



**Himachal Pradesh
Public works Department**

NO: PW- BHNR-B&R-EA-1-Tender/2023-
To,

3597-3606

Dated:-

11-8-2023

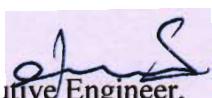
The Executive Engineer,
IT Cell HP.PWD Shimla-2.

Subject: - Publication of Notice Inviting Tender.

Sir,

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

Yours Faithfully,


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

DA: - As above.

Copy to following for information & necessary action.

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

DA: - 1 No.


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

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**
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NOTICE INVITING TENDERS

The Executive Engineer, Karchham Division, H.P.P.W.D. Bhabanagar District Kinnaur Pin-172115 invite Item rate tenders in sealed cover on the prescribed forms from the eligible Contractors on 23.08.2023 and shall be opened on the same day at 11.00AM. in the presence of intending contractors or their authorized representatives who wish to be present at the time.

Sr. No	Name of work	Estimated cost	Earnest money	Time	Cost of form
1	R/R damages on jeepable road from Ramni Bridge to village Ramni Km 0/00 to 5/525 (Sub Head:- C/O B/wall in wire crate at RD 2/729 to 2/744)	479637	9600	Two months	350/-
2	R/R damages on Wangtoo Kafnoo road Km 0/00 to 20/00 (Sub Head:- C/O P.C.C toe wall to strengthening the existing R/Wall at RD 13/170 to 13/181.50)	284933	5700	One month	350/-
3	R/R damages on Karchham Sapni road Km 0/00 to 8/300 (Sub Head:- C/O B/wall at RD 5/055 to 5/070)	393265	7900	Two months	350/-
4	C/o link road to village Thach Km 0/00 to 3/500 (Sub Head:- C/O R/wall at RD 0/260 to 0/275 and B/wall and R/wall in wire crate at RD 2/210 to 2/225 and 2/080 to 2/090) Under TASP	497665	10000	Two months	350/-
5	C/o Chagoan to Chagoan Sarring road Km 0/00 to 8/00 (Sub Head:- C/O R/wall at RD 5/820 to 5/832)	479861	9600	Two months	350/-
6	R/R damages on KSC road Km 0/00 to 41/500 (Sub Head:- C/O protection wall for abutment of bailey bridge at RD 22/200 at Sangla Side)	488546	9800	Two months	350/-
7	R/R damages on various roads under PIU Sub-Division (Sub Head:- Hiring of Excavator cum loader in working condition for Removal of slips/boulder/Debris at various roads under PIU Sub Division)	211703	4300	One month	350/-
8	R/R damages on Karchham Sapni road Km 0/00 to 8/300 (Sub Head:- C/O R/wall at RD 5/170 to 5/185)	491207	9900	Two months	350/-
9	C/O link road from Nanspo village to upper Tranda Km 0/00 to 3/500 (Sub Head:- C/O R/wall and culverts 600 mm dia hume pipe culvert at RD 2/708 to 2/720 and 2/735 to 2/745) Under TASP	444780	8900	Two months	350/-
10	R/R damages on jeepable road to village Bai Km 0/00 to 5/500 (Sub Head:- C/O PCC toe wall and R/wall in wire crate at RD 0/600 to 0/608.50)	484949	9700	Two months	350/-
11	R/R damages on Kafnoo Yangpa road Km 0/00 to 5/00 (Sub Head:- C/O R/wall cum B/wall at RD 1/100 to 1/120)	489840	9800	Two months	350/-
12	C/o balance work of notrable road from Jani (chipurche) Ramni (Fochitang) Km 0/00 to 1/480 (Sub Head:- C/O dumping site for disposal of muck at RD 0/670 to 0/680) Under TASP	498987	10000	Two months	350/-
13	C/O Powari to Telangpi road Km 0/00 to 5/00 (Sub Head:- C/O R/wall at RD 2/965 to 2/970 and B/wall at RD 3/560 to 3/575)	387002	7800	Two months	350/-
14	A/R & M/O on HP.PWD Rest House Rakchham (Sub Head:- P/I Stone soling C.C, P/F tile flooring, P/F Wooden panelling, painting and distempering etc)	223640	4500	One month	350/-
15	R/R damages on Karchham Sapni road Km 0/00 to 8/300 (Sub Head:- C/O protection/B/wall at RD 5/765 to 5/777)	429565	8600	Two months	350/-
16	A/R & M/O on KSC road Km 0/00 to 41/500 (Sub Head:- Removal of debris/slips/boulder at RD 2/585 to 2/900, 2/945 to 2/975 and 3/00 to 4/300)	441656	8900	One month	350/-
17	R/R damages on Kafnoo Yangpa road Km 0/00 to 5/00 (Sub Head:- C/O R/wall cum B/wall at RD 1/135 to 1/145)	339283	6800	Two months	350/-
18	A/R & M/O Shongthong Barang road Km 0/00 to 5/00 (Sub Head:- C/O B/wall in wire crate at RD 3/125 to 3/159.50)	491421	9900	Two months	350/-
19	A/R & M/O Wangtoo Kafnoo road Km 0/00 to 20/00 (Sub Head:- C/o R/wall at RD 14/560 to 14/574)	499852	10000	Two months	350/-
20	C/O link road from Kilba Forest Rest house to Gotangpra Km 0/00 to 2/500 (Sub Head:- C/o R/wall in wire crate at RD 0/190 to 0/233) Under TASP	491151	9800	Two months	350/-

Contd...2

21	Restoration of rain damages on Wangtoo Kafnoo road Km 0/00 to 20/00 (Sub head:- C/o abutment for 130 feet span DDR bailey Bridge Yangpa Side abutment)	337364	6800	Two months	350/
22	C/O ambulance road Pudo Nallah to Tongtongche nallah upto Khale Saring G.P. Sangla Km.0/00 to 0/650 (Sub Head:- C/O R/wall in wire crate at RD 0/515 to 0/560)TASP	433567	8700	Two months	350/
23	R/R damages on link road Nigulsari to Tranda Km 0/00 to 5/550 (Sub Head:- C/O R/wall at RD 0/345 to 0/359.20)	492778	9900	Two months	350/
24	R/R damages on Wangtoo Kafnoo road Km 0/00 to 20/00 (Sub Head:- C/O R/wall at RD 2/531.60 to 2/537)	468712	9400	Two months	350/

TERMS AND CONDITIONS:-

The Earnest Money shown against each work must accompany with each tender in the shape of National Saving Certificate/Time Deposit Account/Post Office Saving Bank Account of any of the Post Offices duly pledged in the name of undersigned. The application of each tender alongwith following documents must reach in this office on 21.08.2023 upto 12:15 P.M. and issued on same day.

- (i) Each application alongwith attested copy of the proof of enlistment in the appropriate Class and its renewal.
- (ii) Permanent Account Number (PAN)
- (iii) EPF No and GST.
- (iv) Exemption Letter for payment of earnest money from competent authority if any.

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

Executive Engineer,
Karchham Division,
J.P.PWD: Bhabanagar

Draft Schedule of Quantity

Job-1

Estimated Cost:- 479637.00
Earnest Money:- 9600.00

Time:- Two Months

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Name of work:- RR damages on jeepable road from Ramni Bridge to Village Ramni km 0/0 to 5/525

Sub Head:- C/O B/wall in wire crate Rd 2/729 to 2/744)

Sr. No.	Description of item	Qty.	Rate In Figure	Unit	Amount
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.	132.30	199.60 Rupees One Hundred Ninety Nine and Sixty Paisas Only	Per cubic metre	26407.00
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.	21.60	346.00 Rupees Three Hundred Forty Six Only	Per cubic metre	7474.00
4	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 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.	129.60	3181.90 Rupees Three Thousand One Hundred Eighty One and Ninety Paisas Only	Per cubic metre	412374.00
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.	32.40	1030.30 Rupees One Thousand Thirty and Thirty Paisas Only	Per cubic metre	33382.00
			Total		479637.00

*Draft Schedule of Quantity approved
Rs 479637/- only*

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

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Draft Schedule of Quantity

Job- 2

Estimated Cost:-

284933.00

Earnest Money:-

5700/-

Time:-

One Months

Name of work:- R/R damages on Wangtoo Kafnoo road Km 0/00 to 20/00

Sub Head:- C/O PCC toe wall to strengthening the existing R/wall at RD13/170 to 13/181.50).

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.	36.00	346.00	Ruppes three hundred forty six only	Per cubic metre	12456.00
2	Proding and laying concrete for plain/reinforced cement concrete 1:4:8 (One cement is to four sand is 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.	53.01	5140.10	Ruppes five thousand one hundred forty and paise ten only	Per cubic metre	272477.00
				Total		284933.00

*Hand Schedule of Quantity appended
Rs 284933/- only*

Executive Engineer,

Karchham Division,

HPPWD at Bhaba Nagar.

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Draft Schedule of Quantity

Job- 3

Name of work:- R/R damages on Karchham Sapni road Km 0/00 to 8/300

Sub Head:- C/O B/wall at RD 5/055 to 5/070)

Estimated Cost:- 393265.00
Earnest Money:- 7900/-
Time:- Two Months

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In	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.	85.50	346.00	Rupees three hundred fourty six only	Per cubic metre	29583.00
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.	58.50	6051.10	Rupees six thousand fifty one and paise ten only	Per cubic metre	353989.00
3	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm.(One hundred millimetre) dia PVC pipe extending through the full width of the structures with slope of 1 (V) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12.04.3.7 within all leads and lifts and as per direction of Engineer-in-charge.	30.00	323.10	Rupees three hundred twenty three and paise ten only	Each	9693.00
	Total					393265.00

*Draft Schedule of Quantity
for Rs 393265.00/-*

Executive Engineer,

Karchham Division,

HPPWD at Bhaba Nagar.

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Draft Schedule of Quantity

Job-
497665.00

Estimated Cost:-
10000/-
Earnest Money:-
Two Months

Name of work:- C/O link road to village Thach Km 0/00 to 3/500

Sub Head:- C/O R/wall at RD.0/260 to 0/275 and B/wall & R/wall in wire crate t at RD. 2/210 to 2/225 and 2/080 to 2/090) Under TASP

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.	20.10	199.60	Rupees one hundred ninety nine and paise sixty only	Per cubic metre	4012.00
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.	1.80	4177.70	Rupees four thousand one hundred seventy seven and paise seventy only	Per cubic metre	7520.00
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.	42.75	5106.10	Rupees five thousand one hundred six and paise ten only	Per cubic metre	218286.00
4	Providing weed holes in brick masonry/stone masonry/plan/ 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	317.70	Rupees three hundred seventeen and paise seventeen only	Each	4448.00
5	Providing and laying boulder apron laid in wire crates with 4 mm diameter G.I. wire confining 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 1701 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in charge.	86.40	3048.60	Rupees three thousand fourty eight and paise sixty only	Per cubic metre	263399.00
			Total	497665.00		

Draft Schedule of Quantity

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

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Draft Schedule of Quantity

Job-5

Estimated Cost:- 479861.00
Earnest Money:- 9600/-

Time:- Two Months

Name of work:-C/O Chagaon to Chagaon Saring road Km 0/00 to 8/00
Sub Head:- C/O R/Wall at RD 5/820 to 5/832) 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	38.48	346.00	Rupees three hundred forty six only	Per cubic metre	13314.00
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.	8.10	4270.70	Rupees four thousand two hundred seventy and paise seventy only	Per cubic metre	34593.00
3	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for structure like retaining walls, breast walls wing 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.	76.10	5246.30	Rupees five thousand two hundred forty six and paise thirty only	Per cubic metre	399243.00
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 extreeding through the full width of the structures with slope of 1(V) : 2(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.	21.00	321.30	Rupees three hundred twenty one and paise thirty only	Each	6747.00
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.	25.20	1030.30	Rupees one thousand thirty and paise thirty only	Per cubic metre	25964.00
					Total	479861.00

*Ready Schedule of Quantity after
from 1/1/19861 - 20/01/*

Executive Engineer,
Kachham Division, HPPWD.,

Kachham at Bhaba Nagar.

Draft Schedule of Quantity

Job- 6

Estimated Cost:-

488546.00
9800/-

Time:-

Two Months

Name of work:-R/R damages on KSC road Km 0/00 to 4 1/500

Sub Head:- C/O protection wall for abutment of bailey bridge at RD 22/200 at sangha side.

Sr. No.	Description of item	Qty.	Rate	Unit	Amount
		In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	18.39	346.00 Rupees three hundred forty six only	Per cubic metre	6363.00
2	Providing and laying plain cement concrete M-20 (ten) grade nominal mix 1:2:4 (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.	48.75	6819.90 Rupees six thousand eight hundred nineteen and paise ninety only	Per cubic metre	332470.00
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.	24.00	6051.10 Rupees six thousand fifty one and paise ten only	Per cubic metre	145226.00
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	320.50 Rupees three hundred twenty and paise fifty only	Each	4487.00
			Total 488546.00		

Draft Schedule of quantity
Re 488546.00/-

Executive Engineer,

Karchham Division,

HPPWD at Bhaba Nagar.

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Draft Schedule of Quantity

Job-
7

Estimated Cost:- 211703
Earnest Money:- 4300/-
Time:- One Month

Name of work:- Restoration of rain damages on various roads under PIU Sub-Division

Sub Head:- Hiring of Excavator cum loader in working condition for Removal of slips/boulder/Debris at various roads under PIU Sub-Division

Sr. No.	Description of item	Qty.	Rate	In Figure	In Words	Unit	Amount
1	Hiring of Excavator cum loader in working condition having a 1.00 (one) cubic metre bucket capacity for removal of slips and debris and their loading with free of cost including P.O.L. operation staff, repair charges of machinery etc. The actual working hour shall be counted for payment. Any damages to the private/ public property during the execution shall be the absolutely responsibility of the owner. The work shall be executed as per the entire satisfaction and direction of Engineer-in-Charge with in all leads lifts complete in all respect.	269	787	Rupees seven hundred eighty seven and paise nil only	Per hour	211703	

*Dealt, Schedule of Quantity by Engineer
Dr. D. S. Joshi - ref
211703*

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

Draft Schedule of Quantity

Job- 8

491207.00

Estimated Cost:-
Earnest Money:-

Time:-
Two Months

Name of work:-R/R damages on Karchham Sapni road Km 0/00 to 8/300

Sub Head:- C/O R/Wall at RD 5/170 to 5/185)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In	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.	37.95	346.00	Rupees three hundred forty six only	Per cubic metre	13131.00
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.	15.00	605.10	Rupees six thousand fifty one and paise ten only	Per cubic metre	90767.00
3	Providing and laying boulder apron laid in wire crates with 4 mm diameter G.1 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 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	110.70	3222.00	Rupees three thousand two hundred twenty two only	Per cubic metre	356675.00
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.	20.70	1046.40	Rupees one thousand four hundred and paise forty only	Per cubic metre	21060.00
5	Construction of embankment with approved material obtained from borrow pits within all leads and lifts transporting to site, spreading, grading to required slope and compacting to meet requirement of table 300.1 and 300.2 as per technical specification clause 301.5 and as per the entire satisfaction and direction of Engineer-in-charge.	24.15	371.60	Rupees three hundred seventy one only	Per cubic metre	8974.00
				Total		491207.00

Debut & Schedule of Quantity of work

Executive Engineer,

Karchham Division,

HPPWD at Bhaba Nagar.

Draft Schedule of Quantity

Job- 9

Estimated Cost:-

444780.00
8900/-

Earnest Money:-

Two Months

Time:-

Name of work:- C/O link road from Nanspo village to upper Tranda Km 0/00 to 3/500

Sub Head:- C/O R/wall and culverts 600 mm dia hume pipe culvert at RD 2/708 to 2/720 and 2/735 to 2/745) 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.	34.52	346.00	Rupees three hundred forty six only	Per cubic metre	11,944.00
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.	6.48	4316.90	Rupees four thousand three hundred sixteen and pause ninety only	Per cubic metre	27974.00
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.	69.16	5288.00	Rupees five thousand two hundred eighty eight only	Per cubic metre	365718.00
4	Providing and laying concrete for plain/reinforced cement concrete 1:4:3 (One cement is to four sand is 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.	2.48	5289.60	Rupees five thousand two hundred eighty nine and pause sixty only	Per cubic metre	13118.00
5	Providing and laying reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection work, back filling, concrete and masonry work in head walls and parapets clause 1108, including carriage of materials in all leads lifts as per the entire satisfaction and direction of Engineer-in-Charge.	5.00	3834.60	Rupees three thousand eight hundred thirty four and pause sixty only	Per running metre	19173.00
6	Providing weep holes in brick masonry/stone masonry/plain/reinforced concrete abutment wing wall, return wall with 100mm (One hundred millimetre) dia PVC pipe extending through the full width of the structures with slope of 1 (V) : 20(H) towards drawing face complete as per 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	311.50	Rupees three hundred eleven and pause fifty only	Each	6853.00
<i>Dealt Schedule of Quantity</i>					Total	444780.00

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

Dealt Schedule of Quantity

147

Draft Schedule of Quantity

Estimated Cost:-

9700.00

Earnest Money:-

Time:-

Two Months

Name of work:- R/R damages on jeepable road to village Bai road Km 0/00 to 5/500
 Sub Head:- C/O PCC toe wall and ~~wire mesh~~ ~~wire mesh~~ wall at Km 0/600 to 0/608.50)

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.	36.72	Rupees Three Hundred Forty Six Only	Per cubic metre	12705.00
3	Providing and laying concrete for plain/reinforced cement concrete 1:4:8 (One cement is to four sand is 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.	61.20	Rupees Five Thousand One Hundred Forty and Ten Paisas Only	Per cubic metre	314574.00
3	Providing and laying bouldet apron laid in wire crates with 4 mm diametre G.I. wire confining 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.	48.96	Rupees Three Thousand Forty Eight and Sixty Paisas Only	Per cubic metre	149259.00
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.	27.00	Rupees Three Hundred Eleven and Fifty Paisas Only	Each	8411.00

R/wall in wire mesh

Detail Schedule of quantity
for R/R damages

Total 484949.00

Executive Engineer,
 Karchham Division,
 HPPWD at Bhaba Nagar.

Draft Schedule of Quantity

Job- 11

Estimated Cost:-

489840.00
9800/-

Earnest Money:-

Two Months

Time:-

Name of work:- R/R damages on Kafnoo Yangpa road Km 0/00 to 5/00

Sub Head:- C/O R/wall cum B/wall at RD 1/100 to 1/120)

Sr. No.	Description of item	Qty.	Rate In Figure	Rate 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.	49.00	346.00	Rupees three hundred forty six only	Per cubic metre	16954.00
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.	8.40	4170.70	Rupees four thousand one hundred seventy and paise seventy only	Per cubic metre	35034.00
3	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.	81.00	5140.10	Rupees five thousand one hundred forty and paise ten only	Per cubic metre	416348.00
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	40.00	311.50	Rupees three hundred eleven and paise fifty only	Each	12460.00
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.	9.00	1004.90	Rupees one thousand four and paise ninety only	Per cubic metre	9044.00
Total						489840.00

Draft Schedule of Quantity of Item

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

150

Draft Schedule of Quantity

Job-12

Estimated Cost:-

498987.00

Earnest Money:-

10000/-

Time:-

Two Months

Name of work:-C/O balance work of motorable road from Jani (Chipurche) to Ramni (Fochitang) i Km 0/00 to 1/480

Sub Head:- C/O dumping site for disposal of muck from at RD 0/670 to 0/680) 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.	18.58	346.00	Rupees three hundred forty six only	Per cubic metre	6429.00
2	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 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.	154.80	3181.90	Rupees three thousand one hundred eighty one and paise ninety only	Per cubic metre	492558.00
					Total	498987.00

*Geoff Schedule of quantity offered
for Rs 498987/-*

Executive Engineer,
Karchham Division,

HPPWD. at Bhaba Nagar.

Draft Schedule of Quantity

Job-13

Estimated Cost:- 387002.00
Earnest Money:- 7800/-
Time:- Two Months

151

Name of work:-C/O Powari to Telangpi road Km 0/00 to 5/00

Sub Head:- C/O R/Wall at RD 2/965 to 2/970 and B/Wall at RD 3/560 to 3/575)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In	In Words		
1	Excavation in earthwork in hilly area at 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.	31.35	199.60	Rupees one hundred ninety nine and paise sixty only	Per cubic metre	6257.00
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.	21.15	346.00	Rupees three hundred forty six only	Per cubic metre	7318.00
3	Poarding and laying concrete for plain/reinforced cement concrete 1:4.8 (One cement iso four sand iso 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.	5.3325	5289.60	Rupees five thousand two hundred eighty nine and paise sixty only	Per cubic metre	28207.00
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.	62.276	5288.00	Rupees five thousand two hundred eighty eight only	Per cubic metre	329315.00
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 (v) 20(H) towards drawing face complete as per drawing and technical specification clause 6147-09 12/04 3.7 within all leads and lifts and as per direction of Engineer-in-charge.	32.00	323.10	Rupees three hundred twenty three and paise ten only	Each	10339.00
6	Back filling behind abutment, wing 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	4.20	1046.40	Rupees one thousand four hundred and paise forty only	Per cubic metre	4395.00
7	Construction of embankment with approved material obtained from borrow pits within all leads and lifts, transporting to site spreading, grading to required slope and compacting to meet requirement of table 300.1 and 300.2 as per technical specification clause 301.5 and as per the entire satisfaction and direction of Engineer-in-charge	3.15	371.60	Rupees three hundred seventy one and paise sixty only	Per cubic metre	1171.00
<i>Draft Schedule of Quantity</i>		Total				387002.00

Rs 387002/-

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

152

Draft Schedule of Quantity

Estimated Cost:- 223640.00
 Earnest Money:- 4500.00
 Time:- One Month

..s of work:-A/R & M/O HP.PWD rest house at Rakchham
 Sub Head:- Providing and laying stone sciling, C.C , providing and fixing tile flooring, wooden paneling and painting and distempering etc)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Boulder filling dry hand packed tightly as in wire crate apron bund (wire crates to be measured separately) including carriage of material upto all leads and lifts as per the direction of the Engineer-in-charge	4.54	664.90	Rupees Six Hundred Sixty Four and Ninety Paisas Only	Per cubic metre	3019
2	Providing and laying cement concrete 1:4:8(One cement isto four sand isto eight graded/ crushed stone aggregate 40mm. (forty millimetre)nominal size) mechanically mixed and vibrated and curing complete excluding the cost of work in foundation and plinth and as per HP.PWD sepcification 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.	2.27	2293.10	Rupees Two Thousand Two Hundred Ninety Three and Ten Paisas Only	Per cubic metre	5205
3	White glazed tiles 6 mm thick in flooring, treads of steps and landing laid on a bed of 12 mm thick cement mortar 1:3(1 cement :3 sand) finished with flush pointing in white cement including carriage of material upto all leads and lifts as per the direction of the Engineer-in-charge.	56.10	701.10	Rupees Seven Hundred One and Ten Paisas Only	Per square metre	39332
4	White glazed tiles 6 mm (six millimetre) thick of 30 centimetre x 45 centimetre (thirty centimetre into forty five centimetre) size in skirting risers of steps and dado 12mm thick cement mortar 1:3 (1cement three sand) and jointed with cement slurry and as per HPPWD specification 1990 volume-1 including carriage of material, labour, tool and plants through all modes of transporation within all leads and lifts and as per the direction of the Engineer-in-charge	5.25	755.10	Rupees Seven Hundred Fifty Five and Ten Paisas Only	Per square metre.	3964
5	Providing woodwork in frames of doors,windows,clerestory,windows and other frames wrought framed and fixed in position 2nd class deodar wood. Including carriage of materials through all modes of transporation within all leads and lifts and as per PWD specification and entire satisfaction and direction of the Engineer-in-charge	0.29	66432.50	Rupees Sixty Six Thousand Four Hundred Thirty Two and Fifty Paisas Only	Per cubic metre	19265
6	Providing and fixing 40 mm thick 2nd class deodar wood plain framed paneling with necessary screws priming coat on unexposed surface etc. complete including carriage of materials within all leads and lifts complete in all respect	38.55	2667.95	Rupees Two Thousand Six Hundred Sixty Seven and Ninety Five	Per square metre	102849

7	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc complete) including carriage of materials through all modes of transportation within all leads and lifts and as per PWD specification and entire satisfaction and direction of the Engineer-in-charge.	28.09	983.25	Rupees Nine Hundred Eighty Three and Twenty Five Paisas Only	per square metre	27619
8	Polishing two coats with french polish on new wood and wood based surfaces to give an even surface including cleaning the surface of all dirt,dust and sand papered smooth and including a coat of wood filler including carriage of materials through all modes of transportation within all leads and lifts and as per PWD specification and entire satisfaction and direction of the Engineer-in-charge.	66.64	72.25	Rupees Seventy Two and Twenty Five Paisas Only	per square metre	4815
9	Painting one coat (excluding priming coat)on previously painted wood and wood based surface with coal tar black paint to give an even shade including cleaning of all dirt,dust and other foreign matter including carriage of materials through all modes of transporation within all leads and lifts and as per PWD specification and entire satisfaction and direction of the Engineer-in-charge.	191.89	17.00	Rupees Seventeen Only	per square metre	3262
10	Painting one coat (excluding priming coat) on previously painted steel & other metal surfaces with readymixed paint,brushing oil, grease to give an even shade including cleaning the surface of all dirt,dust and other foreign matter including carriage of materials through all modes of transporation within all leads and lifts and as per PWD specification and entire satisfaction and direction of the Engineer-in-charge	155.84	25.25	Rupees Twenty Five and Twenty Five Paisas Only	per square metre	3935
11	Distempering(one coat) with oil bound washable distemper of approved brand and manufature and of required shade on decorated wall surfaces to give an even shade after thoroughly brushing the surface clean of all grease,dirt,loose pieces of scales and also including preparing the surface even and sand papered smooth including carriage of materials through all modes of transporation within all leads and lifts and as per PWD specification and entire satisfaction and direction of the Engineer-in-charge	102.01	15.60	Rupees Fifteen and Sixty Paisas Only	per square metre	159
12	Providing and fixing vitreous china wash down, water closet No. 20007 size 58x40cm. of Hindware in white shade(European type W.C. pan) with integral 'P' or S trap including jointing the trap with soil pipe in cement mtoar 1:1(1 cement :sand) (Seat and over to be measured and paid for separately) as per HPPWD specification of 1990 volume-1 including carriage of material, labour,tool and plants through all modes of transporation within all leads and lifts and as per the direction of the Engineer-in-charge.	2.00	2295.60	Rupees Two Thousand Two Hundred Ninety Five and Sixty Paisas Only	Each	459

13	Providing and fixing vitreous China wash basin Angle back circular 560mmx400mm (oval type under counter with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fittings including carriage of materials through all modes of transportation within all leads and lifts and as per PWD specification and entire satisfaction and direction of the Engineer-in-charge.	1.00	1787.10	Rupees One Thousand Hundred Eighty Seven and Ten Paisas Only	Each.	1787
14	Providing and fixing Soap dish (C.P. with bracket) 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 the direction of the Engineer-in-charge.	2.00	150.00	Rupees One Hundred Fifty Only	Each.	300
15	Providing and fixing brass bib tap (Superior or heavy type) 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 the direction of the Engineer-in-charge	2.00	208.10	Rupees Two Hundred Eight and Ten Paisas Only	Each.	416
16	Providing and fixing hand shower with Angular and Rest Holder 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 the direction of the Engineer-in-charge.	2.00	700.00	Rupees Seven Hundred Only	Each.	1400
17	Providing and fixing PTMT Cockroach trap with water seal 150 mm X 150 mm 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 the direction of the Engineer-in-charge.	2.00	145.00	Rupees One Hundred Forty Five Only	Each.	290

Partial Schedule of Quantities of work
for Rs 222 Chappal

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

223640

150
Draft Schedule of Quantity

Job- 15

Estimated Cost:-

429565.00
Earnest Money:-

8600/-

Time:-

Two Months

Name of work:-R/R damages on Karchham Saphi road Km 0/00 to 8/300

Sub Head:- C/O protection/ B/wall at RD 5/765 to 5/777)

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.	90.00	346.00	Rupees three hundred forty six only	Per cubic metre
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.	61.44	6051.10	Rupees six thousand fifty one and paise ten only	Per cubic metre
3	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm.(One hundred millimetre) dia PVC pipe extending through the full width of the structures with slope of 1 (v) : 20(H) towards drawing face complete as per drawing and technical specification clause 614,709,12.04.3.7 within all leads and lifts and as per direction of Engineer-in-charge.	30.00	323.10	Rupees three hundred twenty three and paise ten only	Each
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.	16.20	1046.40	Rupees one thousand forty six and paise forty	Per cubic metre

Deed of Schedule of Quantity for R/R

429565.00

Executive Engineer,
Karchham Division,

HPPWD at Bhaba Nagar.

154

Draft Schedule of Quantity

Job- 16

Estimated Cost:- 441656.00

Earnest Money:- 8900/-

Time:-

One Month

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

Sub Head:- Removal of debries / slips / boulder at RD 2/585 to 2/900, 2/945 to 2/975 and 3/00 to 4/300)

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 mechanical means including cutting and trimming of slopes and disposal of cut materials complete with in all leads and lifts of materials and other incidentianls.	3045.90	145.00	Rupees one hundred forty five only	Per cubic metre	441656.00
					Total	441656.00

Draft Schedule of quantity of work

Executive Engineer,
Karchham Division,

HP PWD. at Bhaba Nagar.

155

Draft Schedule of Quantity

Job-17

Estimated Cost:-
6800.00
Earnest Money:-
Time:-
Two Months

Name of work:- R/R damages on kafnoo Yangpa road Km 0/00 to 5/00
Sub Head:- C/O R/wall cum B/wall at Km 1/135 to 1/145)

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 incidentials.	10.10	346.00	Rupees Three Hundred Forty Six Only	Per cubic metre	3495.00
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.	4.40	4170.70	Rupees Four Thousand One Hundred Seventy and Seventy Paisas Only	Per cubic metre	18351.00
3	Providing and laying concrete for plain/reinforced cement concrete 1:4:8 (One cement is to four sand is 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.	60.15	5140.10	Rupees Five Thousand One Hundred Forty and Ten Paisas Only	Per cubic metre	309177.00
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.	12.00	311.50	Rupees Three Hundred Eleven and Fifty Paisas Only	Each	3738.00
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.	4.50	1004.90	Rupees One Thousand Four and Ninety Paisas Only	Per cubic metre	4522.00

Draft Schedule of Quantity
Rs 339283/-

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

156

Draft Schedule of Quantity

Job- 18

Estimated Cost:-

491421.00
9900/-

Earnest Money:-

Two Months

Name of work:-A/R and M/O Shongthong Barang road Km 0/00 to 5/00

Sub Head:- C/O B/wall in wire crate at RD 3/125 to 3/159.50)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In	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.	66.3	199.6	Rupees one hundred ninety nine and paise sixty only	Per cubic metre	13233.00
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.	14.28	346.00	Rupees three hundred forty six only	Per cubic metre	4941.00
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.	146.88	3222.00	Rupees three thousand two hundred twenty two only	Per cubic metre	473247.00
<i>Desert Schedule of quantity Approved for B/wall</i>		Total				491421.00

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

15th

Draft Schedule of Quantity

Job-19

Estimated Cost:- 499852.00
Earnest Money:- 10000.00
Time:- Two Months

Name of work:- H/R & M/O Wangtoo Kathoo road Km 0/00 to 20/00

Sub Head:- C/O Rwall at Km 14/560 to 14/574)

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.	59.50	346 00	Rupees Three Hundred Forty Six Only	Per cubic metre	20587.00
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.	6.44	4170.70	Rupees Four Thousand One Hundred Seventy and Seventy Paisas Only	Per cubic metre	26859.00
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.	84.00	5106.10	Rupees Five Thousand One Hundred Six and Ten Paisas Only	Per cubic metre	428912.00
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 634,709,12,04,3,7 within all leads, and lifts and as per direction of Engineer-in-charge.	28.00	31150	Rupees Three Hundred Eleven and Fifty Paisas Only	Each	8722.00
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.	14.70	1004.90	Rupees One Thousand Four and Ninety Paisas Only	Per cubic metre	14772.00

Debit & Credit of Payment after
for Rs 499852/-

Executive Engineer,

Karchham Division,

HPPWD,at Bhaba Nagar.

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Draft Schedule of Quantity

Job-20

Estimated Cost:- 491151.00
Earnest Money:- 9800.00
Time:- Two Months

of work:-C/O link road from Kilba Forest Rest house to Gotangpra Km 0/00 to 2/500
ad:- C/o R/wall in wire crate at RD 0/190 to 0/233) Under TASP

Description of item	Qty.	Rate In Figure	Rate 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.	46.87	346.00	Rupees Three Hundred Forty Six Only	Per cubic metre	16217.00
Providing and laying boulder apron laid in wire crates with 4 mm diametre G.I. wire confirming to IS:280 and S: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.	139.32	32222.00	Rupees Three Thousand Two Hundred Twenty Two Only	Per cubic metre	448889.00
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	70.09	371.60	Rupees Three Hundred Seventy One and Sixty Paisas Only	Per cubic metre	26045.00

Debit Schedule for Rs 491151.00
affixed to Rs 491151.00

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

Draft Schedule of Quantity

Job-#1

Estimated Cost:-
Earnest Money:-
Time:-

337364.00
6800.00
Two Months

159

of work:--Restoration of rain damages on Wangtoo Kafnoo road Km 0/00 to 20/00

Lead: - C/o abutment for 130 feet span DDR Bailey Bridge Yangpa Side abutment

Description of item	Qty.	Rate In Figure	Rate In Words	Unit	Amount
Excavation in earth work for foundation of bridge structure (abutments and pier) in all type of classification of soil by manual/mechanical means comprising of ordinary rock, soft/hard rock, chiselling/wedging out of rocks (where blasting is prohibited) as per drawing and technical specification clause and as per direction of Engineer-in-Charge including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal of materials upto all heights all leads and lifts including dressing of sides and bottom including shoring and strutting and pumping, bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering as per the direction of the Engineer-in-Charge including carriage of materials with in all height all leads lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	537.28	59.50	Rupees Fifty Nine and Fifty Paisas Only	Per cubic metre	31968.00
Providing and laying mechanically mixed and vibrated plain reinforced cement concrete nominal mix 1:3:6 (One cement : three sand : six graded/crushed stone aggregate 40mm (forty millimeter) nominal size and curing complete including pumping or bailing out water, dewatering, removal of slush as required at site which may arise at the time of laying under water complete for all height and depths including cost of form work in foundation of abutment pier for all type of structure complete as per drawing, MORTH technical specification clause 2100 (Two thousand one hundred) and direction of Engineer-in-Charge including entire carriage of materials within all leads lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	11.31	2417.00	Rupees Two Thousand Four Hundred Seventeen Only	Per cubic metre	27336.00
Supplying fitting and placing HYSD (High Yield Strength Deformed bar) reinforcement in Sub Structure made of TATA TISCON/SAI, RINL including cost of bending, binding and cutting and placing in position of bars complete including cost of binding wire as per drawing , MORTH technical specification clause 1600 and 2200 (one thousand six hundred and two thousand two hundred) and direction of Engineer-in-Charge, including entire carriage of materials with in all leads , lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	1.40	56273	Rupees Fifty Six Thousand Two Hundred Seventy Three Only	Per cubic Tonne	78782.00

Providing and laying mechanically mixed and vibrated plain reinforced cement concrete (M-15)(M-Fifteen) nominal mix 1:2:4 (One cement : two sand : four graded)/crushed stone aggregate 40mm (forty millimeter) nominal size and curing complete including pumping or bailing out water, dewatering, removal of slush as required at site which may arise at the time of laying under water complete for all height and depths including cost of form work in foundation of abutment, pier for all type of structure complete as per drawing, MORTH technical specification clause 1500, 1700 & 2100 (one thousand five hundred, one thousand seven hundred and two thousand one hundred) and direction of Engineer-in-Charge including entire carriage of materials within all leads, lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	50.380	3322.00	Rupees Three Thousand Three Hundred Twenty Two Only	Per cubic metre	167362.00
Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Nominal Mix 1:1/5:3 (M-25) (one cement : one and half sand : three graded/crushed stone aggregate, 20 mm (twenty millimeter) nominal mix curing complete within all leads, lifts carriage of material and other incidentals	4.91	3667.00	Rupees Three Thousand Six Hundred Sixty Seven Only	Per cubic metre	18020.00
Back filling behind abutment, wing wall, return wall and box of bridge with granular material and compacted with Plate compactor/power rammer complete as per drawing and technical specification as per direction of Engineer-in-Charge including entire carriage of materials within all leads, lifts and other incidentals. The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	5.55	393.00	Rupees Three Hundred Ninety Three Only	Per cubic metre	2181.00
Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm (One hundred millimetre) dia AC pipe extending through the full width of the structures with slope of 1(v) : 20(H) towards drawing face complete as per drawing and technical specification clause 6114, 709, 12.04.3.7 within all leads and lifts and as per direction of Engineer-in-charge	15.00	781.00	Rupees Seven Hundred Eighty One Only	Each	11715.00

*Debit Schedule of quantity & fee
in Re 337364/-*

Total 337364.00

Executive Engineer
Karchham Division
HPPD at Bhaba Nagar

J.J.

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Draft Schedule of Quantity

Job- 22

Estimated Cost:-
9250.00
Earnest Money:-
Time:-

460500.00
9250.00
Two Months

Name of work:- C/O Ambulance road Pudo Nallah to Tong Tongche Nallah up to Khale Saring G.P Sangla km 0/0 to 0/650
Sub Head:- C/O R/wall in wire crate at km 0/639 to 0/645 and R/wall RD 0/645 to 0/650

Sr. No.	Description of item	Qty.	Rate In Figure	Rate In Words	Unit	Amount
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.	87.02	346.00	Rupees Three Hundred Forty Six Only	Per cubic metre	30109.00
4	Providing and laying boulder apron laid in wire crates with 4 mm diameter G.I. wire confirming to IS:280 and IS:4828 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.	110.25	3222.00	Rupees Three Thousand (two hundred Twenty two Only)	Per cubic metre	355226.00
3	Providing and laying concrete for plain/reinforced cement concrete 1:4:8 (One cement Ist four sand Ist 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.	13.25	5289.60	Rupees Five Thousand Two Hundred Eighty Nine and Sixty Paisas Only	Per cubic metre	70087.00
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.	6.00	323.10	Rupees Three Hundred Twenty Three and Ten Paisas Only	No's	1939.00
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.	3.00	1046.40	Rupees One Thousand Forty Six and Forty Paisas Only	Per cubic metre	3139.00
					Total	460500.00

*Dealt Schedule of Quantity
Approved for Submission*

Executive Engineer

Karchham Division,
HPPWD, at Bhaba Nagar.

JF

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Draft Schedule of Quantity

Job- 23

Estimated Cost:- 492777.00
Earnest Money:- 9900.00
Time:- Two Months

Name of work:- R/R damages on link road Nigulsari to Tranda Km 0/00 to 5/550

Sub Head:- C/O R/wall at RD 0/345 to 0/359.20)

Sr. No.	Description of item	Qty.	In Figure	Rate 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.	21.58	346.00	Rupees Three Hundred Forty Six Only	Per cubic metre	7467.00
2	Providing and laying cement 1:3:6 (one cement : six sand : twelve graded stone aggregate 40mm (forty millimeter) nominal size for plain /reinforced concrete in open foundations complete as per drawings and technical specification clauses 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	14.25	6002.00	Rupees Six Thousand Two Only	Per cubic metre	85529.00
3	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.	213.75	7.00 (L.R.)	Rupees Seven Only	Per KG	1496.00
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.	68.16	5251.20	Rupees Five Thousand Two Hundred Fifty One and Twenty Paisas Only	Per cubic metre	357922.00
5	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm (One hundred mm) 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 the direction of Engineer-in-charge.	30.00	321.30	Rupees Three Hundred Twenty One and Thirty Paisas Only	Each	9639.00
6	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification with all leads and lifts and as per the direction of Engineer-in-charge.	29.82	1030.30	Rupees One Thousand Thirty and Thirty Paisas Only	Per cubic metre	30724.00

Note:- TMT bar shall be provided by the Deptt.

Scanty Schedule of quantity
Rs 492777.00

Executive Engineer,

Karchham Division,

HPPWD at Bhaba Nayar.

Draft Schedule of Quantity

Job- 24

Estimated Cost:-
Earnest Money:-
Time:-

468712.00
9400.00
Two Months

Line of work:- R/R damages on Wangtoo Kafnoo road Km 0/00 to 20/00
Head:- C/O R/R/wall at RD 2/531.60 to 2/537)

Description of item	Qty.	In Figure	In Words	Rate	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.	4.86	346.00	Rupees Three Hundred Forty Six Only	Per cubic metre	1682.00	
Supplying, fitting and placing TMT bar reinforcement in superstructure complete as per drawings and technical specifications Clauses 1000 and 1202 and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	0.12	101905.00	Rupees One Lacs One Thousand Nine Hundred Five Only	Per M/T	12636.00	
Providing and laying hand mixing plain cement concrete M-15 (fifteen) grade nominal mix 1:2.5.5 (one cement : two and half sand : five graded stone aggregate 40 mm (forty millimetre) nominal size) in open foundations and plinths as per drawings and technical specification for rural roads clause 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of	34.34	6075.10	Rupees Six Thousand Seventy Five and Ten Paisas Only	Per cubic metre	208619.00	
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.	41.8	5246.30	Rupees Five Thousand Two Hundred Forty Six and Thirty Paisas Only	Per cubic metre	219295.00	
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 I (V) : 20(H) towards drawing face complete as per drawing and technical specification clause 614,709,12.04 3.7 within all leads and lifts and as per direction of Engineer-in-charge.	15.00	321.30	Rupees Three Hundred Twenty One and Thirty Paisas Only	Each	4820.00	
Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-charge.	15.88	1030.30	Rupees One Thousand Thirty and Thirty Paisas Only	Per cubic metre	16361.00	

7	Construction of Sub-grade and Earthen Shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 as per Technical Specification Clause 303.1 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	14.26	371.60	Rupees Three Hundred Seventy One and Sixty Paisas Only	Per cubic metre	5299.00
				Total	468712.00	<i>Debit Schedule of Quantities of work</i>

for Rs 468712.00/-

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