



Himachal Pradesh
Public Works Department

No.PW-BHNR-B&R/EA-I-Tender-NIT/2023-24- **9686-91**
To

Dated: - **05/02/24**

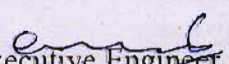
✓ The Executive Engineer,
IT Cell, HP.PWD; Shimla - 171002.

Subject: - Publication of Notice Inviting Tender.

Sir,

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

Encl: - As above


Executive Engineer,
Karchham Division
HP.PWD Bhabanagar

Copy forwarded to the following for favour of information & necessary action: -

1. Chief Engineer (SZ), HP.PWD; Shimla - 171002.
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.

Encl: - 1 No.


Executive Engineer,
Karchham Division
HP.PWD Bhabanagar.

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

***NOTICE INVITING TENDER**

Sealed Item rate tenders on PWD form No. 6&8 are invited by the **Executive Engineer, Karchham Division, HP.PWD; Bhabanagar** on behalf of the Governor H.P for the following works reach in the office of the Executive Engineer, Karchham Division, HP.PWD; Bhabanagar on **15.02.2024** up to **10:30 A.M** and will be opened on the same day at **11:00 A.M** in the presence of the intending Contractors or their authorized representatives. The tender form can be had from the office of the **Executive Engineer, Karchham Division, HP.PWD; Bhabanagar** against cash payment (Non Refundable) on dated **14.02.2024** during office hours **2:00 P.M to 5:00 P.M**. The application for obtaining the tender forms will be received on dated **14.02.2024** up to **1:00 P.M**. The earnest money in the shape of fresh FDR/NSC, duly pledged in favour of undersigned must be submitted with the application for issue of tender form. **The earnest money should be submitted separately for each work.** The copy of **valid enlistment** and renewal certificate shall be attached with application form. The ambiguous/telegraphic/conditional/fax/e-mail or by post tender will also not be entertained/considered in any case. The offer of the tender shall remain open 90 days from the date of opening of the tenders. The undersigned reserves the right to reject/cancel the tenders without assigning any reason: -

Sr. No.	Name of Work.	Estimated Cost (In Rs.).	Earnest Money.	Time limit.	Cost of form.	Eligibility of Contractor.
1	A/R & M/O Hot water spaing to village Nathpa road km 0/00 to 9/380 (SH:- R.O.F.D between km 6/200 to 6/230 and 9/415 to 9/445).	207579	4200	Two months	Rs.350/-	Class – "D".
2	A/R & M/O link road to Kafnoo to Yangpa km 0/00 to 5/00 (SH:- C/O B/wall at RD. 2/550 to 2/580)	412176	8300	Two months	Rs.350/-	Class – "D".
3	R/R damages on various roads under Karchham Division (SH:- C/O 200 feet TDR Bailey Bridge on alternate route to NH-05 from det Sungra to Wangtoo C/O Embankent for approach road and hiring of Hydraulic excavator).	490977	9900	One month	Rs.350/-	Class – "D".
4	C/O bridge Over Bhaba Khad at Kafnoo Dam side (SH:- C/O Embankment for approach road and hiring of Hydraulic excavator cum loader in working condition for launching of bridge).	298960	6000	One month	Rs.350/-	Class – "D".
5	C/O katgaon to Katgaon Kanda road Km 0/00 to 5/500 (SH:- C/O B/wall at Km 0/430 to 0/462.50)	472320	9500	Two months	Rs.350/-	Class – "D".
6	C/O brigde over Burcha Khad on Wangtoo Panvi road at RD. 2/810 (SH:- Geotechnical investigation and sub surface exploration by drilling bore hole at proposed location of Wangtoo side abutment and Panvi side abutment).	160000	3200	Fifteen days	Rs.350/-	Class – "D".
7	C/O bridge over Bhaba Khad at Kafnoo Distt. Kinnaur HP (SH:- Geotechnical investigation and sub surface exploration by drilling bore hole at proposed location of Kafnoo side abutment).	80000	1600	Fifteen days	Rs.350/-	Class – "D".
8	A/R & M/O to various Bailey bridge under P.I.U sub Division (SH:- P/A Painting of 80 feet DDR bailey bridge on Kafnoo Yangpa road at Km. 1/200, 160 feet bailey briage on Shango road over Bhaba Khad and Hiring of hydrolic excavator cum loader in working condition for removal of slips on Kafnoo Yangpa road between Km 0/00 to 5/00).	430776	8700	One month	Rs.350/-	Class – "D".

9	A/R & M/O to various Bailey bridge under P.I.U sub Division (SH:- P/A Painting of 120 feet DDR bailey bridge on Kafnoo Yangpa road at Km. 2/315, 130 feet DDR bailey bridge at Kafnoo dam side)	445838	8900	One month	Rs.350/-	Class – “D”.
10	C/O Kraba Surcho road Km 0/00 to 3/500 (SH:- C/O R/wall at Km. 1/130 to 1/138) Under TASP.	404749	8100	Two months	Rs.350/-	Class – “D”.
11	R/R damages on KSC road Km. 0/0 to 41/500 (SH:- Removal of slips/debris between Km. 30/500 to 33/300).	151870	3100	Fifteen days.	Rs.350/-	Class – “D”.
12	Repair and Maintenance of Govt. Sr. Sec. School Katgaon (SH:- P/F balance work of prepainted steel sheet roofing etc.)	114754	2300	One month	Rs.350/-	Class – “D”.
13	C/O Revenue Hut at Bhabanagar (SH:- P/A Oil bound distempering, painting, etc.)	155201	3200	One month	Rs.350/-	Class – “D”.
14	Repair of SDM residence damaged roof at Bhabanagar (SH:- Replacing of damaged steel truss etc.)	141145	2800	One month	Rs.350/-	Class – “D”.
15	C/O jeepable road from Choling to Rangle Km 0/00 to 2/200 (SH:-F/C 3/5 mtr. Wide road from km 0/270 to 0/435 and C/O R/wall in wire crate at RD 0/315 to 0/320 & 0/328 to 0/335.50)	497508	10000	Two months	Rs.350/-	Class – “D”.
16	R/R damages on Old HT road from Old Tapri to Janakpuri Km 0/00 to 2/500 (SH:- C/O R/wall in wire crates at RD 2/210 to 2/224 and R/wall in RR at RD 2/317 to 2/320.50)	488512	9800	Two months	Rs.350/-	Class – “D”.
17	R/R damages on Tapri (Choltu) Jani road Km 0/00 to 7/585 (SH:- C/O B/wall in wire crates at RD 7/212 to 7/259)	495549	10000	Two months	Rs.350/-	Class – “D”.
18	C/O G.S.S.S. Building at Chagaon Distt. Kinnaur (HP) (SH:- Removal of slips from the back side of the ongoing building and C/O PCC walls for muck dumping)	344735	6900	Two months	Rs.350/-	Class – “D”.
19	R/R damages on Tapri Choltu Punang road Km 0/0 to 5/000 (SH:- C/O B/wall in R/R masonry at RD 1/500 to 1/515)	370544	7500	Two months	Rs.350/-	Class – “D”.
20	R/R damages on link road Karchham Sapni Km 0/0 to 8/300 (SH:- C/O R/wall at RD. 7/236 to 7/251)	446209	9000	Two months	Rs.350/-	Class – “D”.
21	R/R damages on Tapri to Choling via Urni road Km 0/00 to 19/600 (SH:- C/O PCC raised B/wall from RD 3/968 to 3/988)	416908	8400	Two months	Rs.350/-	Class – “D”.
22	R/R damages on KSC road to Shong road Km 0/0 to 7/915 (SH:- C/O R/wall in wire crate with CC toe wall at RD. 3/409 to 3/425)	488304	9800	Two months	Rs.350/-	Class – “D”.
23	A/R & M/O Powari Telengpe road Km 0/0 to 5/00 (SH:- C/O R/wall at RD1/790 to 1/800 & PCC 1:4:8 edge wall on existing R/wall at RD 2/540 to 2/615 & 2/435 to 2/490)	490615	9900	Two months	Rs.350/-	Class – “D”.
24	A.R & M/O Tapri Choltu Punang road Km 0/0 to 5/00 (SH:- C/O R/wall at RD 3/080 to 3/091)	447431	9000	Two months	Rs.350/-	Class – “D”.
25	A/R & M/O link road Karchham Sapni Km 0/0 to 8/300 (SH:- C/O R/wall at RD. 7/251 to 7/266)	469775	9400	Two months	Rs.350/-	Class – “D”.
26	C/O link road to Village Thach road Km 0/0 to 3/500 (SH:- C/O R/wall at RD. 2/250 to 2/265)	498442	10000	Two months	Rs.350/-	Class – “D”.
27	A/R & M/O link road Ponda to Bari Km 0/00 to 5/200 (SH:- C/O B/wall to protect culvert at RD 3/100 to 3/109)	420831	8500	Two months	Rs.350/-	Class – “D”.

28	C/O jeepable road from Gurbale to Upper Kangos Km 0/00 to 0/800 (SH:- C/O R/wall at RD 0/270 to 0/273.15)	248959	5000	Two months	Rs.350/-	Class – “D”.
29	C/O link road Nichar to Wangto Km 0/00 to 4/240 (SH:- P/L Kharanja stone solling and C.Cone 1:3:6 between at RD.2/670 to 2/750 , 2/900 to 2/930, 3/100 to 3/160 and 3/575 to 3/620)	495071	9900	Two months	Rs.350/-	Class – “D”.
30	A/R & M/O link road Chaura to Majhgaon (Rupi) Km 0/00 to 27/050 (SH:- P/L Kharanja stone soling at RD 10/700 to 10/900 and 14/100 to 14/300)	455100	9100	Two months	Rs.350/-	Class – “D”.
31	M/T on link road to Village Nanspo to Upper Tranda road Km 0/0 to 3/500 (SH:- P/L kharanja soling at RD. 0/00 to 0/050, 0/090 to 0/315 and 2/690 to 2/735)	442840	8900	Two months	Rs.350/-	Class – “D”.
32	C/O link road from Bara Kamba mode to Sarti Nallah Km 0/00 to 0/700 (SH:- C/O R/wall in wire crates at RD 0/580 to 0/605)	485528	9800	Two months	Rs.350/-	Class – “D”.
33	C/O link road Grange Gradhey Km 0/00 to 2/900 (SH:- balance work of formation cutting 5/7 mtr wide road at RD 0/540 to 0/705)	458606	9200	Two months	Rs.350/-	Class – “D”.
34	A/R & M/O link road Village Ponda to Bari road Km 0/00 to 5/000 (SH:- C/O R/wall at RD. 0/250 to 0/271)	403457	8100	Two months	Rs.350/-	Class – “D”.
35	C/O link road Grange Gradhey Km 0/00 to 2/900 (SH:- C/O R/wall at RD. 0/045 to 0/075)	458282	9200	Two months	Rs.350/-	Class – “D”.
36	C/O link road from Chhota Kamba to Village Gharshu Km 0/00 to 2/930 (SH:- C/O B/wall at RD. 0/260 to 0/282 and 0/240 to 0/245)	400041	8000	Two months	Rs.350/-	Class – “D”.
37	A/R & M/O link road Chaura to Chhota Kamba Km 0/00 to 16/00 (SH:- C/O R/wall in wire crates at RD. 14/345 to 14/357.50)	492605	9900	Two months	Rs.350/-	Class – “D”.
38	C/O jeepable road from Bus stand Bari to Satkuting i/c C/O parking at Jatida Km 0/00 to 3/600 (SH:- C/O R/wall in wire crates at RD 2/435 to 2/458)	429985	8600	Two months	Rs.350/-	Class – “D”.
39	Improvement of link road to EMRS Nichar Km 0/0 to 1/600 (SH:- C/O B/wall at RD 0/805 to 0/815 and 0/815 to 0/823)	230682	4600	Two months	Rs.350/-	Class – “D”.
40	R/R damages on link road Chaura to Majhgaon (Rupi) Km 0/00 to 27/050 (SH:- C/O B/wall in wire crates at RD 15/285 to 15/305)	495215	9900	Two months	Rs.350/-	Class – “D”.
41	C/O link road from NH-05 To Forest Rest House Chaura Km 0/00 to 3/500 (SH:- C/O R/wall in wire crates at RD 0/075 to 0/095)	493073	9900	Two months	Rs.350/-	Class – “D”.
42	R/R damages on link road Chaura to Majhgaon (Rupi) Km 0/00 to 27/050 (SH:- C/O B/wall in wire crates at RD 11/090 to 11/100 and 11/135 to 11/155)	415887	8300	Two months	Rs.350/-	Class – “D”.
43	C/O link road from Nichar to Gradhey Via Puje Km 0/00 to 2/600 (SH:- C/O R/wall at RD 0/00 to 0/011.50)	494408	9900	Two months	Rs.350/-	Class – “D”.
44	C/O jeepable road from Jatida to Jilangpo Km 0/00 to 1/00 (SH:- C/O R/wall at RD 0/00 to 0/030)	408860	8200	Two months		
45	C/O link road from Bada Kamba Mode to Sarti Nallah Km 0/00 to 0/700 (SH:- C/O R/wall in wire crates at RD. 0/650 to 0/673)	446687	9000	Two months		

63	R/R damages on KSC Road due to flash flood on Tongtongche Nallah Km 0/00 to 41/500 (Sub Head:- Desilting of road Km 17/325 to 17/575)	252325	5100	Two months		
64	R/R damages on Tapri Choltu Punang road Km 0/0 to 5/000 (SH:- C/O R/wall at RD 4/592 to 4/607)	449421	9000	Two months		
65	R/R damages on Tapri to Choling via Urni road Km 0/00 to 19/600 (SH:- C/o R/wall at RD 4/570 to 4/593)	487868	9800	Two months		
66	C/O Ralli to mebar road Km 0/00 to 2/300 (Sub Head:- Regrading of road at RD 0/840 to 0/930 and C/O R/wall in wire crate at RD 0/015 to 0/075)	430588	8600	Two months		

GENERAL TERMS AND CONDITIONS: -

1. In case office happens to closed on any of the above mentioned dates, the tenders will be opened on the next working day at same time and venue.
2. The Contractor/firms are required to quote their rates clearly both in words as well as in figures, failing which tenders are likely to be rejected.
3. No person/persons shall be allowed to give the documents with regard to tender unless he/they hold/holds the power of attorney duly registered under law.
4. The tender of those Contractors who are registered under HP Central Sales Tax Act, 1969, GST and who have been cleared all the dues on account of tax will be entertained.
5. The competent authority on behalf of Governor of HP reserves the right to reject any or all the tenders received without assigning any reason.
6. Authorized Firms/Contractor approved by HPPWD Civil will participate in Specialized Job only.
7. Permanent Account Number (PAN).
8. EPF No. & GST No.
9. 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 conditional tenders or the tenders without earnest money shall be rejected.

Executive Engineer,
Karchham Division,
HP.PWD; Bhabanagar

Draft Schedule of Quantity

Job- I

Estimated Cost:-

207579.00

Earnest Money:-

4200/-

Time:-

Two Months

Name of work:-A/R & M/O on Hot Water Spring to village Nathpa road Km 0/0 to 9/380
Sub Head:-ROFD between 6/200 to 6/230 and 9/415 to 9/445)

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.	73.62	199.60	Rupees One Hundred and Sixty Nine and Sixty Paise Only	Per cubic metre	14695.00
2	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 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 105.52 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 fully compensated by him to full extent complete in all respects and in all cases.	294.48	655.00	Rupees six hundred fiftyfive and paise zero only	Per cubic metre	192884.00
					Total	207579.00

Handwritten notes:
Total 207579/-
for Rs 207579/-
for Rs 207579/-
for Rs 207579/-

Executive Engineer,

Karchham Division,

HPPWD., at Bhaba Nagar.

Executive Engineer,

Karchham Division,

HPPWD., at Bhaba Nagar.

Draft Schedule of Quantity

Job- 2

Estimated Cost:-
Earnest Money:-
Time:-

412176.00
8300/-
Two Months

Name of work:- A/R & M/O on linkroad from kafnoo To Yangpa Km. 0/00 to 5/00
Sub Head:-C/O B/ wall at RD 2/550 to 2/580)

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.	70.50	199.60	Rupees one hundred ninety nine and paise sixty only	Per cubic metre	14072.00
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.	9.00	285.00	Rupees two hundred eighty five only	Per cubic metre	2565.00
3	Proding and laying concrete for plain/reinforced cement concrete 1:4:8 (One cement islo four sand islo 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.	73.80	5251.20	Rupees five thousand two hundred fifty one and paise twenty only	Per cubic metre	387539.00
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 extneiding 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.	32.00	250.00	Rupees Two Hundred Fifty Only	Each	8000.00
					Total	412176.00

Ready for schedule of quantities
Approved for Rs 412176/-

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

Draft Schedule of Quantity

Job- 3

Estimated Cost:-

490977.00

Earnest Money:-

9900/-

Time:-

03 Months

Name of Work:- Restoration and rain damages on various roads under Karchham Division

SH:- C/O 200 feet Bailey Bridge on Alternate route to NH-05 from Det Sungra to Wangtoo, C/O embankment for approach road and Hiring of Hydraulic

Excavator cum loader in working condition for removal of slips / debries

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Hiring of hydraulic excavator cum loader in working condition having a 1.00(one) cubic metre bucket capacity for removal of slips/ snow glaciers and debries 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 excavation 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.	260.00	1250.00	Rupees one thousand two hundred fifty and paise nil only.	Hrs.	325000.00
2	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.	571.35	290.50	Rupees two hundred ninety and paise fifty only	Per cubic metre	165977.00
				Total:-		490977.00

*Draft Schedule of Quantity prepared
on 13.11.2019*

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

Draft Schedule of Quantity

Job- 4
 Estimated Cost:- 298960.00
 Earnest Money:- 6000/-
 Time:- 01 Months

Name of Work:-C/O bridge over Bhaba Khad at Kafnoo Dam Side

SH:- C/O embankment for approach road and Hiring of Hydraulic Excavator cum loader in working condition for launching of bridge .

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Hiring of hydraulic excavator com loader in working condition having a1.00(one) cubic metre bucket capacity for removal of slips/ snow glaciers and debries andtheir 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 excavation 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.	144.00	1250.00	Rupees one thousand two hundred fifty and paise nil only.	Per Hrs.	180000.00
2	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.	409.50	290.50	Rupees two hundred ninety and paise fifty only	Per cubic metre	118960.00
				Total		298960.00

*Draft schedule of quantity approved
 on 12.2.98*

Executive Engineer,
 Karchham Division,
 HPPWD at Bhaba Nagar.

Executive Engineer,
 Karchham Division,
 HPPWD at Bhaba Nagar.

Name of work:-C/O katgaon to Katgaon Kanda road Km 0/00 to 5/500

Sub Head:- C/O B/wall at Km 0/430 to 0/462.50)

Sr.	Description of item
-----	---------------------

Qty.

•

Rate

2

Unit

Amount

1001

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, blinding and finishing of the road to specified dimensions or as directed by the Engineer-in charge.

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.

Providing and laying ceent 16 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.

Random rubble 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

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.

Year	Quantity of Quantity appeared	Total
1972-73	192320	19

Executive Engineer:

Karchham Division.

HPPWD at Bhaba Nagar

DRAFT SCHEDULE OF QUANTITY

N.O.W:-		C/O Bridge over Burcha Khad on Wangtoo Panvi road at RD 2/810				Estimated cost:-	160000.00
SH:-		Geotechnical investigation and sub surface exploration by drilling bore hole at proposed location of Wangtoo side Abutment and Panvi side Abutment				Time Period :-	15 days
Sr. No.		Description of Item				Earnest Money:-	3200.00
		Quantity	Unit	Rate in Figure	Rate in Words	Amount	
1		40.00	Per Rmt.	4000.00	Rupees Four Thousand Only	160000.00	
							160000.00

Assistant Engineer
Project Sub - Division
HPPWD Bhabanagar

Executive Engineer
Barchham Division HP, PWD:
Barchham at Bhaba Nagar

DRAFT SCHEDULE OF QUANTITY						
N.O.W:-	Construction of bridge over Bhaba Khad at Kafhoo Distt. Kinnaur Himachal Pradesh			Estimated cost:-		80000.00
SH:-	Geotechnical investigation and sub surface exploration by drilling bore hole at proposed location of Kafhoo side abutment)			Time Period :-		15 days
Sr. No.	Description of Item			Earnest Money:-		1600 1000.00
		Quantity	Unit	Rate in Figure	Rate in Words	Amount
1	Carryout planing and monitoring geotechnical investigation and sub surface exploration at the proposed location of bridge by drilling bore hole as per IS 2800-1979 using precussion / catys/ RC ODEX/ method required for drilling in collapsible starts conglomerate casing, boulders, pebbles, sand braval, sile clay etc. including cost of attachment casing consumable stores, bits water, POL gravel pack in annular space etc. complete in the respect including preparing bore logs, preservation of samples collected, proposing founding level and safe bearing capacity at proposed founding level based on geotechnical investigation carried out as per HPPWD technical specification and as directed by the Engineer - Incharge including carriage of Material within all leads, lifts and other incidentals	20.00	Per Rm	4000.00	Rupees Four Thousand only	80000.00

Assistant Engineer
Project Sub - Division
HPPWD Bhabanagar

*Draft Schedule of Quantity
Approved for Rs 80000.00*

Executive Engineer
Baramulla Division HP. PWD.
Baramulla at Bhaba Nagar

Draft Schedule of Quantity

Job-8

Estimated Cost:- 430776.00
 Earnest Money:- 8700.00
 Time:- One month

Name of work:-A/R & M/O to various Bailey bridge under P.U sub Division

Sub Head:- P/A Painting of 80 feet DDR bailey bridge on Kafnoo Yangpa road at Km. 1/200, 160 feet bailey bridge on Shango road over Bhaba Khad and Hiring of hydraulic excavator cum loader in working condition for removal of slips on Kafnoo Yangpa road between Km 0/00 to 5/00)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Applying priming coat over new steel & other metal surfaces after & including preparing the surface by thoroughly cleaning oil grease dirt and other foreign matter and scoured with wire brushes fine steel wool scrapers and sand paper complete including carriage of materials within all leads and lifts complete in all respect.	1596.15	74.75	Rupees Seventy Four and Seventy Five Paisas Only	Per square metre	119312.00
2	Painting two coats (excluding priming coat) on new steel and other metal surface under coat with ready mixed paint brushing to give an even shade including cleaning the surface all dirt, dust and other foreign matter with ready mixed paint other than white including carriage of material, labour, tool and plants through all modes of transportation within all leads and lifts as per PWD specification and as per direction of the Engineer-in-charge.	1596.15	134.05	Rupees One Hundred Thirty Four and Five Paisas Only	Per square metre	213964.00
3	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.	78.00	1250.00	Rupees One Thousand Two Hundred Fifty Only	Per hour	97500.00
					Total	430776.00

draft schedule of quantity prepared
 on 13/03/2019

Executive Engineer,

Karchham Division,

HPPWD at Bhaba Nagar

Draft Schedule of Quantity

Job-9

498

Estimated Cost:- 445838.00

Earnest Money:- 8900.00

Time:- One month

Name of work:- A/R & M/O to various Bailey bridge under P. I. U sub Division

Sub Head:- P/A Painting of 120 feet DDR bailey bridge on Kafnoo Yangpa road at Km 2/315, 130 feet DDR bailey bridge at Kafnoo dam side)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Applying priming coat over new steel & other metal surfaces after & including preparing the surface by thoroughly cleaning oil grease dirt and other foreign matter and scoured with wire brushes fine steel wool scrapers and sand paper complete including carriage of materials within all leads and lifts complete in all respect	2135.24	74.75	Rupees Seventy Four and Seventy Five Paises Only	Per square metre	159609.00
2	Painting two coats (excluding priming coat) on new steel and other metal surface under coat with ready mixed paint brushing to give an even shade including cleaning the surface all dirt, dust and other foreign matter with ready mixed paint other than white including carriage of material, labour, tool and plants through all modes of transportation within all leads and lifts as per PWD specification and as per direction of the Engineer-in-charge.	2135.24	134.05	Rupees One Hundred Thirty Four and Five Paises Only	Per square metre	286229.00
					Total	445838.00

Draft Schedule of Quantity approved for Rs 445838/-

Executive Engineer

Karchham Division,

HPPWD at Bhaba Nagar.

Draft Schedule of Quantity

Job-10

Estimated Cost:- 404749.00 ✓
 Earnest Money:- 8100.00 ✓
 Time:- Two month ✓

Name of work:-C/O Kraba Surcho road Km 0/00 to 3/500
 Sub Head:- C/O R/wall at Km 1/130 to 1/138) 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.	43.44 ✓	285.00 ✓	Rupees Two Hundred Eighty Five Only	Per cubic metre	12380.00 ✓
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	4.24 ✓	4270.70 ✓	Rupees Four Thousand Two Hundred Seventy and Seventy Paises Only	Per cubic metre	18108.00 ✓
3	Random rubble 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.	68.40 ✓	5246.30 ✓	Rupees Five Thousand Two Hundred Forty Six and Paises Thirty Only	Per cubic metre	358847.00 ✓
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.	27.00 ✓	250.00 ✓	Rupees Nine Hundred Fifty Only	Each	6750.00 ✓
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.	9.12 ✓	950 ✓	Rupees Nine Hundred Fifty Only	Per cubic metre	8664.00 ✓
				Total		404749.00

Draft Schedule of Quantity
for Rs 404749/-
 Executive Engineer,
 Karchham Division,
 HPPWD at Bhaba Nagar

Draft Schedule of Quantity

Estimated Cost:- 151870.00
 Earnest Money:- 3100/-
 Time:- 15 Days

Name of work:- AVR & M/O on KSC road Km 0/00 to 41/500
 Sub Head:-Removal of slips/debries at KM 30/500 to 33/300)

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 machanical means including cutting and trimming of slops and disposal of cut materials complete with in all leads and lifts of materials and other incidentianls.	1047.38	145.00	Rupees one hundred forty five only	Per cubic metre	151870.00
			Total:-			151870.00

Decd & schedule of quantity approved
for Rs 151870/-

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

Draft Schedule of Quantity

Job-12

Estimated Cost:-

114754.00

Earnest Money:-

2300 00

Time:-

One month

of work:-Repair and Maintenance of Govt. Sr. Sec. School Katgaon

lead:- P/F balance work of preapainted steel sheet roofing etc.)

Description of item	Qty.	Rate		Unit	Amount
		In Figure	In Words		
Providing steel work of TATA, Sail or RASHTRIYA ISPAT welded in built up sections/hollow section trusses and framed work, including cutting hoisting and fixing in position and applying a priming coat of red lead paint in beams, joists, channels, angles tee flats with connection plates or angle cleats as in main and cross beams, hp and rafters, purlins connected to main rafters and the like and as per HPPWD specifications of 1990 volume-1 including carriage of material, labour, tool and plants through all modes of transportation within all leads and as per direction of the Engineer-in-charge.	1.47	11510.20	Rupees Eleven Thousand Five Hundred Ten and Twenty Paises Only	Per quintal.	16920.00
Providing and fixing 0.60mm thick preapainted steel sheet of TATA Durashine in roofing with hot dip metallic zinc coated sheets with the top coat of regular modified polyester (RNP) organic coating 20 microns over 5 microns primer coating including fixing with preapainted iron J or L hooks bolts and nuts 6 mm diameter with preapainted limpet and rubber washer complete with all accessories as required as per direction of the Engineer-in-charge.	59.77	1438.40	Rupees One Thousand Four Hundred Thirty Eight and Forty Paises Only	Per square metre	85973.00
Providing and fixing valleys 60cm over all 0.45mm. thick preapainted steel sheet of TATA Durashine in roofing with hot dip metallic zinc coated sheets with top coat of regular modified polyester organic coating of back coat of polister of 5 microns over 5 microns primer coating including fixing with preapainted iron fixed with J or L hooks bolts and nuts 6mm dia with preapainted G.I. limpet and bitumen washer complete with all accessories required as per direction of the Engineer-in-charge.	13.00	912.35	Rupees Nine Hundred Twelve and Thirty Five Paises Only	Per running meter	11861.00
				Total	114754.00

Dept. Schedule of Quantity prepared
 on 13/11/2014

Executive Engineer,
 Karchham Division,
 HPPWD at Bhaba Nagar.

Draft Schedule of Quantity

Job-13

Estimated Cost:-

155201.00

Earnest Money:-

3200.00

Time:-

One month

of work:-C/O Revenue Hut at Bhabanagar

ad:- P/A Oil bound distempering, painting, etc.)

Description of item	Qty.	Rate		Unit	Amount
		In Figure	In Words		
Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete as per HPPWD specification of 1990 volume-1 including carriage of material, labour tool and plants through all modes of transportation within all leads and lifts and as per direction of the Engineer-in-charge.	471.10	90.00	Rupees Ninety Only	Per square metre.	42399.00
Applying one coat of distemper primer of approved brand and manufacture on wall surfaces after thoroughly brushing the surface free from mortar droppings and other foreign matter and including preparing the surface even and sand papered smooth including carriage of material with in all leads, lifts and other incidentals complete in all respect.	471.10	55.00	Rupees Fifty Five Only	Per square metre.	25911.00
Distempering (Two coats) with oil bound washable distemper of approved brand and manufacture and of required shade on decorated wall surfaces to give an even shade over and including a priming coat with Alkali-resistance primer of approved brand and manufacture after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and sand papered smooth on walls including carriage of material with in all leads, lifts and other incidentals complete in all respect.	471.10	137.75	Rupees One Hundred Thirty Seven and Seventy Five Paisas Only	Per square metre.	64894.00
Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surfaces to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth including applying of putty as required for making the surface including carriage of material with in all leads, lifts and other incidentals complete in all respect.	151.70	145.00	Rupees One Hundred Forty Five Only	Per square metre.	21997.00
				Total	155201.00

Dead Weight Schedule of Quantity approved
 Rs 155201/-

Executive Engineer,

Karchham Division,

HPPWD at Bhaba Nagar.

Draft Schedule of Quantity

Job-14

Estimated Cost:-
Earnest Money:-
Time:-

141145.00
2800.00
One month

Name of work:-Repair of SDM residence ~~damaged roof~~ at Bhabanagar,
Sub Head:- Replacing of damaged steel truss etc.)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Providing steel work of TATA, Sail or RASHTRIYA ISPAT welded in built up sections/hollow section trusses and framed work, including cutting hoisting and fixing in position and applying a priming coat of red lead paint in beams, joists, channels, angles tee flats with connection plates or angle cleats as in main and cross beams, *hp and rafters, purlins connected to main rafters and the like and as per HPPWD specifications of 1990 volume-1 including carriage of material, labour, tool and plants through all modes of transportation within all leads and as per direction of the Engineer-in-charge.	7.04	11500.00	Rupees Eleven Thousand Five Hundred Only	Per quintal.	80960.00
2	Providing and fixing M.S. B.P. sheet 2mm thick in eaves board/ fascia/ soffit/ ceilings including cutting, fitting and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in-Charge (Base members of steel work shall be measured and paid separately) including carriage of material, labour, tool and plants through all modes of transportation within all leads and lifts and as per the direction of the Engineer-in-charge.	11.86	1800.00	Rupees One Thousand Eight Hundred Only	Per square metre	21348.00
3	Providing and fixing 0.60mm thick prepainted steel sheet of TATA Durashine in roofing with hot dip metallic zinc coated sheets with the top coat of regular modified polyester (RNP) organic coating 20 microns over 5 microns primer coating including fixing with prepainted iron J or L hooks bolts and nuts 6 mm diameter with prepainted limpet and rubber washer complete with all accessories as required as per direction of the Engineer-in-charge.	27.00	1438.40	Rupees One Thousand Four Hundred Thirty Eight and Forty Paises Only	Per square metre	38837.00
					Total	141145.00

Draft Schedule of Quantity approved for
RS 141145/- only

Executive Engineer,
Karcham Division,
HPPWD at Bhaba Nagar.

Estimated Cost:-

497508 00

Earnest Money:-

10000 00

Time:- Two Months

Time of work:- C/O jeepable road from Choling to Rangle Km 0/00 to 2/200

to Head:- F/C 3/5 mtr. Wide road from km 0/270 to 0/435 and C/O R/wall in wire crate at RD 0/315 to 0/320 & 0/328 to 0/335.50)

Sl. 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 229.90 cubic metre failing which recovery @ Rs. 300/- per cubic metre shall be effected and transportation of the un usefull 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 usefull 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	1000.07	368.12	Rupees Three Hundred Sixty Eight and Twelve Paises Only	Per cubic metre	368148.00
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	11.78	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	3357.00
3.	Providing and laying boulder apron laid in wire crates with 4 mm diametre G.I. wire confirming 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 130.1 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	39.6	3181.90	Rupees Three Thousand One Hundred Eighty One and Ninety Paises Only	Per cubic metre	126003.00
				Total		497508.00

Executive Engineer,

Karchham Division, HPPWD.,

Karchham at Bhaba Nagar.

SOS

Draft Schedule of Quantity

Job-16

Estimated Cost:- 488512.00
 Earnest Money:- 9800.00
 Time:- Two month

Name of work:- R/R damages on Old HT road from Old Tapri to Janakpuri Km 0/00 to 2/500
 Sub Head:- C/O R/wall in wire crates at Rd 2/210 to 2/224 and R/wall in RR at Rd 2/317 to 2/320.50

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	44.46	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	12671.00
3	Providing and laying plain cement concrete M-10 (ten) grade nominal mix 1:3:6 (one cement, three sand, six 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	10.50	6051.10	Rupees six thousand fifty one and paise ten only	Per cubic metre	63537.00
3	Random rubble 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	29.17	5288.00	Rupees Five Thousand Two Hundred Eighty Eight Only	Per cubic metre	154251.00
4	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 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	78.12	3181.90	Rupees Three Thousand Two Hundred Thirty Two Only	Per cubic metre	248570.00
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	10.00	250.00	Rupees Nine Hundred Fifty Only	Each	2500.00
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	7.35	950	Rupees Nine Hundred Fifty Only	Per cubic metre	6983.00
					Total	488512.00

Dept. Schedule of Quantity approved
for Rs 488512/-
 Executive Engineer,
 Karchinam Division,
 APPWD at Bhaba Nagar.

Draft Schedule of Quantity

Job-17

Estimated Cost:- 495549.00

Earnest Money:- 10000.00

Time:- Two month

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 crates at Rd 7/212 to 7/259)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Excavation in earlthwork 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.	116.88	199.60	Rupees One Hundred Ninety Nine and Paisas Sixty only	Per cubic metre	23329.00
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.	19.74	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	5626.00
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.	146.64	3181.90	Rupees Three Thousand Two Hundred Thirty Two Only	Per cubic metre	466594.00
					Total	495549.00

Draft Schedule of Quantity
Mr. Narsingh
 Executive Engineer,
 Karchham Division,
 HPPWD at Bhaba Nagar.

Job-19

370544.00
7500.00
Two month

Part & Serials of Quantity abstract	Total
for Rs 3 to 544 of	

Executive Engineer.

HPPWD at Bhaba Nagar

Draft Schedule of Quantity

Job-20

Estimated Cost:-

Earnest Money:-

Time:-

446209.00

9000 00

Two Months

work:- R/R damages on link road Karchham Sapni Km 0/0 to 8/300
 d:- C/O R/wall at RD 7/236 to 7/251)

Description of item	Qty.	Rate	In Words		Unit	Amount
			In Figure	In Words		
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.	27.75 ✓	285.00 ✓		Rupees Two Hundred Eighty Five Only	Per cubic metre	7909.00 ✓
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.	4.88 ✓	4316.90 ✓		Rupees Four Thousand Three Hundred Sixteen and Ninety Paises Only	Per cubic metre	21066.00 ✓
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.	74.25 ✓	5288.00 ✓		Rupees Five Thousand Two Hundred Eighty Eight Only	Per cubic metre	392634.00 ✓
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.	30.00 ✓	250.00 ✓		Rupees Two Hundred Fifty Only	Each	7500.00 ✓
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.	18.00 ✓	950.00 ✓		Rupees Nine Hundred Fifty Only	Per cubic metre	17100.00 ✓
		Total:-				446209.00

Devt Schedule of Quantity by 20/08/2020
 for Rs 446209/-

Executive Engineer

Karchham Division, HPPWD.

Karchham at Bhaba Nagar.

Draft Schedule of Quantity

Job-21

Estimated Cost:-

416908.00

Earnest Money:-

8400.00

Time:-

Two month

Name of work:- R/R damages on Tapri to Choling via Urni road Km 0/00 to 19/600

Sub Head:- C/O PCC raised B/wall from Rd 3/968 to 3/988)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Providing and laying plain cement concrete M-10 (ten) grade nominal mix 1:3:6 (one cement : three sand : six 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.	64.20	6002.00	Rupees six thousand two only	Per cubic metre	385328.00
2	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	250.00	Rupees Nine Hundred Fifty Only	Each	6500.00
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.	26.40	950	Rupees Nine Hundred Fifty Only	Per cubic metre	25080.00
				Total		416908.00

Verified & scheduled by Quantity Surveyor
IN Rs 416908/-
 Executive Engineer,
 Karchham Division,
 HPPWD at Bhaba Nagar.

Draft Schedule of Quantity

Job-22

Estimated Cost:-

488304.00

Earnest Money:-

9800.00

Time:-

Two month

Name of work:- R/R damages on KSC road to Shong road Km 0/0 to 7/915
Sub Head:- C/O R/wall in wire crate with CC toe at Rd. 3/409 to 3/425).

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.	27.73	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	7903.00
2	Providing and laying plain cement concrete M-10 (ten) grade nominal mix 1:3:6 (one cement: three sand: six 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.	35.65	6051.10	Rupees six thousand fifty one and paisas ten only	Per cubic metre	215722.00
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.	77.76	3222.00	Rupees Three Thousand Two Hundred Thirty Two Only	Per cubic metre	250543.00
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.	14.88	950	Rupees Nine Hundred Fifty Only	Per cubic metre	14136.00
					Total	488304.00

Dept. Schedule of Quantity repeated for Rs 488304 only

Executive Engineer,

Karchham Division,

HPPWD at Bhaba Nagar.

Draft Schedule of Quantity

Job-23

Estimated Cost:-

490615 00

Earnest Money:-

9900 00

Time:-

Two month

Name of work:-A/R & M/O on Powari Telenpe road Km 0/0 to 5/00

Sub Head:- C/O R/wall at Rd1/790 to 1/800 & P.C.C. 1 4 8 edge wall on existing R/wall at Rd 2/540 to 2/615 & 2/435 to 2/490)

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	11 50	285 00	Rupees Two Hundred Eighty Five Only	Per cubic metre	3278 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.	63 49	5289 60	Rupees five thousand Two Hundred eighty nine and paisas sixty Only	Per cubic metre	335837 00
3	Random rubble 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.	26 25	5288 00	Rupees Five Thousand Two Hundred Eighty Eight Only	Per cubic metre	138810 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 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.	12 00	250 00	Rupees Nine Hundred Fifty Only	Each	3000 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	10 20	950	Rupees Nine Hundred Fifty Only	Per cubic metre	9690 00
				Total	Total	490615.00

Deputy Schedule of Quantity
 for Rs 490615/-

Executive Engineer,

Karchham Division,

HPPWD at Bhaba Nagar

513

Draft Schedule of Quantity

Job-24

Estimated Cost:-

447431.00 ✓

Earnest Money:-

9000.00 ✓

Time:-

Two month ✓

Name of work:- A R & M/O Tapri Choltu Punang road Km 0/0 to 5/00 ✓

Sub Head:- C/O R/wall at Rd 3/080 to 3/091 ✓

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.	28.74 ✓	285.00 ✓	Rupees Two Hundred Eighty Five Only	Per cubic metre	8191.00 ✓
3	Providing and laying plain cement concrete M-10 (ten) grade nominal mix 1:3:6 (one cement : three sand : six 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.	25.08 ✓	6002.00 ✓	Rupees six thousand two only	Per cubic metre	150530.00 ✓
3	Random rubble 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.	52.87 ✓	5246.30 ✓	Rupees Five Thousand Two Hundred forty six and paises thirty Only	Per cubic metre	277372.00 ✓
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.	14.00 ✓	250.00 ✓	Rupees Nine Hundred Fifty Only	Each	3500.00 ✓
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.	8.25 ✓	950 ✓	Rupees Nine Hundred Fifty Only	Per cubic metre	7838.00 ✓
					Total	447431.00

Ready schedule of quantity approved
for Rs 447431.00

Executive Engineer,

Karchham Division,

H.P.W.D. at Bhaba Nagar.

Draft Schedule of Quantity

Job-25

Estimated Cost:-
Earnest Money:-
Time:-

469775.00

9400.00

Two Months

Work:- A/R & M/O link road Karchham Sapni Km 0/0 to 8/300
Head:- C/O R/wall at RD 7/251 to 7/266

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.	37.80	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	10773.00
2	Providing and laying ceent 16.12 (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.	6.75	4316.90	Rupees Four Thousand Three Hundred Sixteen and Ninety Paisas Only	Per cubic metre	29139.00
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.	76.80	5288.00	Rupees Five Thousand Two Hundred Eighty Eight Only	Per cubic metre	406118.00
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.	30.00	250.00	Rupees Two Hundred Fifty Only	Each	7500.00
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.	17.10	950.00	Rupees Nine Hundred Fifty Only	Per cubic metre	16245.00
			Total:-	469775.00		

Total:-

469775.00

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

Estimated Cost:-
Earnest Money:-
Time:-

498442.00
10000.00
Two Months

e of work:- C/O link road to Village Thach Road Km 0/0 to 3/500
Head:- C/O R/wall at RD 2/250 to 2/265)

No.	Description of item	Qty.	Rate In Figure	In Words	Unit	Amount
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.	12.75 ✓	285.00 ✓	Rupees Two Hundred Eighty Five Only	Per cubic metre	3634.00
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.	98.400 ✓	102.45 ✓	Rupees One Hundred Two and Forty Five Paisas Only	Per Kg	10081.00 ✓
3	Providing and laying plain cement concrete M-10 (ten) grade nominal mix 1:3:6 (one cement : three sand : six 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.	27.00 ✓	6051.10 ✓	Rupees Six Thousand Fifty One and Ten Paisas Only	Per cubic metre	163380.00 ✓
4	Providing and laying concrete for plain/reinforced cement concrete 1:4:8 (One cement : four sand : 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.	56.1 ✓	5289.60 ✓	Rupees Five Thousand Two Hundred Eighty Nine and Sixty Paisas Only	Per cubic metre	296747.00 ✓
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.	30.00 ✓	250.00 ✓	Rupees Two Hundred Fifty Only	Each	7500.00 ✓
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.	18.00 ✓	950.00 ✓	Rupees Nine Hundred Fifty Only	Per cubic metre	17100.00 ✓
			Total:-			498442.00

Draft Schedule of Quantity approved
Mr. R. S. 498442.00

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

516

Draft Schedule of Quantity

Job-27

Estimated Cost:- 420831.00

Earnest Money:- 8500.00

Time:- Two month

Name of work A/R & M/O link road Ponda to Bari Km 0/00 to 5/200

Sub Head:- C/O B/wall to protect culvert at Rd 3/100 to 3/109)

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.	8.88	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	2531.00
2	Proiding 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.	79.66	5251.20	Rupees five thousand Two Hundred fifty one and paisas twenty Only	Per cubic metre	418300.00
				Total		420831.00

Draft Schedule of Quantity
Rs 420831/-

Executive Engineer,

Karchham Division,

HPPWD at Bhaba Nagar.

Copy to file

517

Draft Schedule of Quantity

Job-28

Estimated Cost:-

248959.00

Earnest Money:-

5000.00

Time:-

Two month

Name of work:- C/O jeepable road from Gurbale to Upper Kangos Km 0/00 to 0/800

Sub Head:- C/O R/wall at Rd 0/270 to 0/273.15

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.	9.84	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	2804.00
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	27.56	5323.40	Rupees five thousand three Hundred twenty three and paisas forty	Per cubic metre	146713.00
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	9.00	250.00	Rupees Nine Hundred Fifty Only	Each	2250.00
4	Providing and laying boulder apron laid in wire crates with 4 mm diametre 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	42.97	2144.90	Rupees two Thousand one Hundred forty four and paisas ninety Only	Per cubic metre	92166.00
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.	5.29	950	Rupees Nine Hundred Fifty Only	Per cubic metre	5026.00
				Total		248959.00

Deaft Schedule of Quantity
Dr. R. S. 248959.00

Executive Engineer,

Karchham Division,

HPPWD at Bhaba Nagar.

Draft Schedule of Quantity

Job-29

Estimated Cost:- 495071.00
 Earnest Money:- 9900 00
 Time:- Two Months

Work:- C/O link road Nichar to Wangto Km 0/00 to 4/240

Head:-P/L Kharanja stone soling and C Cone 1:3:6 between at RD 2/670 to 2/750, 2/900 to 2/930, 3/100 to 3/160 and 3/575 to 3/620)

No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the required gradient and camber including spreading watering and rolling of binding materials moorum or earth etcetra complete as per HP PWD. specification 100mm (one hundred millimetre) spread thickness (finished work including materials and labour) including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	103.20	1796 20	Rupees One Thousand Seven Hundred Ninety Six and Twenty Paises Only	Per cubic metre	185368 00
2	Providing and laying plain cement concrete M-10 (ten) grade nominal mix 1:3:6 (one cement: three sand: six 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.	51.60	6002 00	Rupees Six Thousand Two Only	Per cubic metre	309703 00
				Total:-		495071.00

Draft Schedule of Quantity approved for Rs 495071/-

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

519

Draft Schedule of Quantity

Job-30

Estimated Cost:- 455100.00 ✓
Earnest Money:- 9100.00
Time:- Two Months

e of work:- A/R & M/O link road Chaura to Majhgaon (Rup.) Km 0/00 to 27/050
Head:- P/L Kharanja stone soling at RD 10/700 to 10/900 and 14/100 to 14/300) ✓

No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
2	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the required gradient and camber including spreading watering and rolling of binding materials moorum or earth etcetra complete as per HP.PWD specification. 100mm (one hundred millimetre) spread thickness (finished work including materials and labour) including carriage of material in all leads. lifts as per the entire satisfaction and direction of Engineer-in-charge.	222.00	2050.00	Rupees Two Thousand Fifty Only	Per cubic metre	455100.00
Total:-						455100.00

Deputy Schedule of Quantity appeared
for Rs 455100/- only

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

Draft Schedule of Quantity

Job-31

Estimated Cost:- 442840.00
 Earnest Money:- 8900.00
 Time:- Two Months

Work:- M/T on link road Village Nanspo to Upper Tranda road Km 0/0 to 3/500 (Head:-P/L kharanja soling at RD 0/00 to 0/050, 0/090 to 0/315 and 2/690 to 2/735)

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.	174.69	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	49787.00
2	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the required gradient and camber including spreading watering and rolling of binding materials medium or earth etcetra complete as per H.P.P.W.D. specification. 100mm (one hundred millimetre) spread thickness (finished work including materials and labour) including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	174.69	2250.00	Rupees Two Thousand Two Hundred Fifty Only	Per cubic metre	393053.00
Total:-						442840.00

*Draft Schedule of Quantity approved
 on Rs 442840.00*

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

Draft Schedule of Quantity

Job-32

Estimated Cost:-

485528 00 ✓

Earnest Money:-

9800 00 ✓

Time:-

Two month ✓

Name of work:-C/O link road from Bara Kamba mode to Sarti Nallah Km 0/00 to 0/700 ✓

Sub Head:- C/O R/wall in wire crates at Rd 0/580 to 0/605)

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.	78 00 ✓	285 00 ✓	Rupees Two Hundred Eighty Five Only	Per cubic metre	22230 00 ✓
4	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.	216 00 ✓	2144 90	Rupees two Thousand one Hundred forty four and paisas ninety Only	Per cubic metre	463298 00 ✓
				Total		485528 00 ✓

Dead of Schedule of Quantity by *[Signature]*
 for Rs 485528/-

Executive Engineer,

Karchham Division,

MPPWD at Bhaba Nagar.

Draft Schedule of Quantity

Job-33

Estimated Cost:- 458606 00
 Earnest Money:- 9200 00
 Time:- Two Months

Work:- C/O link road Grange Gradhey Km 0/00 to 2/900

Head:- Balance work of formation cutting 5/7 mtr wide road at RD 0/540 to 0/705)

Description of item	Qty.	Rate		Unit	Amount
		In Figure	In Words		
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 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 235.56 cubic metre failing which recovery @ Rs. 300/- per cubic metre shall be effected and transportation of the unuseful 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 unuseful materials shall be absolute responsibility of the contractor which shall have to be fully compensated by him to full extent complete in all respects and in all cases.	1963.04	233.62	Rupees Two Hundred Thirty Three and Sixty Two Paises Only	Per cubic metre	458606 00
Total:-					458606 00

Draft Schedule of Quantity prepared by
Rs 458606/-

Executive Engineer,

Karchham Division, HPPWD.,

Karchham at Bhaba Nagar.

Draft Schedule of Quantity

Job-34

Estimated Cost:-
Earnest Money:-
Time:-

403457.00
8100.00
Two Months

e of work:- A/R & M/O link road Village Ponda to Bari road Km 0/00 to 5/000
Head:- C/O R/wall at RD. 0/250 to 0/271)

No	Description of item	Qty.	Rate In Figure	In Words	Unit	Amount
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	2.52	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	718.00
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	79.200	103.45	Rupees One Hundred Three and Forty Five Paises Only	Per Kg	8193.00
3	Providing and laying plain cement concrete M-10 (ten) grade nominal mix 1:3:6 (one cement, three sand six 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	17.85	6002.00	Rupees Six Thousand Two Only	Per cubic metre	107136.00
4	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	49.98	5251.20	Rupees Five Thousand Two Hundred Fifty One and Twenty Paises Only	Per cubic metre	262455.00
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	28.00	250.00	Rupees Two Hundred Fifty Only	Each	7000.00
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.	18.90	950.00	Rupees Nine Hundred Fifty Only	Per cubic metre	17955.00
			Total:-			403457.00

Deadt Schedule of Quantity approved
for 15/05/2015

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

Draft Schedule of Quantity

Job-35

Estimated Cost:-

458282.00

Earnest Money:-

9200.00

Time:-

Two month

Name of work:-C/O link road Grange Gradhey Km 0/00 to 2/900

Sub Head:- C/O R/wall at Rd. 0/045 to 0/075)

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.	40.50	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	11543.00
4	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	140.40	3181.90	Rupees two Thousand one Hundred forty four and paisas ninety Only	Per cubic metre	446739.00
					Total	458282.00

Dealt Schedule of Quantity by *[Signature]*
[Signature] Rs 458282/-

Executive Engineer

Karchham Division,

HPPWD at Bhaba Nagar

Draft Schedule of Quantity

Job-36

Estimated Cost:- 400041.00
Earnest Money:- 8000.00
Time:- Two month

Name of work:-C/O link road from Chhola Kamba to Village Gharshu Km 0/00 to 2/930
Sub Head:- C/O B/wall at Rd 0/260 to 0/282 and 0/240 to 0/245

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.	120.31	199.60	Rupees One Hundred Ninety Nine and Paisas Sixty only	Per cubic metre	24014.00
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.	12.83	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	3657.00
3	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.	4.86	4270.70	Rupees Four Thousand Two Hundred Seventy and Seventy Paisas Only	Per cubic metre	20756.00
4	Random rubble 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.	65.83	5246.30	Rupees Five Thousand Two Hundred Forty Six and Paisas Thirty Only	Per cubic metre	345364.00
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.	25.00	250.00	Rupees Two Hundred Fifty Only	Each	6250.00
					Total	400041.00

Executive Engineer,
Karchham Division,
HP/PWD at Bhaba Nagar.

Draft Schedule of Quantity

Job-37

492605.00

9900.00

Two month

Estimated Cost:-

Earnest Money:-

Time:-

Name of work:-A/R & M/O link road Chhota Kamba Km 0/00 to 16/00
Sub Head:- C/O R/wall in wire crates at Rd. 14/345 to 14/357.50)

change to

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.	70.50	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	20093.00
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 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 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.	148.50	3181.90	Rupees Three Thousand one Hundred eighty one and paisas ninety Only	Per cubic metre	472512.00
					Total	492605.00

Draft Schedule of Quantity
approved for Bidding

Executive Engineer

Karchham Division,

HP PWD at Bhaba Nagar.

Draft Schedule of Quantity

Job-38

Estimated Cost:-

429985.00

Earnest Money:-

8600.00

Two month

Time:-

Name of work:-C/O jeepable road from Bus stand Bari to Salkuting i/c C/O parking at Jatida Km 0/00 to 3/600

Sub Head:- C/O R/wall in wire crates at Rd 2/435 to 2/458

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	29.64	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	8447.00
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 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.	132.48	3181.90	Rupees Three Thousand one Hundred eighty one and paisas ninety Only	Per cubic metre	421538.00
				Total		429985.00

Deputy Schedule of Quantity
approved by 429985.00

Executive Engineer

Karchham Division

HPPWD at Bhaba Nagar

Draft Schedule of Quantity

Job-39

Estimated Cost:- 230682.00
 Earnest Money:- 4600.00
 Time:- Two Months

Scope of work:- Improvement of link road to EMRS Nichar Km 0/0 to 1/600

Head:- C/O B/wall at RD 0/805 to 0/815 and 0/815 to 0/823

Description of item	Qty.	Rate		Unit	Amount
		In Figure	In Words		
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	33.94	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	9673.00
Providing and laying concrete for plain/reinforced cement concrete 1:4:8 (One cement: four sand: 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	41.04	5251.20	Rupees Five Thousand Two Hundred Fifty One and Twenty Paises Only	Per cubic metre	215509.00
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.	22.00	250.00	Rupees Two Hundred Fifty Only	Each	5500.00
Total:-					230682.00

Proof of Schedule of Quantity prepared
 for Rs 230682/-
 Executive Engineer,
 Karchham Division, HPPWD.,
 Karchham at Bhaba Nagar.

Draft Schedule of Quantity

Job-40

Estimated Cost:-

495215.00

Earnest Money:-

9900.00

Time:-

Two month

Work:- R/R damages on link road Chaura to Majhgaon (Rup.) Km 0/00 to 27/050

Head:- C/O B/wall in wire crates at RD 15/285 to 15/305

Description of item	Qty.	Rate		Unit	Amount
		In Figure	In Words		
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.	48.00	199.6	Rupees One Hundred Ninety Nine and Sixty Paises Only	Per cubic metre	9581.00
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	9.60	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	2736.00
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	158.40	3048.60	Rupees Three Thousand Forty Eight and Sixty Paises Only	Per cubic metre	482898.00
				Total	495215.00

Final schedule of quantity approved on 13.11.2014

Executive Engineer,

Karchham Division,

HPPWD at Bhaba Nagar.

Draft Schedule of Quantity

Job-41

Estimated Cost:-

493073.00

Earnest Money:-

9900.00

Time:-

Two month

e of work:-C/O link road from NH-05 To Forest Rest House Chaura Km 0/00 to 3/500

Head:- C/O R/wall in wire crates at RD 0/075 to 0/095

Description of item	Qty.	Rate		Unit	Amount
		In Figure	In Words		
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	35.70	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	10175.00
Providing and laying boulder apron laid in wire crates with 4 mm diametre 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.	158.40	3048.60	Rupees Three Thousand Forty Eight and Sixty Paises Only	Per cubic metre	482898.00
				Total	493073.00

*Draft Schedule of Quantity
approved for Rs 493073.00*

Executive Engineer,

Karchham Division,

HPPWD at Bhaba Nagar

Draft Schedule of Quantity

Job-42

Estimated Cost:-

415887.00

Earnest Money:-

8300.00

Time:-

Two month

Location of work:- R/R damages on link road Chaura to Majhgaon (Rupl) Km 0/00 to 27/050

Head:- C/O B/wall in wire crates at RD 11/090 to 11/100 and 11/135 to 11/155)

Description of item	Qty.	Rate		Unit	Amount
		In Figure	In Words		
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	17.60	199.6	Rupees One Hundred Ninety Nine and Sixty Paise Only	Per cubic metre	3513.00
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 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	129.60	3181.90	Rupees Three Thousand One Hundred Eighty One and Ninety Paise Only	Per cubic metre	412374.00
				Total	415887.00

Draft Schedule of Quantity of expenditure approved
for Rs 415887/-

Executive Engineer,

Karchham Division,

HPPWD at Bhaba Nagar.

Draft Schedule of Quantity

Job-43

Estimated Cost:- 494408.00
 Earnest Money:- 9900.00
 Time:- Two Months

e of work:- C/O link road from Nichar to Gradhey Via Puje Km 0/00 to 2/600

Head:- C/O R/wall at RD 0/00 to 0/011.50)

Description of item	Qty.	Rate		Unit	Amount
		In Figure	In Words		
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	32.60	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	9291.00
Providing and laying concrete for plain/reinforced cement concrete 1:4:8 (One cement:1st 0. four sand:1st 0. 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	91.43	5251.20	Rupees Five Thousand Two Hundred Fifty One and Twenty Paises Only	Per cubic metre	480117.00
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	250.00	Rupees Two Hundred Fifty Only	Each	5000.00
Total:-					494408.00

Draft Schedule of Quantity
for Rs 494408.00
 Executive Engineer,
 Karchham Division, HPPWD.,
 Karchham at Bhaba Nagar.

Draft Schedule of Quantity

Job-44

Estimated Cost:-

408860.00

Earnest Money:-

8200.00

Time:-

Two Months

Name of work:- C/O jeepable road from Jatida to Jilangpo Km 0/00 to 1/00

Head:- C/O R/wall at RD 0/00 to 0/030

No.	Description of item	Qty.	Rate In Figure	In Words	Unit	Amount
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.	13.50	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	3848.00
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	5.40	4270.70	Rupees Four Thousand Two Hundred Seventy and Seventy Paise Only	Per cubic metre	23062.00
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	71.66	5246.30	Rupees Five Thousand Two Hundred Forty Six and Thirty Paise Only	Per cubic metre	375950.00
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, 1204, 3.7 within all leads and lifts and as per direction of Engineer-in-charge.	24.00	250.00	Rupees Two Hundred Fifty Only	Each	6000.00
Total:-						408860.00

Design Schedule of quantities of Road for Rs 408860.00

Executive Engineer,

Karchham Division, HPPWD.,

Karchham at Bhaba Nagar.

Estimated Cost:-

446687.00

Earnest Money:-

9000.00

Time:-

Two month

of work:-C/O link road from Bada Kamba Mode to Sartli Nallah Km 0/00 to 0/700

Lead:- C/O R/wall in wire crates at RD. 0/650 to 0/673)

Description of item	Qty.	Rate		Unit	Amount
		In Figure	In Words		
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	71.75	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	20452.00
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 (Wire Crate issued by the department)	198.72	2144.90	Rupees Two Thousand One Hundred Forty Four and Ninety Paises Only	Per cubic metre	426235.00
				Total	446687.00

Draft Schedule of Quantity approved for Rs 446687/-

Executive Engineer,

Karchham Division,

HPPWD at Bhaba Nagar

Draft Schedule of Quantity

Job-46

Estimated Cost:-

494441.00

Earnest Money:-

9900.00

Time:-

Two month

e of work:-A/R & M/O link road Chaura to Chhola Kamba Km 0/00 to 16/00

Head:- C/O R/wall in wire crates at RD 14/945 to 14/965)

Description of item	Qty.	Rate		Unit	Amount
		In Figure	In Words		
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.	46.80	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	13338.00
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 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	151.20	3181.90	Rupees Three Thousand One Hundred Eighty One and Ninety Paises Only	Per cubic metre	481103.00
				Total	494441.00

Draft Schedule of Quantity approved
for Rs 494441/- def

Executive Engineer.

Karchham Division,

HPPWD at Bhaba Nagar.

Draft Schedule of Quantity

Job-47

492343.00
9900.00
Two Months

Estimated Cost:-
Earnest Money:-
Time:-

Work:- R/R damages on link road Chaura to Chhota Kamba Km 0/00 to 16/00
Head:- C/O R/wall at RD 14/375 to 14/385 and 14/660 to 14/670 and B/wall at RD. 14/650 to 14/660

No.	Description of item	Qty.	Rate In Figure	In Words	Unit	Amount
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.	32.86	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	9365.00
2	Providing and Laying concrete for plain/reinforced concrete 1:5:10 (one cement five sand ten graded stone aggregate 40 mm (forty millimetre) nominal size in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	96.00	4693.10	Rupees Four Thousand Six Hundred Ninety Three and Ten Paise Only	Per cubic metre	450538.00
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	25.20	950.00	Rupees Nine Hundred Fifty Only	Per cubic metre	23940.00
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 in 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	250.00	Rupees Two Hundred Fifty Only	Each	8500.00
Total:-			492343.00			492343.00

Deputy Engineer of Karchham Division, HPPWD.
Karchham at Bhaba Nagar.

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

Draft Schedule of Quantity

Job-48

Estimated Cost:-
Earnest Money:-
Time:-

231134.00
4700.00
Two Months

of work:- R/R damages on link road Chaura to Chhola Kamba Km 0/00 to 16/00
lead:- C/O R/wall at RD 13/763.50 to 13/770)

No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
	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	19.31 ✓	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	5503.00
	Providing and Laying concrete for plain/reinforced concrete 1:5:10 (one cement five sand ten graded stone aggregate 40 mm (forty millimetre) nominal size in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	44.75 ✓	4693.10	Rupees Four Thousand Six Hundred Ninety Three and Ten Paisas Only	Per cubic metre	210016.00
	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	11.70 ✓	950.00	Rupees Nine Hundred Fifty Only	Per cubic metre	11115.00
	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 in 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 ✓	250.00	Rupees Two Hundred Fifty Only	Each	4500.00
			Total:-			231134.00

Draft Schedule of Quantity approved
for Rs 231134/-

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

Draft Schedule of Quantity

Job-49

Estimated Cost:-
Earnest Money:-
Time:-

484968.00
9700.00
Two Months

Work:- A/R & M/O link road Ponda to Bari Km 0/00 to 5/200
Head:- C/O 2 mtr span RCC Slab Culvert at RD 3/100

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.	102.00	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	30494.00
2	Providing and laying plain cement concrete M-10 (ten) grade nominal mix 1:3:6 (one cement : three sand : six 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.	49.95	6002.00	Rupees Six Thousand Two Only	Per cubic metre	299800.00
3	Providing and laying concrete for plain/reinforced cement concrete 1:1.5:3 (M-25) (One cement : one and a half sand : three graded stone aggregate 20mm (twenty millimetre) nominal size) in super structure 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.	8.88	8200.00	Rupees Eight Thousand Two Hundred Only	Per cubic metre	72816.00
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	0.799	102450.00	Rupees One Lacs Two Thousand Four Hundred Fifty Only	Per tonne	81858.00
		Total:-				484968.00

Draft Schedule of Quantity

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

Draft Schedule of Quantity

Job-50

Estimated Cost:- 488694.00
 Earnest Money:- 9800.00
 Time:- Two Months

of work:- M/T on link road from Nanspo to Upper Tranda Km 0/00 to 3/500
 lead:- P/L C concrete 1.2.4 at RD 1/210 to 1/390)

No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
	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 mix curing complete within all leads, lifts carriage of material and other incidentials.	65.72	7436.00	Rupees Seven Thousand Four Hundred Thirty Six Only	Per cubic metre	488694.00
			Total:-			488694.00

Draft Schedule of Quantity approved for Rs 488694/-

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

Estimated Cost:-
Earnest Money:-
Time:-

231132.00
4600.00
One month

Work:- R/R damages on link road Chaura to Chhota Kamba Km 0/00 to 16/00
Head:- C/O R/wall at RD 13/885 to 13/891.50)

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	19.30	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	5501.00
2	Providing and Laying concrete for plain/reinforced concrete 1:5:10 (one cement five sand ten graded stone aggregate 40 mm (forty millimetre) nominal size in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	44.75	4693.10	Rupees Four Thousand Six Hundred Ninety Three and Ten Paisas Only	Per cubic metre	210016.00
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.	11.70	950.00	Rupees Nine Hundred Fifty Only	Per cubic metre	11115.00
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.	18.00	250.00	Rupees Two Hundred Fifty Only	Each	4500.00
			Total:-			231132.00

Head of Schedule of Quantity approved
pm 13 231132.00
 Executive Engineer,
 Karchham Division, HPPWD.,
 Karchham at Bhaba Nagar.

Draft Schedule of Quantity

Job-52

Estimated Cost:- 77617.00
Earnest Money:- 1600.00
Time:- One month

of work:- Improvement of link road Ponda to Bari Km 0/00 to 5/200
Road:- P/L Kharanja stone soling and C. C pavement at RD 0/250 to 0/272)

No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
	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	17.00	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	4845.00
	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the required gradient and camber including spreading watering and rolling of binding materials moorum or earth etcetra complete as per HP.PWD. specification. 100mm (one hundred millimetre) spread thickness (finished work including materials and labour) including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	17.00	1650.00	Rupees One Thousand Six Hundred Fifty Only	Per cubic metre	28050.00
	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 mix curing complete within all leads, lifts carriage of material and other incidentals	6.60	6776.10	Rupees Six Thousand Seven Hundred Seventy Six and Ten Paises Only	Per cubic metre	44722.00
				Total:-		77617.00

Draft Schedule of Quantity
approved for Rs 77617/-

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

Draft Schedule of Quantity

Job-53

Estimated Cost:- 490644.00
 Earnest Money:- 9800.00
 Time:- Two Months

Line of work:- C/o link road to Panpo Kanda Km 0/00 to 6/00
 Head:- F/C 3/5 mtr wide road at Km 1/075 to 1/195)

Description of item	Qty.	Rate		Unit	Amount
		In Figure	In Words		
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 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 308.67 cubic metre falling which recovery @ Rs. 300/- per cubic metre shall be effected and transportation of the un usefull 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 usefull 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	1446.90	339 10	Rupees Three Hundred Thirty Nine and Ten Paisas Only	Per cubic metre	490644.00
Total:-					490644.00

Total:-

490644.00

Executive Engineer,

Karchham Division, HPPWD.,

Karchham at Bhaba Nagar.

Draft Schedule of Quantity

Job-54

Estimated Cost:- 410349.00

Earnest Money:- 8200.00

Time:- Two Months

Name of work:- C/O Jeepable road from Choling to Rangle Km 0/00 to 2/200

Head:- F/C 3/5 mtr. Wide road from km 0/450 to 0/540 and C/O R/wall at RD 0/525 to 0/545 and B/wall at RD 0/525 to 0/540)

Description of item	Qty.	Rate		Unit	Amount
		In Figure	In Words		
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 the Engineer-in-charge at site according to the HPPWD specification of 1990 volume-1 and sorting of useful and unuseful materials and slacking the useful material along road side which shall not be less than 65.54 cubic metre falling which recovery @ Rs. 300/- per cubic metre shall be effected and transportation of the unuseful 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 unuseful materials shall be absolute responsibility of the contractor which shall have to be fully compensated by him to full extent complete in all respects and in all cases.	322.38 ✓	341.14 ✓	Rupees Three Hundred Forty One and Fourteen Paises Only	Per cubic metre	109978.00 ✓
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.	25.04 ✓	285.00 ✓	Rupees Two Hundred Eighty Five Only	Per cubic metre	7136.00 ✓
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.	7.54 ✓	4270.70	Rupees Four Thousand Two Hundred Seventy and Seventy Paises Only	Per cubic metre	32201.00 ✓
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.	45.65 ✓	5246.30 ✓	Rupees Five Thousand Two Hundred Forty Six and Thirty Paises Only	Per cubic metre	239494.00 ✓

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 6.14.709.12.04.3.7 within all leads and lifts and as per direction of Engineer-in-charge.	36.00	250.00	Rupees Two Hundred Fifty Only	Each	900
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.	13.20	950.00	Rupees Nine Hundred Fifty Only	Per cubic metre	1254
Total:-						41034

Back filling of abutment & retaining wall approved
Rs 41034/-

[Signature]
 Executive Engineer,
 Karchham Division, HPPWD,
 Karchham at Bhaba Nagar.

Sup

Job No-55

Draft Schedule Of Quantity

Estimated Cost :- 470040.00

Earnest Money:- 9500/- only

Time:- 15 Days

Name Of work:- A/R and M/O various roads under karchham Division HP PWD Bhabanagar.

Sub Head:- Supplying and stacking 5th Kilometer stones, ordinary kilometer stone and 200 m stone.

S.No	Description Of Items	Qty.	Rate		Unit	Amount
			In figer	In Words		
1	Supplying and stacking of Reinforced cement concrete M15 grade 5th kilometer stone of standard design as per IRC:8 as per drawing and technical Specification clause 1703 etc in all leads and lifts and as per the direction of engineer in charge	5 00	3400.00	Rupees Three thousand and four hundred only	Per Nos	17000.00
2	Supplying and stacking of Reinforced cement concrete M15 grade ordinary kilometer stone of standard design as per IRC:8 as per drawing and technical Specification clause 1703 etc in all leads and lifts and as per the direction of engineer in charge	60 00	1874.00	Rupees One Thousand eight hundred seventy four only	Per Nos	112440.00
3	Supplying and stacking of Reinforced cement concrete M15 grade 200 meter stone of standard design as per IRC:8 as per drawing and technical Specification clause 1703 etc in all leads and lifts and as per the direction of engineer in charge	650 00	524.00	Rupees Five hundred and twenty four only	Per Nos	340600.00
						Rs. 470040.00

Devt Schedule of Quantity for
approximate for Rs 470040/-

Executive Engineer
Karchham Division
HP PWD at Bhabanagar

Draft Schedule of Quantity

Job-56

Estimated Cost:- 283086.00
 Earnest Money:- 5700.00
 Time:- Two month

Head:- C/O Rwall in wire crate at RD 7/315 to 7/335)

Description of item	Qty.	Rate		Unit	Amount
		In Figure	In Words		
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.	34.80 ✓	285.00 ✓	Rupees Two Hundred Eighty Five Only	Per cubic metre	9918.00 ✓
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	90.00 ✓	3035.20 ✓	Rupees Three Thousand Thirty Five and Twenty Paises Only	Per cubic metre	273168.00 ✓
				Total	283086.00

*Accepted Schedule of Quantity
 appended on Rs 283086/-*

Executive Engineer,
 Karchham Division,
 HPPWD at Bhaba Nagar

Draft Schedule of Quantity

Job-57

Estimated Cost:-
Earnest Money:-
Time:-

481238.00
9600.00
Two Months

e of work:- R/R damages on link road Chaura to Chhota Kamba Km 0/00 to 16/00
Head:- C/O R/wall at RD 13/870 to 13/883.50

No.	Description of item	Qty.	Rate In Figure	In Words	Unit	Amount
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.	40.10	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	11429.00
2	Providing and Laying concrete for plain/reinforced concrete 1:5:10 (one cement:five sand:ten graded stone aggregate 40 mm (forty millimetre) nominal size in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	92.95	4693.10	Rupees Four Thousand Six Hundred Ninety Three and Ten Paisas Only	Per cubic metre	436224.00
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.	24.30	950.00	Rupees Nine Hundred Fifty Only	Per cubic metre	23085.00
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.	42.00	250.00	Rupees Two Hundred Fifty Only	Each	10500.00
Total:-						481238.00

*Draft Schedule of Quantity
approved for Rs 481238.00*

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

549

Draft Schedule of Quantity

Job-58

Estimated Cost:- 98830.00
 Earnest Money:- 2000.00
 Time:- One month

Work:- A/R & M/O link road to village Nichar road to village Sungra Km 0/00 to 1/600
 Head:- C/c R/wall and parking place at RD 1/180 80 to 1/185 60)

Description of item	Qty.	Rate		Unit	Amount
		In Figure	In Words		
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.	6.52	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	1858.00
Providing and laying concrete for plain/reinforced cement concrete 1:4:8 (One cement to four sand to 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.	17.66	5251.20	Rupees Five Thousand Two Hundred Fifty One and Twenty Paises Only	Per cubic metre	92736.00
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.	6.00	250.00	Rupees Two Hundred Fifty Only	Each	1500.00
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.	2.88	950.00	Rupees Nine Hundred Fifty Only	Per cubic metre	2736.00
Total:-					98830.00

Deft Schedule of Quantity
 approved by Rs 98830/-

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

Draft Schedule of Quantity

Job-59

Estimated Cost:-
Earnest Money:-
Time:-

308072.00
6200.00
Two Months

Name of work:- R/R damages on various roads Under PIU Sub Division
Sub Head:- C/O Yangpa-II side abutment in place of damaged abutment of foot bridge over Bhaba Khad near Karsim)

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	13.78	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	3927.00
2	Providing steel work of TATA, SAIL or RASHTRIYA ISPAT welded in built up sections/ hollow section trusses and framed work, including cutting hoisting and fixing in position and applying a priming coat of red lead paint in beams, joists, channels, angles tee flats with connection plates or angle cleats as in main and cross beams, hp and rafters, purlins connected to main rafters and the like and as per HPPWD specifications of 1990 volume-1 including carriage of material, labour, tool and plants through all modes of transportation within all leads and as per direction of the Engineer-in-charge	4.59	11510.20	Rupees Eleven Thousand Five Hundred Ten and Twenty Paises Only	Per quintal	52832.00
3	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	0.98	4170.70	Rupees Four Thousand One Hundred Seventy and Seventy Paises Only	Per cubic metre	4066.00
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	14.00	5106.10	Rupees Five Thousand One Hundred Six and Ten Paises Only	Per cubic metre	71485.00
5	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 mix curing complete within all leads, lifts carriage of material and other incidentals.	23.81	6675.40	Rupees Six Thousand Six Hundred Seventy Five and Forty Paises Only	Per cubic metre	158941.00
6	Providing and laying concrete for plain/reinforced cement concrete 1:4:8 (One cement : four sand : 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	0.94	5140.10	Rupees Five Thousand One Hundred Forty and Ten Paises Only	Per cubic metre	4832.00

7	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	12.62	950.00	Rupees Nine Hundred Fifty Only	Per cubic metre	11989.00
					Total	308072.00

Deduct schedule of
 for Rs 308072.00
 quantity of items

Executive Engineer,
 Karchham Division,
 HPPWD at Bhaba Nagar.

Draft Schedule of Quantity

Job-60

Estimated Cost:-

442231.00

Earnest Money:-

8900.00

Time:-

Two Months

Work:- R/R damages on link road to village Yulla Km 0/00 to 2/835

ad:- C/O R/wall with W Metal beam crash barrier at RD 0/245 to 0/260)

Description of item	Qty.	Rate		Unit	Amount
		In Figure	In Words		
Birth work in excavation for structures as per drawing and technical specifications clause 305.1 including putting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal to 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	21.94	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	6253.00
Providing and laying plain cement concrete M-10 (ten) grade nominal mix 1:3:6 (one cement three sand six 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.	15.12	6051.10	Rupees Six Thousand Fifty One and Ten Paise Only	Per cubic metre	91493.00
Random rubble stone masonry in cement mortar 1:6 (one cement six sand) for structure like retaining walls, east 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.	40.75	5288.00	Rupees Five Thousand Two Hundred Eighty Eight Only	Per cubic metre	215486.00
Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall 100mm (One hundred millimetre) dia PVC pipe extending through the full width of the structures with slope 1 in 10 (v) : 20(H) towards drawing face complete as per drawing and technical specification clause 4.709, 12.04.3.7 within all leads and lifts and as per direction of Engineer-in-Charge	20.00	250.00	Rupees Two Hundred Fifty Only	Each	5000.00
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	13.50	950.00	Rupees Nine Hundred Fifty Only	Per cubic metre	12825.00
Providing and erecting a "W" Metal Beam Crash Barrier comprising of 3mm thick corrugated sheet metal beam guard rail on above road/ ground level fixed on ISMC series channel vertical posts 150x75x5mm thick spaced 2.00 metre centre to centre 1.80 metre high 1.10 metre below ground/ road level all steel parts and fittings to be galvanised by hot deep process, fittings to conform to IS: 1364, metal beam guard rail to be fixed on the vertical posts with a spacer of channel section 75x5mm, 330mm long complete as per clause 810 within all leads and lifts carriage of material and other incidentals and as per the direction of Engineer in charge	28.00	3970.50	Rupees Three Thousand Nine Hundred Seventy and Fifty Paise Only	Per Running metre	111174.00
				Total	442231.00

Draft Schedule of Quantity
approved for 13.08.23

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

Draft Schedule of Quantity

Job-61

Estimated Cost:-
Earnest Money:-
Time:-

390800.00
7800.00
Two month

Work:- C/O jeepable road from Katgoan to Katgoan Kanda Km 0/00 to 5/500
Head:- C/O R/wall in wire crate at RD 1/980 to 2/00)

Description of item	Qty.	Rate		Unit	Amount
		In Figure	In Words		
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	40.00	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	11400.00
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	125.00	3035.20	Rupees Three Thousand Thirty Five and Twenty Paises Only	Per cubic metre	379400.00
				Total	390800.00

Draft schedule of quantity for Rs 390800/- up to 12/12/2012

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

553

Draft Schedule of Quantity

Job-62

Estimated Cost:-

417597.00

Earnest Money:-

8400.00

Time:-

Two Months

of work:- R/R damages on Kuppa to Palica Sariya road due flash flood on Kamroo Nallah Km 0/00 to 5/00

lead:- Desilting of road Km 0/00 to 0/500)

Description of item	Qty.	Rate		Unit	Amount
		In Figure	In Words		
Desilting of road by machanical means including cutting and trimming of slops and disposal of cut materials complete with in all leads and lifts of materials and other incidentianls.	2860 25	146.00	Rupees One Hundred Forty Six Only	Per cubic metre	417597.00
Total:		417597.00			417597.00

Executive Engineer,

Karchham Division, HPPWD.,

Karchham at Bhaba Nagar.

554

Draft Schedule of Quantity

Job-63

Estimated Cost:-
Earnest Money:-
Time:-

252325.00
5100.00
Two Months

to
e of work:- R/R damages on KSC Road due flash flood on Tonglongche Nallah Km 0/00 to 41/500
Head:- Desilting of road Km 17/325 to 17/575)

Description of item	Qty.	Rate		Unit	Amount
		In Figure	In Words		
Desilting of road by mechanical means including cutting and trimming of slops and disposal of cut materials complete with in all leads and lifts of materials and other incidentials	1728.25	146.00	Rupees One Hundred Forty Six Only	Per cubic metre	252325.00
Total:-		252325.00			252325.00

Desilting of road by mechanical means including cutting and trimming of slops and disposal of cut materials complete with in all leads and lifts of materials and other incidentials

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

Draft Schedule of Quantity

Job-64

Estimated Cost:-
Earnest Money:-
Time:-

449421.00
9000.00
Two Months

of work:- R/R damages on Tapri Chollu Punang road Km 0/0 to 5/000
Lead:- C/O R/wall at RD 4/592 to 4/607

No.	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.	21.38	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	6093.00
	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.	7.50	4270.70	Rupees Four Thousand Two Hundred Seventy and Seventy Paises Only	Per cubic metre	32030.00
	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.	75.00	5246.30	Rupees Five Thousand Two Hundred Forty Six and Thirty Paises Only	Per cubic metre	393473.00
	Providing weep holes in brick masonry/stone masonry/plain/reinforced concrete abutment wing wall return wall with 100mm (One hundred millimeter) 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	250.00	Rupees Two Hundred Fifty Only	Each	5000.00
	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.	13.50	950.00	Rupees Nine Hundred Fifty Only	Per cubic metre	12825.00
	Total					449421.00

Total

449421.00

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

Draft Schedule of Quantity

Job-65

Estimated Cost:- 487868 00
 Earnest Money:- 9800 00
 Time:- Two Months

e of work:- R/R damages on Tapri to Choling via Umi road Km 0/00 to 19/600
 Head:-C/o R/wall at RD 4/570 to 4/593

No.	Description of item	Qty.	Rate In Figure	In Words	Unit	Amount
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.	37.94	285 00	Rupees Two Hundred Eighty Five Only	Per cubic metre	10813 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.	8.64	4270 70	Rupees Four Thousand Two Hundred Seventy and Seventy Paises Only	Per cubic metre	36899 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.	79.46	5246 30	Rupees Five Thousand Two Hundred Forty Six and Thirty Paises Only	Per cubic metre	416871 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 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.	35.00	250 00	Rupees Two Hundred Fifty Only	Each	8750 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.	15.30	950 00	Rupees Nine Hundred Fifty Only	Per cubic metre	14535 00
						487868.00

Total of Schedule of Quantity
 approved on Rs 487868/-

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

Estimated Cost:- 430588.00
 Earnest Money:- 8600.00
 Time:- Two Months

Line of work:- C/O Ralli to mebar road Km 0/00 to 2/300

Head:- Regrading of road at RD 0/840 to 0/930 and C/O R/wall in wire crate at RD 0/015 to 0/075)

Description of item	Qty.	Rate		Unit	Amount
		In Figure	In Words		
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 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 75 80 cubic metre failing which recovery @ Rs. 300/- per cubic metre shall be effected and transportation of the un usefull 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 usefull 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.	360.00	346.74	Rupees Three Hundred Forty Six and Seventy Four Paises Only	Per cubic metre	124826.00
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.	12.98	285.00	Rupees Two Hundred Eighty Five Only	Per cubic metre	3699.00
Providing and laying boulder apron laid in wire crates with 4 mm diameter G.I. wire confirming 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.	93.75	3222.00	Rupees Three Thousand Two Hundred Twenty Two Only	Per cubic metre	302063.00
Don't schedule if available approved for Total 430588/-					430588.00

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