extent complete in all respects and in all cases.	1310.00	375.02	Rupees Three Hundred Seventy Five and Two Paises Only	Per cubic metre	491278.00
					Total	491278.00

Draft Schedule of Quantity is approved by me 09/08/81

Executive Engineer
Karchham Division, HPPWD,
Karchham at Bhaba Nagar

191

Draft Schedule of Quantity

Job-25

Estimated Cost:-
Earnest Money:-412046.00
8300.00

Time:-

Two Months

Name of work:- R/R damages on link road to village Kanai Km 0/00 to 2/00
Sub Head:- C/O R/wall at RD 0/855 to 0/875)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	27.10	346.00	Rupees Three Hundred Forty Six Only	Per cubic metre	9377.00
2	Providing and laying cement 1:6:12 (one cement : six sand: twelve graded stone aggregate 40mm (forty millimeter) nominal size for plain/reinforced concrete in open foundations complete as per drawings and technical specification clauses 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge	7.10	4316.90	Rupees Four Thousand Three Hundred Sixteen and Ninety Paises Only	Per cubic metre	30650.00
3	Random rubble stone masonry in cement mortar 1:6 (one cement : six sand) for structure like retaining walls, breast walls, toe walls, abutment and similar works etc. in all heights complete as per drawing and technical specification clauses 702, 704, 1202 & 1204 and curing complete including carriage of materials in all leads, lifts as per the entire satisfaction and direction of Engineer-in-Charge	64.00	5288.00	Rupees Five Thousand Two Hundred Eighty Eight Only	Per cubic metre	338432.00
4	Providing weep holes in brick masonry/stone masonry/plain/reinforced concrete abutment wing wall, return wall with 100mm (One hundred millimetre) dia PVC pipe extending through the full width of the structures with slope of 1 (V) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12.04, 3.7 within all leads and lifts and as per direction of Engineer-in-Charge	34.00	323.10	Rupees Three Hundred Twenty Three and Ten Paises Only	Each	10985.00
5	Back filling behind abutment, wing wall and return wall/foreast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-Charge	21.60	1046.40	Rupees One Thousand Forty Six and Forty Paises Only	Per cubic metre	22602.00
				Total		412046.00

Prepared & checked by
For the Executive Engineer

Executive Engineer,
Karcham Division,
HPPWD at Bhaba Nagar

Draft Schedule of Quantity

Estimated Cost:-
Earnest Money:-
Time:-

437421.00
8700.00
Two Months

Name of work:- C/O balance work of electric Bicable way for transportation of goods from NH-22 (now NH-05) to village Saak Kanda in GP Nathpa.
Sub Head:- Providing and laying galvanized wire track rope 16mm dia, haulage rope 10mm dia, Steel accessories etc. P/L Indicator balloon, 12mm dia rope with steel accessories for indicator (Balloon) on cable way Under Deposit

Sr. No.	Description of item	Qty.	Rate In Figure	In Words	Unit	Amount
1	supplying, hoisting and stretching and holding in position to specified profile wire rope for suspension bridge/ cable way (i/c guy ropes) galvanized wire ropes 12 mm (twelve millimetre) diameter 6x37 18/12/6/1 with steel core (ISS 3459) mtr. Galvanized wire rope 16 mm dia (sixteen millimetre diameter) 6x37 (18/12/6/1) with steel core (ISS 2288/77) 3300 mtr. (i) Track rope 16 mm (sixteen millimetre) diameter (ii) Haulage rope 10mm (ten millimetre) diameter including carriage of materials within all leads and lifts complete in all respect and as per the entire satisfaction and direction of Engineer-in-Charge.	23.96	11204.65	Rupees Eleven Thousand Two Hundred Four and Sixty Five Paise Only	Per Quintal	268463.4
2	Providing and fixing in position steel accessories like clamps, suspended rope grip, U-bolts, anchorage bolts with pulley etcetra along with fixtures for a suspension bridge/ cable way including carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	2.89	10020.15	Rupees Ten Thousand Twenty and Fifteen Paise Only	Per Quintal	28958.0
3	Providing and fixing indicator (Balloons) fixed with wire rope 60mm diameter as per specifications including carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	35.000	4000.00	Rupees Four Thousand Only	Each	140000
					Total	437421.1

Draft Schedule of Quantity of work
on 18/12/2019

Executive Engineer
Kachham Division,
HPPWD at Bhaba Nagar

*Wire Rope - attached for
Calculation*

193

Draft Schedule of Quantity

Job-3

Estimated Cost:- 314800.00
 Earnest Money:- 6300.00
 Time:- One Month

Name of work:- Restoration of rain damages on Wangtoo Panvi road Km 0/00 to 9/385
 Sub Head:- Hiring of Excavator cum loader in working condition for Removal of slips/boulder/Debris in between Km 0/00 to 9/385

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Hiring of Excavator cum loader in working condition having a 1.00 (one) cubic metre bucket capacity for removal of slips and debris and their loading with free of cost including P.O.L. operation staff, repair charges of machinery etc. The actual working hour shall be counted for payment. Any damages to the private/ public property during the execution shall be the absolutely responsibility of the owner. The work shall be executed as per the entire satisfaction and direction of Engineer-in-Charge with in all leads lifts complete in all respect.	400.00	787.00	Rupees Seven Hundred Eighty Seven Only	Per Hour	314800.00
		Total Price 314800.00				

Draft Schedule of Quantity
pm 193 314800.00

Executive Engineer
 Karcham Division,
 HP PWD at Bhaba Nagar.

Draft Schedule of Quantity

194

Name of work:- A/R & M/O on KSC road Km 0/00 to 41/500
Sub Head:- Removal of Debris and slips/boulder at KM 21/750 to 23/750)

Estimated Cost:-
Earnest Money:-
Time:-

491246.00
9800.00
Two Months

Sr. No.	Description of Item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut materials complete with in all leads and lifts of materials and other incidentals.	3387.90	145.00	Ruppes One Hundred Forty Five Only	Per cubic metre	491246.00
Total:-						491246.00

Executive Engineer,
Karchham Division, HPPWD,
Karchham at Bhaba Nagar.

Deputy Secretary of Quantity
491246.00

Estimated Cost:- 494120.00
 Earnest Money:- 9900.00
 Time:- Two Months

195

Name of work:- R/R damages on link road Nigulsan to Tranda Km. 0/0 to 5/550
 Sub Head:- C/O R/wall at RD 3/870 to 3/887)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	12.24	346.00	Rupees Three Hundred Forty Six Only	Per cubic metre	4235.00
2	Providing and laying concrete for plain/reinforced cement concrete 1:4:8 (One cement isto four sand isto eight graded stone aggregate 25mm. (twenty five millimetre) nominal size) in open foundation and curing complete including cost of form work in retaining walls/breast walls, as per HPPWD specification clause 802, 803, 1202 & 1203 within all leads and lifts and as per the direction of Engineer-in-charge.	84.15	5251.20	Rupees Five Thousand Two Hundred Fifty One and Twenty Pisas Only	Per cubic metre	441883.00
3	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm. (One hundred millimetre) dia PVC pipe extending through the full width of the structures with slope of 1 (v) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12.04, 3.7 within all leads and lifts and as per direction of Engineer-in-charge.	30.00	321.30	Rupees Three Hundred Twenty One and Thirty Pisas Only	Each	9639.00
4	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-charge.	37.23	1030.30	Rupees One Thousand Thirty and Thirty Pisas Only	Per cubic metre	38358.00
Total						494120.00

Desat schedule of quantity of approved
 to Rs 494120/-

Executive Engineer
 Karchham Division,
 HPPWD at Bhaba Nagar.

Draft Schedule of Quantity

Job-34

Estimated Cost:- 409356.00
Earnest Money:- 8200.00
Time:- Two Months

Name of work:-R/R damages on Tapri Choltu Jani road Km 0/00 to 7/585
Sub Head:-C/O B/wall in wire crate at RD 6/098 to 6/123)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Excavation in earthwork in hilly area 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) as per technical specification clause 1603.1 including carriage and stacking of useful material 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	88.00	199.60	Rupees one hundred ninety nine and paise sixty only	Per cubic metre	17565.00
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals	15.00	346.00	Rupees three hundred forty six only	Per cubic metre	5190.00
3	Providing and laying boulder apron laid in wire crates with 4 mm diameter G.I. wire conforming to IS 280 and IS 4826 in 100mmx 100mm (one hundred into one hundred millimetre) mesh (woven diagonally) including 10 % (ten percent) extra for laps and joints laid with stones boulders weighting not less than 25 kg. (twenty five kilogram) each as per drawing and technical specifications clause 1301 including carriage of material in all leads, lifts as per	121.50	3181.90	Rupees three thousand one hundred twenty six and paise forty only	Per cubic metre	386601.00
					Total	409356.00

Ready to calculate quantity attached
pm Rs 409356

Executive Engineer
Karghham Division,
HPPWD at Bhaba Nagar.

Estimated Cost:-

334874.00

Earnest Money:-

6700.00

Time:-

Two Months

Name of work:- C/o link road from Odarang to Maligoda Km 0/00 to 1/960

Sub Head:- C/O Rwall at RD 0/555 to 0/565) Under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals	30.45	346.00	Rupees Three Hundred Forty Six Only	Per cubic metre	10536.00
2	Providing and laying ceent 1:6:12 (one cement : six sand: twelve graded stone aggregate 40mm (forty millimeter) nominal size for plain /reinforced concrete in open foundations complete as per drawings and technical specification clauses 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge	4.83	4198.00	Rupees Four Thousand One Hundred Ninety Eight Only	Per cubic metre	20276.00
3	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for structure like retaining walls, breast walls wing walls, toe walls, abutment and similar works etc. in all heights complete as per drawing and technical specification clauses 702, 704, 1202 & 1204 and curing complete including carriage of materials in all leads lifts as per the entire satisfaction and direction of Engineer-in-Charge.	53.55	5288.00	Rupees Five Thousand Two Hundred Eighty Eight Only	Per cubic metre	283172.00
4	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-charge.	15.00	1013.60	Rupees One Thousand Thirteen and Sixty Paises Only	Per cubic metre	15204.00
5	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm (One hundred millimetre) dia PVC pipe extending through the full with of the structures with slope of 1 (v) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12.04, 3.7 within all leads and lifts and as per direction of Engineer-in-charge.	18.00	315.90	Rupees Three Hundred Fifteen and Ninety Paises Only	Each	5686.00
					Total	334874.00

Accepted Schedule of Quantity for appearance
 Mr B 334874

Executive Engineer

Kandham Division,

HFWVD at Bhaba Nagar

Draft Schedule of Quantity

Job-36

Estimated Cost:- 303637.00
 Earnest Money:- 6100.00
 Time:- Two Months

198
 Name of work:- R/R Damages on KSC road Km 0/00 to 41/500
 Sub Head:- C/O B/wall in wire crate at RD 23/050 to 23/055)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	39.38	346.00	Rupees Three Hundred Forty Six Only	Per cubic metre	13625.00
2	Providing and laying boulder apron laid in wire crates with 4 mm diameter G.I. wire conforming to IS:280 and IS:4826 in 100mmx 100mm (one hundred into one hundred millimetre) mesh (woven diagonally) including 10 % (ten percent) extra for laps and joints laid with stones boulders weighing not less than 25 kg. (twenty five kilogram) each as per drawing and technical specifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	90.01	3222.00	Rupees Three Thousand Two Hundred Twenty Two Only	Per cubic metre	290012.00
Total:-						303637.00

Draft Schedule of Quantity approved
from Rs 303637/-

Executive Engineer,
 Karchham Division, HPPWD.,
 Karchham at Bhaba Nagar.

Estimated Cost:-
Earnest Money:-
Time:-

459667.00

9200.00

Two Months

Draft Schedule of Quantity

Name of work:- C/o link road Gaysha to Yukto Km 0/00 to 1/00

Sub Head:- C/o R/wall at RD 0/190 to 0/219) Under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	124.70	128.15	Rupees One Hundred Twenty Eight and Fifteen Paises Only	Per cubic metre	15980.00
2	Providing and laying cement 1:6:12 (one cement : six sand : twelve graded stone aggregate 40mm (forty millimeter) nominal size for plain /reinforced concrete in open foundations complete as per drawings and technical specification clauses 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	14.50	1933.60	Rupees One Thousand Nine Hundred Thirty Three and Sixty Paises Only	Per cubic metre	28037.00
3	Random rubble stone masonry in cement mortar 1:6 (one cement : six sand) for structure like retaining walls, breast walls, wing walls, toe walls, abutment and similar works etc. in all heights complete as per drawing and technical specification clauses 702, 704, 1202 & 1204 and curing complete including carriage of materials in all leads lifts as per the entire satisfaction and direction of Engineer-in-Charge.	185.89	2084.90	Rupees Two Thousand Eighty Four and Ninety Paises Only	Per cubic metre	387562.00
4	Providing weep holes in brick masonry/stone masonry/plain reinforced concrete abutment wing wall, return wall with 100mm (One hundred millimetre) dia PVC pipe extending through the full width of the structures with slope of 1 (v) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12.04, 3.7 within all leads and lifts and as per direction of Engineer-in-charge.	44.00	257.70	Rupees Two Hundred Fifty Seven and Seventy Paises Only	Each	11339.00
5	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-charge.	34.80	481.30	Rupees Four Hundred Eighty One and Thirty Paises Only	Per cubic metre	16749.00
					Total	459667.00

Ready Schedule of Quantity
for Rs 459667/-

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar

Draft Schedule of Quantity

Job-38

Estimated Cost:-
Earnest Money:-
Time:-

491291.00
9800.00
Two Months

Name of work:- R/R damages on due to Flash flood on Sarigche Nallah
Sub Head:- C/O protection wall for abutments on land slide U/S side)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	41.25	346.00	Rupees Three Hundred Forty Six Only	Per cubic metre	14273.00
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete 1:2:4 (one cement : two sand : four graded/crushed stone aggregate 40mm (forty millimetre) nominal max curing complete within all leads, lifts carriage of material and other incidentals.	54.00	6819.90	Rupees Six Thousand Eight Hundred Nineteen and	Per cubic metre	368275.00
3	Providing and laying boulder apron laid in wire crates with 4 mm diameter G.I. wire conforming to IS-280 and IS-4826 in 100mm x 100mm (one hundred into one hundred millimetre) mesh (woven diagonally) including 10 % (ten percent) extra for laps and joints laid with stones boulders weighting not less than 25 kg. (twenty five kilogram) each as per drawing and technical specifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	33.75	3222.00	Rupees Three Thousand Two Hundred Twenty Two Only	Per cubic metre	108743.00
			Total:-			491291.00

Receipt & scheduling of quantity appended
on Rs 491291/-

Executive Engineer,

Karchham Division, HPPWD,

Karchham at Bhaba Nagar.

Draft Schedule of Quantity

Job-39

Estimated Cost:-

344499.00

Earnest Money:-

6900.00

Time:-

Two Months

Name of work:- R/R damages on Old H.T. road Tapri to Kanam Km. 0/0 to 20/720

Sub Head:- C/O R/wall at RD 16/440 to 16/455)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	25.16	346.00	Rupees Three Hundred Forty Six Only	Per cubic metre	8705.00
2	Providing and laying cement 1:6:12 (one cement six sand twelve graded stone aggregate 40mm (forty millimeter) nominal size for plain /reinforced concrete in open foundations complete as per drawings and technical specification clauses 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	3.87	4316.90	Rupees Four Thousand Three Hundred Sixteen and Ninety Paise Only	Per cubic metre	16706.00
3	Random rubble stone masonry in cement mortar 1:6 (one cement six sand) for structure like retaining walls, breast walls wing walls, toe walls, abutment and similar works etc. in all heights complete as per drawing and technical specification clauses 702, 704, 1202 & 1204 and curing complete including carriage of materials in all leads lifts as per the entire satisfaction and direction of Engineer-in-Charge.	56.18	5288.00	Rupees Five Thousand Two Hundred Eighty Eight Only	Per cubic metre	297080.00
4	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm (One hundred millimetre) dia PVC pipe extending through the full width of the structures with slope of 1 (v) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12.04 3.7 within all leads and lifts and as per direction of Engineer-in-charge.	20.00	305.00	Rupees Three Hundred Five Only	Each	6100.00
5	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-charge.	15.75	1010.00	Rupees One Thousand Ten Only	Per cubic metre	15908.00
				Total		344499.00

Handwritten: Total 344499.00

Executive Engineer,

Karcham Division,

HPPWD at Bhaba Nagar.

Draft Schedule of Quantity

Job-40

Estimated Cost:-
Earnest Money:-
Time:-

434659.00
8700.00
Two Months

Name of work:- R/R damages on Tapri Chollu Punang road Km 0/00 to 5/00
Sub Head:- C/O R/wall with C.C toe wall at RD 3/312 to 3/324.75)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	22.76	346.00	Rupees Three Hundred Forty Six Only	Per cubic metre	7875.00
2	Providing and laying cement 1:6:12 (one cement six sand twelve graded stone aggregate 40mm (forty millimeter) nominal size for plain reinforced concrete in open foundations complete as per drawings and technical specification clauses 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	5.42	4270.70	Rupees Four Thousand Two Hundred Seventy and Seventy Paises Only	Per cubic metre	23147.00
3	Random rubble stone masonry in cement mortar 1:6 (one cement six sand) for structure like retaining walls, breast walls wing walls, toe walls, abutment and similar works etc. in all heights complete as per drawing and technical specification clauses 702, 704, 1202 & 1204 and curing complete including carriage of materials in all leads lifts as per the entire satisfaction and direction of Engineer-in-Charge.	70.57	5246.30	Rupees Five Thousand Two Hundred Forty Six and Thirty Paises Only	Per cubic metre	370231.00
4	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-charge.	21.80	1030.30	Rupees One Thousand Thirty and Thirty Paises Only	Per cubic metre	22461.00
5	Construction of embankment with approved material obtained from borrow pits within all leads and lifts transporting to site, spreading, grading to required slope and compacting to meet requirement of table 300.1 and 300.2 as per technical specification clause 301.5 and as per the entire satisfaction and direction of Engineer-in-charge.	15.62	371.6	Rupees Three Hundred Seventy One and Sixty Paises Only	Per cubic metre	5804.00
6	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm (One hundred millimetre) dia PVC pipe extending through the full width of the structures with slope of 1 (v) : 20(H) towards drawing face complete as per	16.00	321.30	Rupees Three Hundred Twenty One and Thirty Paises Only	Each	5141.00
				Total		434659.00

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

202

Deadt Subtotal of Quantity added
to 8434659.00

Draft Schedule of Quantity

Job-41

Estimated Cost:- 233608.00
Earnest Money:- 4700.00
Time:- Two Months

a of work:- R/R damages on link road Rutrang bridge to Bonning Sarring Km 0/00 to 6/750
Head:-C/O R/wall at RD 3/130 to 3/138)

Description of item

Description of item	Qty.	Rate In Figure	In Words	Unit	Amount
Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	18.00	346.00	Rupees three hundred forty six only	Per cubic metre	6228.00
Providing and laying ceent 1:3:6 (one cement : six sand; twelve graded stone aggregate 40mm (forty millimeter) nominal size for plain /reinforced concrete in open foundations complete as per drawings and technical specification clauses 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	35.20	6051.10	Rupees sixthousand fifty one and paise ten only	Per cubic metre	212999.00
Supplying, fitting and placing TMT bar reinforcement in superstructure complete as per drawings and technical specifications Clauses 1000 and 1202 and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	149.01	96.51	Rupees five thousand two hundred eighty eight only	Per Kg	14381.00
				Total	233608.00

*Draft Schedule of Quantity approved
for Rs 233608/-*

Executive Engineer
Karchham Division,
MPPWD at Bhaba Nagar.

57

Draft Schedule of Quantity

Job-42

Estimated Cost:- 482311.00
Earnest Money:- 9700.00
Time:- Two Months

Work:- A/R & M/O KSC road Km 0/00 to 41/500

Head:- P/I G-III & repair of Pot holes between Km 15/00 to 16/00)

Description of item	Qty.	Rate	Unit		Amount
			In Figure	In Words	
Providing, laying, spreading and compacting stone aggregate of sizes 53-22.4 mm (fifty three to twenty two point four millimetres) to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN (eighty by hundred Kilo Newton) in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density grading-III by manual means as per technical Specification Clause 405 including carriage of material within all leads, lifts and other incidental charges and as per direction of Engineer-In-Charge.	90.00	995.50	Rupees Nine Hundred Ninety Five and Fifty Paises Only	Per Cubic metre	89595.00
Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause 1904 2.503 and 508.1 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	2300.62	170.70	Rupees One Hundred Seventy and Seventy Paises Only	Per square metre	392716.00
Total:-			482311.00		482311.00

*As per Schedule of Quantity
approved for Rs 482311/-*

Executive Engineer,
Karchham Division, HPPWD.,
Karchham at Bhaba Nagar.

Draft Schedule of Quantity

Job-43

Estimated Cost:-

191967.00

Earnest Money:-

3800.00

Time:-

One month

Name of work:-C/o jeepable road from Katgaon to Katgaon Kanda Km 0/00 to 5/500

Sub Head:- C/O B/wall at Km 0/643 to 0/555) Under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of slumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts, carriage of material and other incidentals.	28.56	346.00	Rupees Three Hundred Forty Six Only	Per cubic metre	9882.00
2	Providing and laying cement 1:6:12 (one cement : six sand: twelve graded stone aggregate 40mm (forty millimeter) nominal size for plain /reinforced concrete in open foundations complete as per drawings and technical specification clauses 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	3.24	4270.70	Rupees Four Thousand Two Hundred Seventy and Seventy Paise Only	Per cubic metre	13837.00
3	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for structure like retaining walls, breast walls wing walls, toe walls, abutment and similar works etc. in all heights complete as per drawing and technical specification clauses 702, 704, 1202 & 1204 and curing complete including carriage of materials in all leads lifts as per the entire satisfaction and direction of Engineer-in-Charge.	30.60	5246.30	Rupees Five Thousand Two Hundred Forty Six and Thirty Paise Only	Per cubic metre	160537.00
4	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm. (One hundred millimetre) dia PVC pipe extending through the full width of the structures with slope of 1 (v) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12.04, 3.7 within all leads and lifts and as per direction of Engineer-in-charge.	24.00	321.30	Rupees Three Hundred Twenty One and Thirty Paise Only	Each	7711.00
						191967.00

Handwritten signature
 Executive Engineer,
 Karchham Division,
 H.P.W.D. at Bhaba Nagar.

Job-47

414553.00

A3000/-

Two Months

Two Months

Dear Sir,
Schedule of quantities for total
of 154533 sq ft
Executive Engineers
Karnataka

Kardham Division.

HPDWD at Bhaba Nagar

Draft Schedule of Quantity

Job-45

Estimated Cost:-
Earnest Money:-
Time:-

473288.00
9500.00
Two Months

Name of work:-C/O Rail to mebar road Km 0/00 to 2/300

Sub Head:- FIC 5/2 mt wide from RD 1/060 to 1/080, C/O R/wall in wire crate at RD1/060 to 1/080) Under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Cutting in earth work in all depths and heights in hard rock with chiselling and wedging out of rock (where blasting is prohibited), or setting out to the required lines grades, side slopes, trimming of bottom and levels as shown on the drawing and as directed by by the Engineer-in-charge at site according to the HPPWD specification of 1990 volume-1 and sorting of useful and unuseful materials and stacking the useful material along road side which shall not be less than 14.58 cubic metre failing which recovery @ Rs. 300/- per cubic metre shall be effected and transportation of the un useful material for filling in roadway embankments for grade improvement and level to required grades and then disposing off all surplus excavated material in acquired width of the road or on approved dumping site through all modes of transportations including head load, animal loads or mechanical means along with its levelling and fine dressing and carriage of all labour machinery, materials, tools, equipments and safety measured and other incidentals necessary to complete the work by mechanical means and or labor (if any required complete as per the direction of Engineer-in-Charge). Any loss to the public and private property during the course of execution, and transportation of useful and un useful materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him to full extent complete in all respects and in all cases.	43.73	482.40	Rupees Four Hundred Eighty Two and Forty Paise Only	Per cubic metre	21095.00
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of slumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals	14.93	346.00	Rupees Three Hundred Forty Six Only	Per cubic metre	5166.00

3	Providing and laying hand mixing plain cement concrete M-15 (fifteen) grade nominal mix 1:2.5:5 (one cement : two and half sand : five graded stone aggregate 40 mm (forty millimetre) nominal size) in open foundations and plinths as per drawings and technical specification for rural roads clause 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge	12.15	6118.30	Rupees Six Thousand One Hundred Eighteen and Thirty Paises Only	Per cubic metre	74337.00
4	Supplying, fitting and placing TMT bar reinforcement in superstructure complete as per drawings and technical specifications Clauses 1000 and 1202 and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge	0.24354	102273.30	Rupees One Lacs Two Thousand Two Hundred Seventy Three and Thirty Paises Only	Per Tonne	24908.00
5	Providing and laying boulder apron laid in wire crates with 4 mm diameter G.I. wire conforming to IS-280 and IS-4826 in 100mmx 100mm (one hundred into one hundred millimetre) mesh (woven diagonally) including 10 % (ten percent) extra for laps and joints laid with stones boulders weighting not less than 25 kg. (twenty five kilogram) each as per drawing and technical specifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	93.75	3222.00	Rupees Three Thousand Two Hundred Twenty Two Only	Per cubic metre	302063.00
6	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-charge	34.73	1046.40	Rupees One Thousand Forty Six and Forty Paises Only	Per cubic metre	36336.00
7	Construction of Sub-grade and Earthen Shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 as per Technical Specification Clause 303.1 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	25.25	371.60	Rupees Three Hundred Seventy One and Sixty Paises Only	Per cubic metre	9383.00
					Total	473288.00

Draft schedule of quantity approved for 473288/-

Executive Engineer

Karchham Division, HPPWD,
Karchham at Bhada Nagar.