O/o the Executive Engineer, Karchham Division, HP.PWD., Bhabanagar.
Web: www.hppwd.gov.in, Email: ee-karc-hp@nic.in Phone No.-01786-292897

No. PW/BHNR-B&R-EA-I-Tender/2024-25 6633 Dated:- 15/10/2024

To

The Executive Engineer, (IT)
Nigam Vihar Shimla-2.

Subject: - Publication of tender notice

Enclosed, please find herewith copy of tender notice in respect of tenders invited vide this office NIT No. PW/BHNR-B&R-EA-I-Tender/2024-25-6623-32 dated 15/10/2024 for uploading the same on department website for wide publicity.

DA:- Copy of NIT

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

O/o the Executive Engineer, Karchham Division, HP.PWD. Bhabanagar
Web: www.hppwd.gov.in, Email: ee-karc-hp@nic.in Phone No.-01786-292897

NOTICE INVITING TENDER

Sealed percentage rate tender(s) on PWD form No.6 &8 are hereby invited by the Executive Engineer, Karchham Division, HP.PWD, Bhabanagar Distt. Kinnaur (H.P) on behalf of the Governor of H.P for the following works from the registered contractors in HP.PWD in appropriate class to reach in this office on **28.10.2024** up to 10.30 A.M. and will be opened on the same day at 11.00A.M. in the presence of Contractors or their authorized representative who wish to be present at that time. The application for obtaining the tender form will be received on **26.10.2024** i.e. 11.00 AM to 1.00 PM and the tender form can be had from this office against this cash payment (Non- refundable) on the same day from 2.00P.M. to 5.00 P.M. No application shall be entertained without earnest money or through FAX.

Earnest money shall be in shape of NSC/FDR duly pledged in favour of Executive Engineer, Karchham Division, HP.PWD, Bhabanagar Distt. Kinnaur H.P. Ambiguous /Telegraphically/conditional tenders or tender through FAX shall not be entertained/ considered in any case.

Sr. No.	Name of Work	Estimated Cost	Earnest Money	Cost of Form	Eligible class of contractor	Time Period
1	C/O balance motorable road from Jani (Chipurche) to Ramni (Fochitang) Km. 0/00 to1/480 (SH:- F/C 5/7mtr. Wide road at RD. 1/050 to 1/063) 5054 R&B (P).	411180/-	8300/-	350/-	Class-D	Three months
2	C/O jeepable road from Gurubale to Upper Kangos Km. 0/00 to 0/800 (Sub Head;- F/C 3/5 mtr. wide road at RD. 0/510 to 0/585 and C/O R/wall in wire crate at RD 0/510 to 0/525 & 0/555 to 0/570) 5054 R&B (P).	429568/-	8400/-	350/-	Class-D	Three months
3	C/O link road from Bari Bus Stand to Satkuting i/c Parking at Jatida Km. 0/00 to 3/500 (Sub Head;- Removal of slips at RD. 0/00 to 3/500 and P/laying kharanja soling at RD 0/500 to 0/600,1/200 to 1/300,1/450 to 1/500 and 1/750 to 1/800) 5054 R&B (P).	483423/-	9700/-	350/-	Class-D	Three months
4	R / M of Type -2 Qtr. at Solding (Sub Head:- P/laying C.C., penaaling, flooring and plaster in patches) Phase-I 3054 (N.P).	366432/-	7400/-	350/-	Class-D	Two months
5	R/R damages on verious road under Karchham Division (Sub Head:- C/O bed block Nathpa side on alternative route from Det Sungra to Wangtoo).Under 8443 deposit	271980	5500/-	350/-	Class-D	Three months
6	R/R damages on Kafnoo Yangpa Km. 0/00 to 5/00 (Sub Head;- C/O embankment filling at RD 0/720 to 0/765) Under 8443 deposit	274129/-	5500/-	350/-	Class-D	One month
7	C/O jeepable road from Gurubale to Upper Kangos Km. 0/00 to 0/800 (Sub Head;- F/C 3/5 mtr. wide road at RD. 0/600 to 0/675 and C/O R/wall in wire crate at RD 0/615 to 0/644& 0/555 to 0/570) 5054 R&B (P).	492275/-	10000/-	350/-	Class-D	Three months
8	C/O link road from Nanaspo to Upper Tranda road Km. 0/00 to 3/500 (Sub Head :C/ O B/wall at RD. 1/350 to 1/365 and 2/223 to 2/240). 5054 R&B (P).	482445	9700/-	350/-	Class-D	Three months
9	R/R damages on verous roads under Ponda Sub- Division (Sub Head:- Hiring of Excavator cum loader in working condition for removal of slips/ debries. On Nanaspo to Upper Tranda at RD. 0/00 to 3/500 and Tranda to village Thach at RD. 0/00 to 3/500). Under 8443 deposit.	225000/-	4500	350/-	Class-D	15 days
10	R / M of Type -2 Qtr. at Solding (Sub Head:- P/laying C.C., paneling, flooring and plaster in patches) Phase- II 3054 (N.P).	412179/-	8300/-	350/-	Class-D	Two months
11	C/O link road from NH-05 to Forest Rest House Chaura Km 0/00 to 3/500 (Sub Head:- C/ O B/wall in wire crate at RD. 0/370 to 0/385 and 0/236 to 0/253) 5054 R&B (P).	404286/-	8100/-	350/-	Class-D	Three months
12	Improvement of Black spot on PHC Tangling road Km 0/00 to 1/630 (Sub Head:- Providing and fixing "W"metal beam crash barrier railing at R.D 0/105 to 0/150 , 0/250 to 0/274 and PCC parapets at RD. 0/00 to 0/105). 5054 R&B (P)	405250/-	8100/-	350/-	Class-D	Three months

13	Improvement of Blackspot on Shongthong Purbani road Km 0/00 to 10/630 Sub Head:- Providing and fixing "W"metal beam crash barrier railing at R.D 0/575 to 0/611 , with PCC edging at RD. 0/575 to 0/607). 5054 R&B (P)	438667/-	8800/-	350/-	Class-D	Three months
14	R/R damages on Nichar Wangtoo road Km. 0/00 to 4/240 (Sub Head:- Hiring of tripper (5.5cum capacity) in working condition for shifting of muck from Nichar Wagtoo road at Km. 0/00 to 4/240). Under 8443 deposit.	290000/-	5800/-	350/-	Class-D	One month
15	C/O jeepable road from Cholng to Rangle Km. 0/00 to 2/200 (Sub Head:- C/O dumping yard for disposal of cut material generated from F/C work at GMS Choling) 5054 R&B (P).	495441/-	10000/-	350/-	Class-D	Two months
16	A/R & M/O on Karchham Sangla Chhitkul road Km. 0/00 to 41/500 (SH:- C/O R/wall at RD. 25/700 to 25/720) 3054 R&B (N.P).	449024/-	9000/-	350/-	Class-D	Two months
17	C/O balance motorable road from Jani (Chipurche) to Ramni (Fochitang) Km. 0/00 to 1/480 (SH:- F/C 5/7mtr. Wide road at RD. 0/905 to 0/926) 5054 R&B (P).	429821/-	8600/-	350/-	Class-D	Three months
18	C/O motorable road from Yulla Bus Stand to village Yulla Km. 0/00 to 1/600 (SH:- F/C 5/7mtr. wide road at RD. 0/660 to 0/705 and C/O hume pipe culvert at RD. 0/660 to 0/672) 5054 R&B (P)	496358/-	10000/-	350/-	Class-D	Three months
19	R/R damages on Nichar Wangtoo road Km. 0/00 to 4/240 (Sub Head:- Hiring of Excavator cum loader in working condition for removal of slips/ debries. onNichar Wagtoo road at Km. 0/00 to 4/240). Under 8443 deposit.	375000/-	7500/-	350/-	Class-D	15 days
20	A/R & M/O on Urni Bus Stand to Village Urni Km. 0/00 to 0/725 (SH:- P/laying inter locking concrete paver block at RD 0/133 to 0/193) 3054 R&B (N P).	483388/-	9700/-	350/-	Class-D	Three months
21	C/O link road from NH-05 to Forest Rest House Chaura Km 0/00 to 3/500 (Sub Head:- C/ O R/wall at RD. 0/060 to 0/070) 5054 R&B (P).	498417/-	10000/-	350/-	Class-D	Three months
22	Improvement of black spot on Karchham to Shong Km 0/0 to 7/915 (SH:- P/Fixing W- metal beem crash barrier railing at RD. 0/080 to 0/180). Under TASP	492367/-	9900/-	350/-	Class-D	Three months
23	C/O jeepable road from Joktarang to Panvi Km. 0/00 to 1/400 (SH:- C/O R/wall at RD. 0/265 to 0/314) 5054 R&B (P).	497578/-	10000/-	350/-	Class-D	Three months
24	A/R & M/O on jeepable road from Shong Bus Stand to village Shong Km. 0/00 to 4/600 (SH:- C/O R/wall at RD. 0/375 to 0/390) 3054 R&B (N.P).	264491/-	5300/-	350/-	Class-D	Three months
25	A/R & M/O on Karchham Sangla Chhitkul road Km. 0/00 to 41/500 (SH:- Repair of pot holes at RD. 27/500 to 30/00) 3054 R&B (N.P).	481440/-	9700/-	350/-	Class-D	Two months
26	C/O link road from Chagaon to Chagaon Saring road Km 0/00 to 8/00 (Sub Head:- C/ O balance work of R/wall with C.C. toe wall at RD. 6/220 to 6/233) 5054 R&B (P).	489110/-	9800/-	350/-	Class-D	Three months
27	A/R & M/O on Karchham Sangla Chhitkul road Km. 0/00 to 41/500 (SH:- Repair of pot holes at RD. 30/500 to 32/900) 3054 R&B (N.P).	177480/-	3600/-	350/-	Class-D	Two months
28	A/R & M/O on jeepable road from Shong Bus Stand to village Shong Km. 0/00 to 4/600 (SH:- C/O R/wall at RD. 0/620 to 0/637) 3054 R&B (N.P).	491765/-	10000/-	350/-	Class-D	Three months
29	A/R & M/O on jeepable road from Shong Bus Stand to village Shong Km. 0/00 to 4/600 (SH:- C/O R/wall at RD. 1/750 to 1/774) 3054 R&B (N.P).	494843/-	10000/-	350/-	Class-D	Three months
30	A/R & M/O on jeepable road from Shong Bus Stand to village Shong Km. 0/00 to 4/600 (SH:- C/O R/wall at RD. 0/190 to 0/210) 3054 R&B (N.P).	412069/-	8300/-	350/-	Class-D	Three months

31	R/R damages on link road to Panpo Kanda Km. 0/00 to 6/00 (Sub Head:- Hiring of Excavator cum loader in working condition for removal of slips/ debries. at RD. 0/00 to 1/200). Under 8443 deposit.	125000/-	2500/-	350/-	Class-D	15 Days
32	A/R & M/O on link road from Chaura (Rupiu) Majhgaon Km. 0/00 to 27/050 (SH:- C/O B/wall at RD. 13/165 to 13/190) 3054 R&B (N.P).	496847	10000/-	350/-	Class-D	Three months
33	R/R damages on link road to village Thach Km. 0/00 to 3/500 (SH:- C/O R/wall in wire crate at RD. 3/070 to 3/115) 8443 Deposit	468218/-	9400/-	350/-	Class-D	Three months
34	R/R damages on Old H.T. road Tapri to kanam Km. 0/00 to 24/720 (SH:- C/O R/wall in wire crate at RD. 22/855 to 22/864) 8443 Deposit	493152/-	10000/-	350/-	Class-D	Three months
35	C/O link road from Palingche to Shong Km. 0/00 to 2/600 (Sub Head;- Re-alignment of road by F/C 5/7mtr. Wide at RD 2/200 to 2/300) 5054 R&B (P).	499822/-	10000/-	350/-	Class-D	Three months
36	A/R & M/O on Karchham Sangla Chhitkul road Km. 0/00 to 41/500 (SH:- C/O R/wall at RD. 24/200 to 24/210 and 24/235 to 24/246.50) 3054 R&B (N.P).	391475/-	8000/-	350/-	Class-D	Two months
37	C/O link road to Panpo Kanda Km. 0/00 to 6/00 (Sub Head:- F/C 3/5 mtr. wide road at RD. 1/345 to 1/555). Under 5054 R&B (P).	499729/-	10000/-	350/-	Class-D	Three Months
38	A/R & M/O on Karchham Sangla Chhitkul road Km. 0/00 to 41/500 (SH:- Repair of pot holes at RD. 19/00 to 22/500) 3054 R&B (N.P).	499800/-	10000/-	350/-	Class-D	Two months
39	A/R & M/O on Karchham Sangla Chhitkul road Km. 0/00 to 41/500 (SH:- White washing two coat on parapet walls and road side etc. at RD. 0/00 to 18/00) 3054 R&B (N.P).	100800/-	2100/-	350/-	Class-D	15 Days
40	A/R & M/O on Karchham Sangla Chhitkul road Km. 0/00 to 41/500 (SH:- C/O R/wall at RD. 23/580 to 23/594) 3054 R&B (N.P).	487103/-	9800/-	350/-	Class-D	Two months
41	A/R & M/O on Karchham Sangla Chhitkul road Km. 0/00 to 41/500 (SH:- Repair of pot holes at RD. 23/00 to 25/800) 3054 R&B (N.P).	497760/-	10000/-	350/-	Class-D	Two months
42	C/O link road to Panpo Kanda Km. 0/00 to 6/00 (Sub Head:- F/C 3/5 mtr. wide road at RD. 1/750 to 1/975). Under 5054 R&B (P).	484786/-	9700/-	350/-	Class-D	Three Months
43	A/R & M/O on Karchham Sangla Chhitkul road Km. 0/00 to 41/500 (SH:- Repair of pot holes at RD. 25/900 to 27/500) 3054 R&B (N.P).	489600/-	9800/-	350/-	Class-D	Two months
44	A/R & M/O on Karchham Sangla Chhitkul road Km. 0/00 to 41/500 (SH:- White washing two coat on parapet walls and road side etc. at RD. 18/00 to 41/500) 3054 R&B (N.P).	93627/-	1900/-	350/-	Class-D	15 Days
45	C/O jeepable road from Joktarang to Panvi Km. 0/00 to 1/400 (SH:- C/O B/wall at RD. 0/295 to 0/323 and C/O R/wall at RD0/315 to 0/325) 5054 R&B (P).	492461/-	10000/-	350/-	Class-D	Three months
46	Renovation and maintenance of GHS Sungra in Teshil Nichar District Kinnaur HP (SH:- P/F paneled glazed shutters, sheet Gutters and P/A paiting of GHS Sungra)	257767/-	5200/-	350/-	Class-D	Two months
47	A/R & M/O on jeepable road from Shong Bus Stand to village Shong Km. 0/00 to 4/600 (SH:- C/O R/wall at RD. 2/120 to 2/131) 3054 R&B N.P).	483490/-	9700/-	350/-	Class-D	Three months

SPECIAL CONDITIONS

1. The material shall be arranged by the contractor himself.
2. The detail of documents to be attached with the application is given below.

i Latest copy of renewal enlistment.
ii Copy of Pan Card.
iii Copy of GST No.

3. The offer of the tender shall be kept open for 90 days
4. Tender received after the specified time/date shall not be opened.
5. Executive Engineer, Karchham Division, HP.PWD, Bhabanagar Distt. Kinnaur H.P. reserves the right to reject any or all tender/s without assigning any reasons.
6. If due to any unforeseen reasons the office of the Executive Engineer, Karchham Division, HP.PWD, Bhabanagar Distt. Kinnaur remain closed on the notified date of sale and receipt of tender, tender will be sold and received/opened the next working day of same specified time.
7. Tenderers may contact the Executive Engineer for any further information they may require during the working day/ office hours.
8. The contractors are requested to insert the rate of each in words as well as in figures failing which Executive Engineer reserves the right to reject any or all tenders.
9. The labourcess shall allow/ deduction @ 2% TDS amount of GST (1% CGST and 1% SGST).
10. The labour cess @ 1% will be deducted from the gross amount of the bill
11. All the works are of urgent nature hence the contractor already having two works are not eligible to participate for the tendering.
12. A contractors enlisted in a particular class shall be eligible to tender for his own class and one step below as per Govt. notification.
13. The Contractor will have to submit the proof of registration under Employees Provident Funds & Miscellaneous Provision Act.1952 before award of work.
14. Cement should be purchased from H.P. State Civil Supply Corporation.
15. GST will be deducted from each bill as per latest instruction of the Government.

Executive Engineer,
Karchham Division,
HP.PWD Bhabanagar.

No.PW/BHNR/B&R/EA-I-Tender Notice/2024-25- 6623-32 Dated:- 15/10/2024

Copy forwarded for information to the:-
1. Engineer-in-Chief, HP.PWD, Shimla
2. Chief Engineer (SZ) HP.PWD, Shimla-1
3. Superintending Engineer, 11th Circle, HP.PWD, Rampur
4. All the Assistant Engineer working under this division
5. A/B & D/B in this office.
6. Notice board of this office.

Executive Engineer,
Karchham Division,
HP.PWD Bhabanagar.

Certificate

Certified that the tenders of the works invited vide this office NIT No.PW/BHNR/B&R/EA-I-Tender Notice/2024-25- 6623-32 Dated:- 15/10/2024 is of urgent nature in exigency of public interest.

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

Sos-1

Percentage Bill of Quantity

Estimated Cost:- 411180.00
Earnest Money:- 8300.00
Time:- Three Months

Name of work:-C/O balance motorable road from Jani (Chipurche) to Ramni (Fochitang) Km 0/00 to 1/480
Sub Head:- F/C 5/7 mtr wide road at RD. 1/050 to 1/063) 5054 R&B (P)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1.	Cutting in earth work in all depths and heights in hard rock with chiselling and wedging out of rock (where blasting is prohibited), or setting out to the required lines grades, side slopes, trimming of bottom and levels as shown on the drawing and as directed by by the Engineer-in-charge at site according to the HPPWD specifiocation 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 270.70 cubic metre failing which recovery @ Rs. 300/- per cubic metre shall be effected and transportation of the un useful material for filling in roadway embankements for grade improvement and level to required grades and then disposing off all surplus excavated material in acquired width of the road or on approved dumping site through all modes of transportations including head load, animal loads or mechanical means along with its levelling and fine dressing and carriage of all labour machinery, materials, tools, equipments and safety measured and other incidentals necessary to complete the work by mechanical means and or labor (if any required complete as per the direction of Engineer-in-Charge). Any loss to the public and private property during the course of execution and transportation of useful and un useful materials shall be absolute responsibility of the contractor which shall have to be dully compensated by him to full extent complete in all respects and in all cases.	978.44	420.24	Rupees four hundred twenty and twenty four paise only	Per cubic metre	411180.00
					Total	411180.00

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

SOS-R

Percentage Bill of Quantity

Estimated Cost:- 429568.00
Earnest Money:- 8400/-
Time:- Three Months

Name of work:-C/O jeepable road from Gurbale to Upper Kangos Km 0/00 to 0/800
Sub Head:- E/C 3/5mtr. Wide road at RD. 0/510 to 0/585 and C/O R/wall. in wire crate at RD 0/510 to 0/525 & 0/555 to 0/570) 5054 R&B (P)

Sr. No	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Cutting in earth work in all depths and heights in all kinds of soils including saturated soil comprising of pick work, jumper work and blasting work both in soft and hard rock with chiselling and wedging out of rock (where blasting is prohibited) or their intermediate classification of soil including dewatering wherever required. 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 specifiocation 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 22.29 cubic metre failing which recovery @ Rs. 300/- per cubic metre shall be effected and transportation of the un useful material for filling in roadway embankements for grade improvement and level to required grades and then disposing off all surplus excavated material in acquired width of the road or on approved dumping site through all modes of transportations including head load, animal loads or mechanical means along with its levelling and fine dressing and carriage of all labour machinery, materials, tools, equipments and safety measured and other incidentals necessary to complete the work by mechanical means and or labor (if any required complete as per the direction of Engineer-in-Charge). Any loss to the public and private property during the course of execution and transportation of useful and un useful materials shall be absolute responsibility of the contractor which shall have to be dully compensated by him to full extent complete in all respects and in all cases.	157.22	274.52	Rupees two hundred seventy four and fifty two paise only	Per cubic metre	43160.00
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 incidentials.	44.10	300.00	Rupees three hundred and zero paise only	Per cubic metre	13230.00
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 specificifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	117.30	3181.40	Rupees three thousand one hundred eighty one and fourty paise only	Per cubic metre	373178.00
					Total	429568.00

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

105-3

Percentage Bill Of Quantity

Estimated Cost 483423
Earnest Money: 9700/-
Time Limit :- Three mounths

Name of work:- C/O link road from Bari Bus Stand to Satkuting i/c parking at Jatida Km. 0/00 to 3/500
Sub Head:- Removal of slips/ land slide at RD. 0/00 to 3/500 and P/L stone soling at RD. 0/500 to 0/600, 1/200 to 1/300,1/450 to 1/500 and 1/750 to 1/800). 5054 R 2B (P)

Sr. No.	Description of item	Qty	Rate		Unit	Amount
			In figer	In words		
1	Removal of land slide in hilly area in oridinary rock not requiring blasting by mechnical means including cutting and trimming of slops and disposal of cut material with in all leads and lifts as per technical specification 302.3.5 and 1611 and as per the entire satisfaction and direction of Engineer-in-Charge.	672.45	153.00	Rupees one hundred fifty three and zero paise only	Per cubic metre	102885.00
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 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.	180.00	2114.10	Rupees two thousand one hundred fourteen and ten paise only	Per cubic metre	380538.00
Total						483423.00

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

SS-6

Percentage Bill Of Quantity

Estimated Cost:- 366432.00
Earnest Money:- 7400/-
Time Limit:- Two months

Name of work:- Rapair and maintainance of Type-02 quarter at solding. (SH-
P/L C.C , Panneling, Flooring and plaster in patches). 3054 Phase -I

Sr. No.	Description of Item	Qty.	Rate		Unit	Amount
			In figer	In words		
1	Cement concrete flooring 1:1.5:3 (One cement : Two sand : Four graded stone aggregate 20 mm (Twenty milimeters) nominal size) laid in one layer finished with a floating coat of neat Cement. 50mm (Fivety milimeters) thick. Including carriage of material within all leads and lifts and other incidental . The rate including of octroi, royality, Malkana, toll tax, GST or other taxes imposed by the Government. including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	12.00	9631.45	Rupees nine thousand six hundred thirty one and fourty five paise only	Per Cum.	115577.00
2	Repairs to plaster in patches of 2.50 Sq.M. and under and 10 to 15mm thick including cutting the patch in proper shape and replastering the Cement Mortar 1:3 inwalls and chhajjas including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	222.98	502.70	Rupees five hundred two and seventy paise only	Per Sqm.	112092.00
3	Wall painting(one coat)with plastic emulsion paint of approved brand and manufacture on decorated wall surface to give an even shade including thoroughly brushing the surface clean of all dirt grease,loose pieces of scale and sand papered smooth.including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	315.49	110.30	Rupees one hundred ten and thirty paise only	Per Sqm.	34799.00
4	Providing wood work in frames of false celling partitions etc. sawn and put-up in position with paint of superior make as approved by the Engineer-incharge,i/c cleaning the surface of ail dirt, scales, oil,grease and other foreign material etc. and lining out complete16.47.1 New work (Two or more coats) 1st class Deodar wood including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	0.87	119498.30	Rupees one lacs nineteen thousand four hundred ninety eight and thirty paise only	Per Cum.	103964.00
TOTAL:-						366432.00

Executive Engineer
Karchham Division
HPPWD at Bhabanagar

105-5

Percentage o Bill of Quantity

Estimated Cost:- 271980.00
Earnest Money:- 5500/-
Time:- Three Months

Name of work:- R/R damages on verious road under Karchham Division
Sub Head:- C/O Bed block Nathpa side on alternative route from det Sungra to Wangtoo)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Supplying, fitting and placing TMT bar reinforcement in superstucture 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.	1.44	103950.00	Rupees one lacs three thousand nine hundred fifty and zero paise only	Per Tonne	149688.00
2	Providing and laying concrete for plain/reinforced cement concrete 1:1.5:3 (One cement :to one point five sand :to three graded stone aggregate 25mm (twenty five millimetre) nominal size) in open foundation and curing complete including cost of form work in retaihing 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. M-25	15.15	8072.10	Rupees eight thousand seventy two and ten paise only	Per cubic metre	122292.00
					Total :-	**271980.00**

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

SOS-6

Percentage Bill Of Quantity

Estimated Cost :- 274129.00
Earnest Money :- 5500/-
Time Limit :- One month

Name Of Work:- R/R damages on Kafnoo Yangpa road Km. 0/00 to 5/00 SH :-
C/O embankment filling at RD 0/720 to 0/765. 8443 deposit-

S.No.	Description Of Uitem	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	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.	929.25	295.00	Rupees one hundred seventy eight and paise ten only	Per cubic metre	274129.00
TOTAL :-						274129.00

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

Sor-7

Percentage Bill of Quantity

Estimated Cost:- 492275.00
Earnest Money:- 10000/-
Time:- Three Months

Name of work:-C/O jeepable road from Gurbale to Upper Kangos Km 0/00 to 0/800
Sub Head:- F/C 3/5mtr. Wide road at RD. 0/600 to 0/675 and C/O R/wall in wire crate at RD 0/615 to 0/644) 0/555 to 0/570) 5054 R&B (P)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Cutting in earth work in all depths and heights in all kinds of soils including saturated soil comprising of pick work, jumper work and blasting work both in soft and hard rock with chiselling and wedging out of rock (where blasting is prohibited) or their intermediate classification of soil including dewatering wherever required, 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 specifiocation 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 24.17 cubic metre failing which recovery @ Rs. 300/- per cubic metre shall be effected and transportation of the un useful material for filling in roadway embankements for grade improvement and level to required grades and then disposing off all surplus excavated material in acquired width of the road or on approved dumping site through all modes of transportations including head load, animal loads or mechanical means along with its levelling and fine dressing and carriage of all labour machinery, materials, tools, equipments and safety measured and other incidentals necessary to complete the work by mechanical means and or labor (if any required complete as per the direction of Engineer-in-Charge). Any loss to the public and private property during the course of execution and transportation of useful and un useful materials shall be absolute responsibility of the contractor which shall have to be dully compensated by him to full extent complete in all respects and in all cases.	147.02	299.87	Rupees two hundred ninety nine and eighty seven paise only	Per cubic metre	44087.00
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 incidentials.	51.62	300.00	Rupees three hundred and zero paise only	Per cubic metre	15486.00
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 specificifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	136.01	3181.40	Rupees three thousand one hundred eighty one and fourty paise only	Per cubic metre	432702.00
					Total	492275.00

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

Annx-8

Percentage Bill of Quantity

Estimated Cost:- 482445.00
Earnest Money:- 9700/-
Time:- Three Months

Name of work:- C/O link road Nanaspo to Upper Tranda Km 0/00 to 3/500
Sub Head:- C/O B/wall at RD 1/350 to 1/365, & 2/223 to 2/240) 5054 R&B (P)

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 settling 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.	58.14	300.00	Rupees three hundred and zero paise only	Per cubic metre	17442.00
2	Proiding and laying concrete for plain/reinforced cement concrete 1:6:12 (One cement : isto six sand : isto twelve graded stone aggregate 40mm.(fourty 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.	8.96	4285.30	Rupees four thousand two hundred eighty five and thirty paise only	Per cubic metre	38396.00
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.	79.04	5259.15	Rupees five thousand two hundred fifty nineand fifteenpaise only	Per cubic metre	415683.00
4	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm.(One hundred milimetre) dia PVC pipe extneidng through the full with 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.	42.00	260.10	Rupees two hundred sixty and nil paise only	Each	10924.00
				TOTAL:-		482445.00

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

Sob - 9

Percentage Bill of Quantity

Estimated Cost:- 225000.00
Earnest Money:- 4500/-
Time:- 15 Days

Name of work:- R/R damages on Verious roads under Ponda Sub- Division

Sub Head:- Hiring of Excavator cum loader in working condition for removal of Slids/slips/ debries. on Nanaspo to Upper Tranda at RD. 0/00 to 3/500 and link roads Tranda to village Thach at RD. 0/00 to 3/500. 8443 Deposite.

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Hiring of Excavator cum loader in working condition having a 1.00 (one) cubic metre bucket capacity for removal of slips, snow, glacieras 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.	180.00	1250.00	Rupees one thousand two hundred fifty only	Per hours	225000.00
					Total	225000.00

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

SOS-10

Percentage Bill Of Quantity

Estimated Cost:- 412179.00
Earnest Money:- 8300/-
Time Limit:- Two months

Name of work:- Rapair and maintainance of Type-02 quarter at solding.
(SH- P/L C.C , Panneling, Flooring and plaster in patches). Phase - II 3054

Sr. No.	Description of Item	Qty.	Rate		Unit	Amount
			In figer	In words		
1	Providing and fixing wooden plank ceiling with tongued and grooved jointing and wood screws (frame work and cover fillets to be measured and paid for	58.64	3486.85	Rupees three thousand four	Per Sqm.	204469.00
2	Polishing two coats with malamine polish of required shade 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 material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	58.64	328.00	Rupees three hundred twenty eight andzero paise only	Per Sqm.	19234.00
3	Providing and fixing water storage tank of ISI-1270 with cover and locking arrangement.1000 ltre net capacity tank. including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	4.00	10420.50	Rupees ten thousand four hundred twenty and fifty paise only	Each	41682.00
4	Providing and fixing C.P. stop cock 15mm dia including carriage of all labour, material and equipments to various location through all modes of transportation as per HPPWD specification 1990 vol.I including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	4.00	573.60	Rupees five hundred seventy three and sixty paise only	Each	2294.00
5	Steel work welded in built up sections,trusses and framed work,including cutting ,hoisting fixing in position and applying a priming coat of red lead paint. In beams joists channels ,angles tee ,flats with connecting plates or angle cleats as in main and cross beams,hip and jack rafters,purlins connected to common rafters and the like.ncluding carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	273.00	123.05	Rupees one hundred twenty three and zero five paise only	Per Kg.	33593.00

6	P/F HDF flooring 10 mm thick over flooring including carriage of material labour tool and plants through all modes of transportation within all leads as per direction of the Engineer in charge.ncluding carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	42.21	2500.00	Rupees two thousand five hundred andzero paise only	Per Sqm.	105525.00
7	providing and fixing PPF composite pressure pipe U.V.stabilized with carbon black confirming to IS-15450-2004 water supply including clamp at one meter spacing,cutting,fixing and makingn good the wall etc.but excluding the cost of fittings (internal work) pipes exposed on the wall.ncluding carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge	15.00	358.80	Rupees three hundred fifty eight and eighty paise only	Per Rmt.	5382.00
Total:-						412179.00

Executive Engineer
Karchham Division
HPPWD at Bhabanagar

Sos-11

Percentage Bill of Quantity

Estimated Cost:- 404286.00
Earnest Money:- 8100/-
Time:- Three Months

Name of work:-C/O link road from NH-05 to Rest House Chaura Km 0/00 to 3/500
Sub Head:- C/O B/wall in wire crate at RD 0/370 to 0/385 and 0/236 to 0/253) 5054 R&B (P)

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.	35.60	210.25	Rupees two hundred ten and twenty five paise only	Per cubic metre	7485.00
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 incidentials.	13.63	300.00	Rupees three hundred and zero paise only	Per cubic metre	4089.00
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 specificifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	123.44	3181.40	Rupees three thousand one hundred eighty one and fourty paise only	Per cubic metre	392712.00
					Total	404286.00

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

Sor-12

Percentage Bill of Quantity

Estimated Cost:- 405252.00
Earnest Money:- 8100.00
Time:- Three Months
Sub Head:-

Name of work:- Improvement of Blackspot on PHC Tangling road Km 0/00 to 1/630
Providing and fixing "W" metal beam crash barrier railing at R.D 0/105 to 0/150 , 0/250 to 0/274 and PCC perapets at RD. 0/00 to0/105). 5054 R&B (P)

S.No	Description	Qty.	Rate		Unit	Amount
			In figer	In words		
1	Demolishing stone rubber masonary manually/ mechanical means i/c staking of serviceable material and disposal of unserviceable material within 50mtr lead as per direction of Engineer -in -Chief.	5.59	1011.75	Rupees one thousand eleven and seventy five paise only	Per Cum.	5656.00
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.	11.97	6068.35	Rupees six thousand sixty eight and thirty five paise only	Per cubic metre	72638.00
3	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.	5.59	6993	Rupees six thousand nine hundred ninety three and zero paise only	Per Cum.	39091.00
4	Providing and erecting a "W" Metal Beam Crash Barrier comprising of 3mm thick corrugated sheet metal beam guard rail 70cm. Above road/ ground level fixed on ISMC series channel vertical posts 150x75x5mm thick spaced 1.50 metre centre to centre 1.80 metre high 1.10 metre below ground/ road level all steel parts and fitments to be galvanised by hot deep process, all fittings to confirm to IS: 1364, metal beam guard rail to be fixed on the vertical posts with a spacer of channel section 150x75x5mm, 330mm long complete as per clause 810 within all leads and lifits carriage of material and other incidentials.and as per the direction of Engineer In charge	72.00	3998.15	Rupees three thousand nine hundred ninety eight and fifteen paise only	Per Rmt.	287867.00
TOTAL:-						405252.00

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

05-13

Percentage Bill of Quantity

Estimated Cost:- 438667.00
Earnest Money:- 8800.00
Time:- Three Months

Name of work:- Improvement of blackspot on link road Shongthon to Purbani Km 0/00 to 106300
Sub Head:- Providing and fixing "W" metal beam crash barrier railling at R.D 0/575 to 0/611 with PCCedging at RD. 0/575 to 0/607) Under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation in hard rock (blasting prohibited) for founddation structures upto all depth height 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.	17.68	497.50	Rupees four hundred ninety seven and fifty paise only	Per cubic metre	8796.00
2	Supplying, fitting and placing TMT bar reinforcement in superstucture 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.	132.84	104.60	Rupees one one hundred four and sixty paise only	Per Kg.	13895.00
3	Proiding and laying concrete for plain/reinforced cement concrete 1:3:6 (One cement isto three sand isto six graded stone aggregate 20mm.(twenty 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.	42.68	6068.35	Rupees six thousand sixty eight and thirty five paise only	Per cubic metre	258997.00
4	Providing and erecting a "W" Metal Beam Crash Barrier comprising of 3mm thick corrugated sheet metal beam guard rail 70cm. Above road/ ground level fixed on ISMC series channel vertical posts 150x75x5mm thick spaced 1.50 metre centre to centre 1.80 metre high 1.10 metre below ground/ road level all steel parts and fitments to be galvanised by hot deep process, all fittings to confirm to IS: 1364, metal beam guard rail to be fixed on the vertical posts with a spacer of channel section 150x75x5mm, 330mm long complete as per clause 810 within all leads and lifits carriage of material and other incidentials.and as per the direction of Engineer In charge	32.00	3998.15	Rupees Three thousand nine hundred ninety eight and fifteen paise only	Per Running metre	127941.00
5	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specifiction within all leads and lifts and as per the direction of Engineer-in-charge.	19.20	970.50	Rupees nine hundred seventy and fifty paise only	Per cubic metre	18634.00
6	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm.(One hundred milimetre) dia PVC pipe extneidng through the full with 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.	40.00	260.10	Rupees two hundred fifty and zero paise only	Each	10404.00
					Total	**438667.00**

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

105-14

Percentage Bill of Quantity

Estimated Cost:- 290000.00

Earnest Money:- 5800/-

Time:- One Month

Name of Work:- R/R damages on Nichar to Wangtoo road Km. 0/00 to 4/240.

SH:- Hiring of Tipper 505cum. Capecity in working condition for shifting of muck at RD. 0/00 to 4/240. 8443 Depodite

S.No.	Description of Item	Qty.	Rate		Unit	Amount
			in figers	in words		
1	Tipper 5.5 cum capacity having lift system for carraige of material to different sites of work with in all leads and lifts and to the entire stisfaction of the Engineer -in -charge. The tipper shoud work minimum 7 hrsfrom 9.00 AM to 5.00 PM daily.Any loss to public / private property or any accidant etc. happened during the course of hiring period shall be absolute responsibility of the owner which shall have to be fully compensated by him in all cases. The fuel of the tipper , driver and repair work shall have to be borne by the tiper owner. The detaail log book shall be maintained at site which should be daily verified by the Engineer -in -charge.	50.00	5800.00	Rupees five thousand and paise zero only	Per Day	290000.00
	Total:-					290000.00

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

105 - 15

Percentage Bill of Quantity

Estimated Cost:- 495441.00
Earnest Money:- 10000/-
Time:- Two Months

Name of work:- C/O jeepable road from Choling to Rangle Km 0/00 to 2/200
Sub Head:-C/O damping yard for disposal of cut materials generated from F/C work at GMS Choling) Under TASP 5954228(P)

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.	20.25	300.00	Rupees three hundred and zero paise only	Per cubic metre	6075.00
2	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 specificifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	151.20	3236.55	Rupees three thousand two hundred thirty six and fifty five paise only	Per cubic metre	489366.00
			Total:-			495441.00

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

Re-Carriageboard of Quantity

Job- 56 16

Estimated Cost:- 449024.00
Earnest Money:- 9000.00
Time:- Two Months

Name of work:- AR and MO on KSC road KM 0/00 to 41/500.

Sub Head:- C/o R/wall at RD 25/700 to 25/720 3554 RQB (ND)

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.	36.00	300.00	Rupees Three hundred only	Per cubic metre	10800.00
2	Providing and laying ceent 1:4:8 (one cement : four sand: eight 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.	76.65	5309.90	Rupees Five thousand three hundred and nine and paise ninety only	Per cubic metre	407004.00
3	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm.(One hundred milimetre) dia PVC pipe extneidng through the full with 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.	26.00	260.10	Rupees Two hundred sixty and Paisa ten only	Each	6763.00
4	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specifiction within all leads and lifts and as per the direction of Engineer-in-charge.	25.20	970.50	Rupees Nine hundred seventy and paisa fifty Only	Per cubic metre	24457.00
					Total	**449024.00**

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

Sos-17

Percentage Bill of Quantity

Estimated Cost:- 429821.00
Earnest Money:- 8600.00
Time:- Three Months

Name of work:-C/O balance moforable road from Jani (Chipurche) to Ramni (Fochitang) Km 0/00 to 1/480
Sub Head:- F/C 5/7 mtr wide road at RD. 0/905 to 0/926) 5054 R&B (P)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Cutting in earth work in all depths and heights in hard rock with chiselling and wedging out of rock (where blasting is prohibited), or setting out to the required lines grades, side slopes, trimming of bottom and levels as shown on the drawing and as directed by by the Engineer-in-charge at site according to the HPPWD specifiocation 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 20% cubic metre failing which recovery @ Rs. 300/- per cubic metre shall be effected and transportation of the un useful material for filling in roadway embankements for grade improvement and level to required grades and then disposing off all surplus excavated material in acquired width of the road or on approved dumping site through all modes of transportations including head load, animal loads or mechanical means along with its levelling and fine dressing and carriage of all labour machinery, materials, tools, equipments and safety measured and other incidentals necessary to complete the work by mechanical means and or labor (if any required complete as per the direction of Engineer-in-Charge). Any loss to the public and private property during the course of execution and transportation of useful and un useful materials shall be absolute responsibility of the contractor which shall have to be dully compensated by him to full extent complete in all respects and in all cases.	1022.80	420.24	Rupees four hundred twenty and twenty four paise only	Per cubic metre	429821.00
					Total	429821.00

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

108-18

Percentage Bill of Quantity

Estimated Cost:- 496358.00
Earnest Money:- 10000/-
Time:- Three Months

Name of work:- C/O motorable road from Yulla Bus Stand to village Yulla Km 0/00 to 1/600

Sub Head:- F/C 5/7 mtr wide road at RD. 0/660 to 0/705 and C/O hume pipe culvert at RD. 0/660 to 0/672) 5054 R&B (P)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Cutting in earth work in all depths and heights in hard rock with chiselling and wedging out of rock (where blasting is prohibited), or setting out to the required lines grades, side slopes, trimming of bottom and levels as shown on the drawing and as directed by by the Engineer-in-charge at site according to the HPPWD specifiocation 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 81.57 cubic metre failing which recovery @ Rs. 300/- per cubic metre shall be effected and transportation of the un useful material for filling in roadway embankements for grade improvement and level to required grades and then disposing off all surplus excavated material in acquired width of the road or on approved dumping site through all modes of transportations including head load, animal loads or mechanical means along with its levelling and fine dressing and carriage of all labour machinery, materials, tools, equipments and safety measured and other incidentals necessary to complete the work by mechanical means and or labor (if any required complete as per the direction of Engineer-in-Charge). Any loss to the public and private property during the course of execution and transportation of useful and un useful materials shall be absolute responsibility of the contractor which shall have to be dully compensated by him to full extent complete in all respects and in all cases.	453.16	326.90	Rupees three hundred twenty six and ninety paise only	Per cubic metre	148138.00
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 incidentials.	42.05	300.00	Rupees three hundred and zero paise only	Per cubic metre	12615.00
3	Proiding and laying concrete for plain/reinforced cement concrete 1:6:12 (One cement isto six sand isto twelve graded stone aggregate 40mm.(fourty 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.	2.58	4315.25	Rupees four thousand three hundred fifteen and twenty five paise only	Per cubic metre	11133.00

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.	37.28	5295.60	Rupees five thousand two hundred ninety five and sixty paise only	Per cubic metre	197420.00
5	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm (One hundred milimetre) dia PVC pipe extneidng through the full with 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.	12.00	260.10	Rupees two hundred sixty and ten paise only	Each	3121.00
6	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specifiction within all leads and lifts and as per the direction of Engineer-in-charge.	12.00	970.50	Rupees nine hundred seventy and fifty paise only	Per cubic metre.	11646.00
7	Proiding and laying concrete for plain/reinforced cement concrete 1:3:6 (One cement isto three sand isto six graded stone aggregate 20mm (twenty 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.	1.55	6068.35	Rupees six thousand sixty eight and thirty five paise only	Per cubic metre	9406.00
8	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.	2.97	5294.80	Rupees five thousand two hundred ninety four and eighty paise only	Per cubic metre	15726.00
9	Random rubble stone masonry in cement mortar 1:4 (one cement: four 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.	8.71	5500.00	Rupees five thousand and zero paise only	Per cubic metre	47905.00
10	Providing and laying 900 mm dia 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 works, backfilling, concrete and masonry works in head walls and parapets Clause 1106 as per drawing and technical specifiction within all leads and lifts and as per the direction of Engineer-in-charge.	7.50	5000.00	Rupees five thousand and zero paise only	per Rmt.	37500.00
11	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.	0.25	6993.00	Rupees six thousand nine hundred ninety three and zero paise only	Per cubic metre	1748.00
				TOTAL :-		496358.00

Executive Engineer
Karchham Division HP. PWD:
Karabhram at Bhaba Nagar

SOR-19

Percentage Bill of Quantity

Estimated Cost:- 375000.00
Earnest Money:- 7500/-
Time:- 15 Days

Name of work:- R/R damages on Nichar Wangtoo road Km. 0/00 to 4/240.

Sub Head:- Hiring of Excavator cum loader in working condition for removal of Slids/slips/ debries at RD. 0/00 to 4/240. 8443 Deposite.

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Hiring of Excavator cum loader in working condition having a 1:00 (one) cubic metre bucket capacity for removal of slips, snow, glacieras 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.	300.00	1250.00	Rupees one thousand two hundred fifty only	Per hours	375000.00
					Total	375000.00

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

Percentage Bill of Quantity

Estimated Cost :- 483388.00
Earnest Money :- 9700/-
Time :- Three Months

Name of work :- A/R & M/O on link road fromUrni Bus Stand to village Urni Km. 0/0 to 0/725.
Sub Head :- C/O inter locking concrate block at RD. 0/133 to 0/193) 3054 R7B (NP).

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.	21.60	300.00	Rupees three hundred and zero paise only	Per cubic metre	6480.00
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 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.	21.60	1960.65	Rupees one thousand nine hundred sixty and sixty five paise only	Per cubic metre	42350.00
3	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.	21.60	4315.25	Rupees three thousand three hundred fifteen and twenty five paise only	Per cubic metre	93209.00
4	Providing and laying 60 mm (sixty millimetre) thick heavy duty precast cement concrete interlocking paver blocks vibro compacted upto M-50 (fifty) grade including border or curves block grey or coloured over sub base of concrete with 25mm (twenty five millimetre) thick average thickness of cement mortar 1:4 (one cement : four sand) laid over and jointed with neat cement slurry mixed with pigment to match the shade of blocks including curing rubbing and polishing complete including carriage of materials within all leads, lifts and other incidental charges complete in all respect.	144.00	1497.30	Rupees one thousand four hundred ninety seven and thirty paise only	Per square metre	215611.00

5	Providing and laying hand mixing plain cement concrete M-15 (fifteen) grade nominal mix 1:2.5:5 (one cement : two and half sand : five graded stone aggregate 40 mm (forty millimetre) nominal size) in open foundations and plinths as per drawings and technical specification for rural roads clause 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	7.37	6270.70	Rupees six thousand two hundred seventy and seventy paise only	Per cubic metre	46215.00
6	Supplying, fitting and placing TMT bar reinforcement in superstucture 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.	760.26	104.60	Rupees one hundred four and sixty paise only	Per Kg.	79523.00
					Total:-	483388.00

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

105-21

Percentage Bill of Quantity

Estimated Cost:- 498417.00
Earnest Money:- 10000/-
Time:- Three Months

Name of work:- C/O link road from N H -05 to Forest Rwest House Chaura Km 0/00 to 3/500
Sub Head:- C/O R/wall at RD 0/060 to ~~0/70~~ 0/0707. SR.54 R.B ID

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.	14.50	285.00	Rupees two hundred eighty five and zero paise only	Per cubic metre	4133.00
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.	51.00	5251.20	Rupees five thousand two hundred fifty one and twenty paise only	Per cubic metre	267811.00
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.	43.10	5106.10	Rupees five thousand two hundred fourty six and thirty paise only	Per cubic metre	220073.00
4	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm.(One hundred milimetre) dia PVC pipe extneidng through the full with 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.	18.00	250.00	Rupees two hundred fifty and zero paise only	Each	4500.00
5	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specifiction within all leads and lifts and as per the direction of Engineer-in-charge.	2.00	950.00	Rupees nine hundred fifty and zero paise only	Per cubic metre	1900.00
				Total :-		498417.00

Executive Engineer,
Karchham Division,
HPPWD, Bhaba Nagar.

SOB-22

Percentage Bill of Quantity

Estimated Cost:- 492367.00
Earnest Money:- 9900/-
Time:- Three Months

Name of work:- Improvement of blackspot on Karchham to Shong road Km 0/00 to 7/915
Sub Head:- Providing and fixing "W" metal beam crash barrier railling at R.D 0/080 to 0/180) 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 incidentials.	9.77	300.00	Rupees three hundred and zero paise only	Per cubic m	2931.00
2	Proiding and laying concrete for plain/reinforced cement concrete 1:3:6 (One cement isto three sand isto six graded stone aggregate 20mm (twenty 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.	6.30	6068.35	Rupees six thousand sixty eight and thirty five paise only	Per cubic m	38231.00
3	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.	7.20	6993.00	Rupees six thousand nine hundred ninety threer and zeropaise only	Per cubic metre	50350.00
4	Providing and erecting a "W" Metal Beam Crash Barrier comprising of 3mm thick corrugated sheet metal beam guard rail 70cm. Above road/ ground level fixed on ISMC series channel vertical posts 150x75x5mm thick spaced 1.50 metre centre to centre 1.80 metre high 1.10 metre below ground/ road level all steel parts and fitments to be galvanised by hot deep process, all fittings to confirm to IS: 1364, metal beam guard rail to be fixed on the vertical posts with a spacer of channel section 150x75x5mm, 330mm long complete as per clause 810 within all leads and lifits carriage of material and other incidentials.and as per the direction of Engineer In charge	100.00	3998.15	Rupees Three thousand nine hundred ninety eight and fifteen paise only	Per Running	399815.00
5	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm.(One hundred milimetre) dia PVC pipe extneidng through the full with 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.	4.00	260.10	Rupees two hundred fifty and zero paise only	Each	1040.00
					Total	492367.00

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

J05-23

Percentage Bill of Quantity

Estimated Cost:- 497578.00
Earnest Money:- 10000/-
Time:- Three Months

Name of work:- C/O jeepable road from Joktarang to Panvi road Km. 0/0 to 1/400
Sub Head:- C/O R/wall at RD 0/265 to 0/314) 5054 RDB (P)

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.	49.00	300.00	Rupees three hundred and zero paise only	Per cubic metre	14700.00
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.	12.25	4298.55	Rupees four thousand three hundred fifteen and twenty five paise only	Per cubic metre	52657.00
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.	76.05	5278.05	Rupees five thousand two hundred ninety five and sixty paise only	Per cubic metre	401396.00
4	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm.(One hundred milimetre) dia PVC pipe extneidng through the full with 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.	45.00	260.10	Rupees two hundred sixty and ten paise only	Each	11705.00
5	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specifiction within all leads and lifts and as per the direction of Engineer-in-charge.	17.64	970.50	Rupees nine hundred seventy and fifty paise only	Per cubic metre	17120.00
					TOTAL:-	497578.00

Executive Engineer
Karchham Division
HPPWD at Bhabanagar

108-[illegible] 24

Percentage Bill of Quantity

Estimated Cost:- 264491.00
Earnest Money:- 5300/-
Time:- Three Months

A122

Name of work:- M/O jeepable road from Shong Bus Stand to village Shong Km 0/00 to 4/600
Sub Head:- C/O R/wall at RD. 0/375 to 0/390). 5054 R& B (P).

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 braping, 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.	22.05	300.00	Rupees three hundred and nil paise only	Per cubic metre	6615.00
2	Providing and laying ceent 1:4 8 (one cement four sand eight graded stone aggregate 25mm (twenty five 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.	5.18	5294.80	Rupees five thousand two hundred ninety five and eighty paise only	Per cubic metre	27427.00
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.	39.65	5295.60	Rupees five thousand two hundred ninety five and sixty paise only	Per cubic metre	209971.00
4	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm.(One hundred milimetre) dia PVC pipe extneidng through the full with 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.	25.00	260.10	Rupees two hundred sixty and ten paise only	Each	6503.00
5	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specifiction within all leads and lifts and as per the direction of Engineer-in-charge.	14.40	970.50	Rupees nine hundred seventy and fifty paise only	Per cubic metre	13975.00
					Total	264491.00

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

Percetage Bill Of Quantity

Estimated Cost - 481440 00
Earnest money - 9700/-
Time Limit - Two Months

Name of work:- A/R & M/O on Karchham Sangla Chhitkul road Km 0/00 to 41/500
Sub Head:- Repair of Pot holes between Km 27/500 to 30/00

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			in figer	in words		
1	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat 20 mm thick pre-mix carpet and seal coat type B specification Clause 1904.2,503 and 508 1 including carriage of material in all leads lifts as per the entire satisfaction and direction of Engineer-in-charge.	1180.00	408.00	Rupees four hundred and zero paise only	Per squar metre	481440.00
					Total	481440.00

Executive Engineer,
Karchham Division,
HPPWD, Bhabanagar

/08 – 26

Percentage Bill of Quantity

Estimated Cost:- 489110.00
Earnest Money:- 9800/-
Time:- Three Months

Name of work:-C/O Chagaon to Chagaon Saring road Km 0/00 to 8/00
Sub Head:- C/O balance R/wall with C.C. toe wall at RD 6/220 to 6/233) 5054 R&B 18

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.	20.02	285.00	Rupees two hundred eighty five and zero paise only	Per cubic metre	5706.00
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete 1:2:4 (one cement : two sand : four graded/crushed stone aggregate 40mm (forty millimetre) nominal mix curing complete within all leads, lifts carriage of material and other incidentials.	31.23	6819.90	Rupees six thousand eight hundred nineteen and paise ninety only	Per cubic metre	212985.00
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.	48.42	5288.00	Rupees five thousand two hundred eighty eight and zero paise only	Per cubic metre	256045.00
4	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm.(One hundred milimetre) dia PVC pipe extneidng through the full with 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.	16.00	250.00	Rupees two hundred fifty and nil paise only	Each	4000.00
5	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specifiction within all leads and lifts and as per the direction of Engineer-in-charge.	10.92	950.00	Rupees nine hundred fifty and nil paise only	Per cubic metre	10374.00
					Total	**489110.00**

Executive Engineer
Karchham Division,
HPPWD at Bhaba Nagar.

Sos-47

Percetage Bill Of Quantity

Estimated Cost - 177480.00
Earnest money - 3600/-
Time Limit - Two Months

Name of work:- A/R & M/O on Karchham Sangla Chhitkul road Km 0/00 to 41/500
Sub Head.- Repair of Pot holes between Km 30/500 to 32/900 3054 R&B (NP)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			in figer	in words		
1	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat 20 mm thick pre-mix carpet and seal coat type B specification Clause 1904.2,503 and 508.1 including carriage of material in all leads lifts as per the entire satisfaction and direction of Engineer-in-charge.	435.00	408.00	Rupees four hundred and zero paise only	Per squar metre	177480.00
					Total	177480.00

Executive Engineer
Karchham Division,
HPPWD, Bhabanagar

105-28

Percentage Bill of Quantity

Estimated Cost:- 491765.00
Earnest Money:- 10000/-
Time:- Three Months

A/22

Name of work:- C/O jeepable road from Shong Bus Stand to village Shong Km 0/00 to 4/600
Sub Head:- C/O R/wall at RD. 0/620 to 0/637). 5054 R& B (P).

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 braping, 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.	34.88	300.00	Rupees three hundred and nil paise only	Per cubic metre	10464.00
2	Providing and laying ceent 1:4:8 (one cement, four sand, eight graded stone aggregate 25mm (twenty five 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.	7.04	5294.80	Rupees five thousand two hundred ninety five and eighty paise only	Per cubic metre	37275.00
3	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for structure like retaining walls, breast walls wing walls, toe walls, abutment and similar works etc. in all heights complete as per drawing and technical specification clauses 702, 704, 1202 & 1204 and curing complete including carriage of materials in all leads lifts as per the entire satisfaction and direction of Engineer-in-Charge.	77.79	5295.60	Rupees five thousand two hundred ninety five and sixty paise only	Per cubic metre	411945.00
4	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm.(One hundred milimetre) dia PVC pipe extneidng through the full with 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.	32.00	260.10	Rupees two hundred sixty and ten paise only	Each	8323.00
5	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specifiction within all leads and lifts and as per the direction of Engineer-in-charge.	24.48	970.50	Rupees nine hundred seventy and fifty paise only	Per cubic metre	23758.00
					Total	491765.00

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

108-29

Percent Bill of Quantity

Estimated Cost:- 494843.00
Earnest Money - 10000/-
Time:- Three Months

Name of work:- C/O jeepable road from Shong Bus Stand to village Shong Km 0/00 to 4/600
Sub Head:- C/O R/ wall in)wire crate at RD. 1/750 to 1/774) 5054 R&B (P).

	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.	31.20	300.00	Rupees three hundred and zero paise only	Per cubic metre	9360.00
	2	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 weighting not less than 25 kg. (twenty five kilogram) each as per drawing and technical specificifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	150.00	3236.55	Rupees three thousand two hundred thirtysix and paisefifty five only	Per cubic metre	485483.00
	3	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specifiction within all leads and lifts and as per the direction of Engineer-in-charge.	44.64	970.50	Rupees nine hundred seventy and fifty paise only	Per cubic metre	43323.00
						Total	494843.00

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

1005-30

Percentage Bill of Quantity

Estimated Cost:- 412069.00
Earnest Money:- 8300/-
Time:- Three Months

A/R 2

Name of work :- C/O jeepable road from Shong Bus Stand to village Shong Km 0/00 to 4/600
Sub Head :- C/O R/ wall in wire crate at RD. 0/190 to 0/210) 5054 R&B (P).

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.	25.00	300.00	Rupees three hundred and zero paise only	Per cubic metre	7500.00
2	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 weighting not less than 25 kg. (twenty five kilogram) each as per drawing and technical specificifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	125.00	3236.55	Rupees three thousand two hundred thirtysix and paisefifty five only	Per cubic metre	404569.00
3	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specifiction within all leads and lifts and as per the direction of Engineer-in-charge.	37.20	970.50	Rupees nine hundred seventy and fifty paise only	Per cubic metre	36103.00
					Total	412069.00

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

Yes contingency 8% Schedule of Quantity

Estimated Cost:- 125000.00
Earnest Money:- 2500/-
Time:- 15 Days

105-31

Name of work:- R/R damages on Link road to Panpo Kanda KM 0/00 to 6/00

Sub Head:- Hiring of Excavator cum loader in working condition for removal of Slids/slips/ debries on link road to Pandpo Kanda KM 0/00 to 1/200 8443 Deposit

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Hiring of Excavator cum loader in working condition having a 1.00 (one) cubic metre bucket capacity for removal of slips, snow, glacieras 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.	100.00	1250.00	Rupees one thousand two hundred fifty only	Per hours	125000.00
					Total	125000.00

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

105-32

Percentage Bill of Quantity

Estimated Cost:- 496847.00
Earnest Money:- 10000/-
Time:- Three Months

Name of work:- A/R & M/O on link road from Chaura (Rupi) Majhgaon Km. 0/0 to 27/050
Sub Head:- C/O R/wall at RD 13/165 to 13/190) 3054 R&B (NP).

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	32.16	210.25	Rupees two hundred ten and twenty five paise only	Per cubic metre	6762.00
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 incidentials.	35.78	300.00	Rupees three hundred and zero paise only	Per cubic metre	10734.00
3	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.	7.95	4285.30	Rupees five thousand two hundred ninety four and eighty paise only	Per cubic metre	34068.00
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.	82.69	5259.15	Rupees five thousand two hundred fifty nine and fifteen paise only	Per cubic metre	434879.00
5	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm (One hundred milimetre) dia PVC pipe extneidng through the full with 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	40.00	260.10	Rupees two hundred sixty and ten paise only	Each	10404.00
					Total	496847.00

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

JOS-33

Percentage Bill of Quantity

Estimated Cost - 468218 00
Earnest Money - 9400/-
Time:- Three Months

Name of work:-R/R damages on link road to village Thach Km 0/00 to 3/500
Sub Head:- C/O R/wall in wire crate at RD 3/075 to 3/115) 8443 Deposit.

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.	41 10	300.00	Rupees three hundred and zero paise only	Per cubic metre	12330.00
2	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 specificifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	136 80	3181.40	Rupees three thousand one hundred eighty one and fourty paise only	Per cubic metre	435216.00
3	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specifiction within all leads and lifts and as per the direction of Engineer-in-charge	21.30	970.50	Rupees nine hundred seventy and fifty paise only	Per cubic metre	20672.00
					Total	468218.00

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

Sos-34

Percentage Bill of Quantity

Estimated Cost :- 493152.00
Earnest Money :- 10000/-
Time:- Three Months

Name of work.- R/R damages on Old H.T. road Tapri to Kanam Km. 0/00 to 24/720.
Sub Head :- C/O R/ wall in wire crate at RD. 22/855 to 22/864)3054 R&B (NP).

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.	43.20	300.00	Rupees three hundred and zero paise only	Per cubic metre	12960.00
2	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 specificifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	142.56	3236.55	Rupees three thousand two hundred thirtysix and paisefifty five only	Per cubic metre	461403.00
3	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.	66.96	280.60	Rupees two hundred eighty and sixty paise only	Per cubic metre	18789.00
					Total	493152.00

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

J05-35

Percentage Bill of Quantity

Estimated Cost - 499822 00
Earnest Money - 10000/-
Time:- Three months

Name of work -C/O link road from Palingche to Shong Km 0/00 to 2/600
Sub Head.- Realignment of the road by F/C 5/7 mtr. Wide road at RD. 2/200 to 2/300)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Cutting in earth work in all depths and heights in all kinds of soils including saturated soil comprising of pick work, jumper work and blasting work both in soft and hard rock with chiselling and wedging out of rock (where blasting is prohibited) or their intermediate classification of soil including dewatering wherever required, 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 specifiocatron 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 275 16 cubic metre failing which recovery @ Rs 300/- per cubic metre shall be effected and transportation of the un useful material for filling in roadway embankements for grade improvement and level to required grades and then disposing off all surplus excavated material in acquired width of the road or on approved dumping site through all modes of transportations including head load, animal loads or mechanical means along with its levelling and fine dressing and carriage of all labour machinery, materials, tools, equipments and safety measured and other incidentals necessary to complete the work by mechanical means and or labor (if any required complete as per the direction of Engineer-in-Charge). Any loss to the public and private property during the course of execution and transportation of useful and un useful materials shall be absolute responsibility of the contractor which shall have to be dully compensated by him to full extent complete in all respects and in all cases.	1756.4	284.58	Rupees two hundred eighty four and fifty eight paise only	Per cubic metre	499822.00
					Total	499822.00

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

Schedule of Quantity

Job- 36

Estimated Cost:- 391475.00
Earnest Money:- 8000.00
Time:- Two Months

Name of work:- AR and MO on KSC road KM 0/00 to 41/500.

Sub Head:- C/o R/wall at RD 24/200 to 24/210 and 24/235 to 24/246.50 3054 RLB (NP).

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.	35.21	300.00	Rupees Three hundred only	Per cubic metre	10563.00
2	Providing and laying ceent 1:4:8 (one cement : four sand: eight 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.	68.30	5309.90	Rupees Five thousand three hundred and nine and paise ninety only	Per cubic metre	362666.00
3	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm.(One hundred milimetre) dia PVC pipe extneidng through the full with 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.	20.00	260.10	Rupees Two hundred sixty and Paisa ten only	Each	5202.00
4	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specifiction within all leads and lifts and as per the direction of Engineer-in-charge.	13.44	970.50	Rupees Nine hundred seventy and paisa fifty Only	Per cubic metre	13044.00
					Total	**391475.00**

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar

Percentage Bill of Quantity

Estimated Cost:- 499729 00
Earnest Money:- 10000/-
Time:- Three Months

Name of work:-C/O link road to Panpo Kanda Km 0/00 to 6/00
Sub Head:- F/C 3/5 mtr wide road at RD 1/345 to 1/555)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Cutting in earth work in all depths and heights in hard rock with chiselling and wedging out of rock (where blasting is prohibited), or setting out to the required lines grades, side slopes, trimming of bottom and levels as shown on the drawing and as directed by by the Engineer-in-charge at site according to the HPPWD specifiocation 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 298.92 cubic metre failing which recovery @ Rs. 300/- per cubic metre shall be effected and transportation of the un useful material for filling in roadway embankements for grade improvement and level to required grades and then disposing off all surplus excavated material in acquired width of the road or on approved dumping site through all modes of transportations including head load animal loads or mechanical means along with its levelling and fine dressing and carriage of all labour machinery, materials, tools, equipments and safety measured and other incidentals necessary to complete the work by mechanical means and or labor (if any required complete as per the direction of Engineer-in-Charge). Any loss to the public and private property during the course of execution and transportation of useful and un useful materials shall be absolute responsibility of the contractor which shall have to be dully compensated by him to full extent complete in all respects and in all cases.	1519 95	328.78	Rupees three hundred twenty eight and seventy eight paise only	Per cubic metre	499729 00
					Total	499729.00

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

JE-38

Percetage Bill Of Quantity

Estimated Cost :- 499800 00
Earnest money - 10000/-
Time Limit - Two Months

Name of work :- A/R & M/O on Karchham Sangla Chhitkul road Km 0/00 to 41/500
Sub Head :- Repair of Pot holes between Km 19/00 to 22/500 3054 RQR(NP)-

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			in figer	in words		
1	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause 1904.2.503 and 508.1. including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	1225.00	408.00	Rupees four hundred and zero paise only	Per squar metre	499800.00
					Total	499800.00

Executive Engineer,
Karchham Division,
HPPWD, Bhabanagar

Schedule of Quantity

SOR-39

Estimated Cost:- 100803.00
Earnest Money:- 2100.00
Time:- 15 Days

Name of work:- AR and MO on KSC road KM 0/00 to 41/500

Sub Head:- White washing two coats on parapet walls and road side etc at Km 0/00 to 18/00

3254 R&B(NP).

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	White washing two coats on parapet walls and tree trunks including preparation of surface by cleaning scraping etc. as per technical specifications Clause 1915 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.	2792 33	36 10	Rupees Thirty six and paisa ten only	Per Cum	100803.00
					Total	100803.00

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

Recordage Bill of Quantity

Job- 40

Estimated Cost:- 487103.00
Earnest Money:- 8000 00
Time:- Two Months

Name of work:- AR and MO on KSC road KM 0/00 to 41/500

Sub Head:- C/o R/wall at RD 23/580 to 23/594 3054 RAB (NP)

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.	42.84	300 00	Rupees Three hundred only	Per cubic metre	12852 00
2	Providing and laying ceent 1:4:8 (one cement : four sand: eight 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.	84.00	5309 90	Rupees Five thousand three hundred and nine and paise ninety only	Per cubic metre	446032 00
3	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm.(One hundred milimetre) dia PVC pipe extneidng through the full with 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.	27.00	260 10	Rupees Two hundred sixty and Paisa ten only	Each	7023.00
4	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specifiction within all leads and lifts and as per the direction of Engineer-in-charge.	21.84	970.50	Rupees Nine hundred seventy and paisa fifty Only	Per cubic metre	21196 00
					Total	487103.00

Executive Engineer,
Karchham Division,
HPPWD at Bhaba Nagar.

105-41

Percetage Bill Of Quantity

Estimated Cost :- 497760 00
Earnest money :- 10000/-
Time Limit :- Two Months

Name of work - A/R & M/O on Karchham Sangla Chhitkul road Km 0/00 to 41/500
Sub Head.- Repair of Pot holes between Km 23/00 to 25/800 3054 R&B (NP)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			in figer	in words		
1	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause 1904 2,503 and 508 1 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	1220.00	408.00	Rupees four hundred and zero paise only	Per squar metre	497760.00
					Total	497760.00

Executive Engineer,
Karchham Division,
HPPWD, Bhabanagar

Job No - 42

Percentage Bill of Quantity

Estimated Cost:- 484786 00
Earnest Money:- 9700/-
Time:- Three Months

Name of work:-C/O link road to Panpo Kanda Km 0/00 to 6/00

Sub Head:- F/C 3/5 mtr wide road at RD 1/750 to 1/975)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Cutting in earth work in all depths and heights in hard rock with chiselling and wedging out of rock (where blasting is prohibited), or setting out to the required lines grades, side slopes, trimming of bottom and levels as shown on the drawing and as directed by by the Engineer-in-charge at site according to the HPPWD specfiocation 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 289.99 cubic metre failing which recovery @ Rs. 300/- per cubic metre shall be effected and transportation of the un useful material for filling in roadway embankements for grade improvement and level to required grades and then disposing off all surplus excavated material in acquired width of the road or on approved dumping site through all modes of transportations including head load, animal loads or mechanical means along with its levelling and fine dressing and carriage of all labour machinery, materials, tools, equipments and safety measured and other incidentals necessary to complete the work by mechanical means and or labor (if any required complete as per the direction of Engineer-in-Charge). Any loss to the public and private property during the course of execution and transportation of useful and un useful materials shall be absolute responsibility of the contractor which shall have to be dully compensated by him to full extent complete in all respects and in all cases.	1474.50	328.78	Rupees three hundred twenty eight and seventy eight paise only	Per cubic metre	484786.00
					Total	484786.00

Executive Engineer,
Karchham Division,
HPPWD, at Bhaba Nagar

Job-43

Percetage Bill Of Quantity

Estimated Cost - 489600 00
Earnest money - 9800/-
Time Limit - Two Months

Name of work - A/R & M/O on Karchham Sangla Chhitkul road Km 0/00 to 41/500
Sub Head - Repair of Pot holes between Km 25/900 to 27/500 3054 RDB (NP)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			in figer	in words		
1	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat 20 mm thick pre-mix carpet and seal coat type B specification Clause 1904 2 503 and 508 1 including carriage of material in all leads lifts as per the entire satisfaction and direction of Engineer-in-charge.	1200 00	408.00	Rupees four hundred and zero paise only	Per squar metre	489600 00
					Total	489600.00

Executive Engineer
Karchham Division
HPPWD, Bhabanagar

Percentage Bill of Quantity

Estimated Cost:- 93627.00 JOS-44
Earnest Money:- 1900.00
Time:- 15 Days

Name of work:- AR and MO on KSC road KM 0/00 to 41/500.

Sub Head:- White washing two coats on parapet walls and road side etc at Km 18/00 to 41/500

3054 RRB(NH)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	White washing two coats on parapet walls and tree trunks including preparation of surface by cleaning scraping etc. as per technical specifications Clause 1915 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.	2593.55	36.10	Rupees Thirty six and paisa ten only	Per Cum	93627.00
					Total	93627.00

Executive Engineer,
Karchham Division.
HPPWD at Bhaba Nagar.

108-245

Percentage Bill of Quantity

Estimated Cost:- 492461.00
Earnest Money:- 10000/-
Time:- Three Months

Name of work:- C/O jeepable road from Joktarang to Panvi road Km. 0/0 to 1/400
Sub Head:- C/O B/wall ar RD. 0/295 to 0/323 and C/O R/wall at RD 0/315 to 0/325) 5854 R&B (D)

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 matenals 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.	70.04	300.00	Rupees three hundred and zero paise only	Per cubic metre	21012.00
2	Providing and laying ceent 1:6:12 (one cement : six sand: twelve graded stone aggregate 40mm (forty millimeter) nominal size for plain /reinforced concrete in open foundations complete as per drawings and technical specification clauses 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	9.99	4298.55	Rupees four thousand three hundred fifteen and twenty five paise only	Per cubic metre	42943.00
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.	78.81	5278.05	Rupees five thousand two hundred ninety five and sixty paise only	Per cubic metre	415963.00
4	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm.(One hundred milimetre) dia PVC pipe extneidng through the full with 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.	33.00	260.10	Rupees two hundred sixty and ten paise only	Each	8583.00
5	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specifiction within all leads and lifts and as per the direction of Engineer-in-charge.	4.08	970.50	Rupees nine hundred seventy and fifty paise only	Per cubic metre	3960.00
					TOTAL:-	492461.00

Executive Engineer
Karchham Division
HPPWD at Bhabanagar

Pecentage bill of Quantity

105-46

Estimated Cost:- 257767.00
Earnest Money:- 5200.00
Time:- Two Months

Name of work:- Renovation and maintenance of GHS Sungra in Tehsil Nichar Distt Kinnnaur (HP) (Sub Head:- P/F panelled glazed shutters, Sheet Gutters and P/A paiting on GHS Sungra)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows in 2nd class deodar wood. Including black enamelled iron butt hinges with necessary screws 40mm thick as per HPPWD specificatin 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.	8.36	5613.20	Rupess Five thousand six hunderd thirteen and paise twenty only	Per square metre	46926.00
2	Providing and fixing aluminium tower bolts (Barrel type) anodized transparent or dyed to required shade and colour with screws etc. completed and as per HP.PWD sepcification of 1990 volume -I 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. .					
i	150x10mm. (one hundred fifty into ten milimetre)	4.00	83.45	Rupess eighty three and paise fouty five only	Each	334.00
ii	250x10mm. (two hundred fifty into ten milimetre)	3.00	100.20	Rupess one hundred and paise twenty only	Each	301.00
3	Providing and fixing aluminium sliding door bolts anodized transparent or dyed to required shade and colour with bolts and nuts screws etc. complete and as per HP.PWD sepcification of 1990 volume -I 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.					
i	250x16mm. (two hundred fifty into sixteen milimetre)	4.00	271.60	Rupess two hundred seventy one and paise sixty only	Each	1086.00
ii	300x16mm. (three hundred into sixteen milimetre)	3.00	299.80	Rupess two hundred ninty nine and paise eighty only	Each	899.00
4	Painting two coat (excluding priming coat) on new wood and wood based surfaces with ready mixed paint brushing to give an even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of material, labour,tool and plants through all modes of transporation within all leads and lifts as per PWD specification and as per the direction of the Engineer-in-charge.	11.12	135.95	Rupess one hundred thirty five and paise ninty five only	Per Square meter	1512.00
5	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with ready mixed paint brushing to give an even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of material, labour,tool and plants through all modes of transporation within all leads and lifts as per PWD specification and as per the direction of the Engineer-in-charge.	23.94	79.60	Rupess seventy nine and paise sixty only	Per Square meter	1906.00

6	Painting one coat (excluding priming coat) on previously painted steel and othermetal surfaces with ready mixed paint brushing to give an even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of material, labour,tool and plants through all modes of transporation within all leads and lifts as per PWD specification and as per the direction of the Engineer-in-charge.	62.40	74.00	Rupess seventy four and paise zero only	Per Square meter	4618.00
7	Wall painting (two coats) with acrylic emulsion paint of approved brand and manufacture for interior grade on undecorated concrete/stone/plastered wall surfaces to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth including applying of putty as required for metling the surface 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 direction of the Engineer-in-charge.	674.84	130.10	Rupess one hunderd thirty and paise ten only	Per Square meter	87797.00
8	Providing and fixing 15 cm. wide 45 cm. overall semicircular plain G.I. sheetgutter with iron brackets 40x3mm size bolts and nuts and washers etc. Including making necessary conections with rain water pipe complete as per design 0.80mm thick sheet. 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 direction of the Engineer-in-charge.	112.00	818.85	Rupess eight hunderd eighteen and paise eighty five only	Rmt	91711.00
9	Providing and fixing 150 mm dia (one hundred fifty) high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. Complete including carriage of material, labour,tool and plants through all modes of transporation within all leads and lifts and as per direction of the Engineer-in-charge.	45.00	425.64	Rupess four hunderd twenty five and paise sixty four only	Rmt	19154.00
10	Providing and fixing 150 mm dia (one hundred fifty) PVC plain bend ISI marked including fixing with approved adhesive etc. Complete including carriage of material, labour,tool and plants through all modes of transporation within all leads and lifts and as per direction of the Engineer-in-charge.	12.00	126.90	Rupess one hunderd twenty six and paise ninty only	Each	1523.00
				Total:-		**257767.00**

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

105-127

Percentage Bill of Quantity

Estimated Cost:- 483490.00
Earnest Money:- 9700/-
Time:- Three Months

Name of work -A/R 2 C/O jeepable road from Shong Bus Stand to village Shong Km 0/00 to 4/600
Sub Head - C/O R/wall at RD. 2/120 to 2/131). 5054 R& B (P).

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.	30.36	300 00	Rupees three hundred and nil paise only	Per cubic metre	9108.00
2	Providing and laying ceent 1:4:8 (one cement: four sand :eight graded stone aggregate 25mm (twenty five 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.	5.82	5294 80	Rupees five thousand two hundred ninety five and eighty paise only	Per cubic metre	30816.00
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.	78.47	5295 60	Rupees five thousand two hundred ninety five and sixty paise only	Per cubic metre	415546.00
4	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm.(One hundred milimetre) dia PVC pipe extneidng through the full with 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.	24.00	260.10	Rupees two hundred sixty and ten paise only	Each	6242.00
5	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specifiction within all leads and lifts and as per the direction of Engineer-in-charge.	22.44	970.50	Rupees nine hundred seventy and fifty paise only	Per cubic metre	21778.00
					Total	483490.00

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