



**Himachal Pradesh  
Public works Department**

\*\*\*

NO: PW- BHNH-B&R-EA-1-Tender/2022-23- 1159-64

Dated:- 17-5-2023

To,

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

**Subject: - Publication of Notice Inviting Tender.**

Sir,

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

Yours Faithfully,

DA: - *Asst. Engr.*

*[Signature]*  
Executive Engineer,  
Karchham Division,  
HP.PWD, Bhabanagar.

Copy to following for information & necessary action.

1. All the Assistant Engineers, working under this Division.
2. Drawing Branch of this office
3. Notice Board of this office.

DA: - 1 No.

*[Signature]*  
Executive Engineer,  
Karchham Division,  
HP.PWD, Bhabanagar.

**HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT**

\*\*\*\*\*

**NOTICE INVITING TENDERS**

The Executive Engineer, Karchham Division, H.P.P.W.D. Bhabanagar District Kinnaur Pin-172115 invite item rate tenders in sealed cover on the prescribed forms from the eligible Contractors on 29.05.2023 and shall be opened on the same day at 11:00 Hrs. In the presence of intending contractors or their authorized representatives who wish to be present at the time.

Sr. No	Name of work	Estimated cost	Earnest money	Time	Cost of form
1	C/o link road from Powari road to Kangarang Km 0/00 to 3/600 (Sub Head:- F/C with wire crate R/wall at RD 0/810 to 0/850) Deposit Work	483924	9700	Two months	350/-
2	M/T on link road from Nanspo to Upper Tranda Km 0/00 to 3/500 ( Sub Head:- P/L Kharnja stone soling on Km 2/105 to 2/315 and 2/525 to 2/950) Under TASP	498588	10000	Three months	350/
3	C/O jeepable road to village Rangine Km 0/00 to 1/200 (Sub Head:- C/O Slab Culvert at RD 0/495) Under TASP	428089	8600	Two months	350/
4	C/O Powari Telengpee road Km 0/00 to 5/00 (Sub Head:- C/O R/wall and B/Wall at RD 3/900 to 3/930) Under BADP	388257	6300	Two months	350/
5	Resurfacing on Wangto Kafnoo road Km 0/00 to 20/00 (Sub head:- Repair of Pot holes at various RDs)	490928	9800	Two months	350/
6	C/o link road from Karchham to village Sapni Km 0/00 to 8/300 (Sub Head:- C/O B/wall at RD 7/525 to 7/540.80) Under TASP	426903	8500	Two months	350/
7	C/o jeepable road from Temporary Colony to Garang via Vente Km 0/00 to 1/400 (Sub Head:- F/C 3/5 mtr wide road between RD 0/00 to 0/105) Under TASP	412045	8300	Two months	350/
8	R/R on link road Ponda to Bari Km 0/00 to 5/200 (Sub Head:- C/O B/wall in wire crate at RD 0/480 to 0/490)	179119	3600	One month	350/-
9	C/O jeepable road from Batseri bus stand to Detkowa via Club Bhawan Km 0/000 to 2/00 (sub Head:- C/o R/wall at RD 1/238 to 1/254) Under TASP	410267	8200	Two months	350/
10	C/O Kafnoo to Kraba road Km 0/000 to 6/300 (Sub Head:- C/O R/wall at RD 5/135 to 5/150) Under TASP	390294	7800	Two months	350/-
11	A/R & M/O on Hot water spring to village Nathpa road Km 0/00 to 9/735 (Sub Head- C/O R/wall in wire crate at RD 2/180 to 2/192.50)	454570	9100	Two months	350/
12	C/O Powari Telengpee road Km 0/00 to 5/00 (Sub Head:- C/O R/wall in wire crate and P.C.C Toe wall at RD 4/750 to 4/785) Under BADP	383764	7700	Two months	350/
13	R/R damages on Wangtoo Kafnoo road Km 0/00 to 20/00 (Sub Head:- C/O R/wall in wire crate at RD 15/675 to 15/681)	418975	8400	Two months	350/
14	C/o Kraba Surcho road Km 0/00 to 5/500 (Sub Head:- C/O R/wall at RD 0/440 to 0/450) Under TASP	422067	8500	Two months	350/
15	C/O link road to Panpo Kanda Km 0/00 to 6/00 (Sub Head:- F/C 5/7 mtr wide road at Km 0/345 to 0/510) Under TASP	421121	8400	Two months	350/
16	C/O Ambulance road Pudo Nallah to Tong Tongche Nallah up to Khale Sarring GP Sangla Km 0/00 to 0/650 (Sub Head:- C/O R/wall in wire crate at RD 0/628.50 to 0/639) Under TASP	470920	9400	Two months	350/
17	C/o Kraba Surcho road Km 0/00 to 5/500 (Sub Head:- C/O R/wall at RD 0/090 to 0/102) Under TASP	433197	8700	Two months	350/-
18	C/o jeepable road from Katgoan to Katgoan Kanda Km 0/000 to 5/500 (Sub Head:- F/C 3/5 mtr wide road between Km 1/825 to 2/045) Under TASP	389753	7800	Two months	350/
19	C/o jeepable road to village Bai Km 0/00 to 5/00 (Sub Head:- Balance work of F/C 3/5 mtr wide road between Km 1/906 to 2/087) Under TASP	437198	8800	Two months	350/-
20	C/o Shongthong Barang road Km 5/00 to 8/00 (Sub Head:- F/C 5/7 mtr wide road at RD 5/375 to 5/450) Under TASP.	476093	9500	Two months	350/

21	C/O Old HT road from Tapri to Kanam Km 0/00 to 24/720 (Sub Head:- C/O R/wall at RD 21/075 to 21/078 and C/O R/wall in wire crate at RD 22/525 to 22/535) Under TASP	403616	8100	Two months	350/
22	A/R & M/O Tapri (Choltu) Punang road Km 0/00 to 5/000 (Sub Head:- C/O R/wall in wire crate at RD 2/486.50 to 2/496.50)	458309	9200	Two months	350/
23	A/R & M/O KSC road Km 0/00 to 41/500 (Sub Head:- Removal of Debris and slip/Boulder at RD 4/300 to 4/600 and 4/630 to 5/890)	441003	8800	Two months	350/
24	C/o jeepable road from Baltrang to Kanai via Yengskone Km 0/00 to 5/300 (Sub Head:- F/C 3/5 mtr wide road at RD 0/195 to 0/270) Under TASP	371290	7400	Two months	350/
25	C/o jeepable road from Brua to Chunang Km 0/00 to 1/200 (Sub Head:- C/O B/wall in wire crate at RD 0/004.80 to 0/036) Under TASP	498709	10000	Two months	350/
26	A/R & M/O to KSC road km.0/00 to 41/500 (SH:- Repairs of Pot holes in Km. 14/00 to 19/00)	495880	9950	Two months	350/-
27	C/o Shongthong Barang road Km 5/00 to 8/00 (Sub Head:- F/C 5/7 mtr wide road at RD 5/320 to 5/355) Under TASP.	378149	7600	Two months	350/
28	C/O motrable road from Yulla Bus stand to village Yulla Km 0/00 to 1/600 (Sub Head:- F/C 5/7 mtr wide road from RD 0/610 to 0/660 and R/wall at RD 0/610 to 0/617.50) Under TASP	384735	7700	Two months	350/
29	C/o link road from Karchham to village Sapni Km 0/00 to 8/300 (Sub Head:- C/O R/wall at RD 7/481.80 to 7/495.80) Under TASP	410313	8200	Two months	350/-
30	C/o police station building at Sangla Distt. Kinnaur (HP) (Sub Head:- C/O Boundry wall)	499535	10000	Two months	350/

**TERMS AND CONDITIONS:-**

The Earnest Money shown against each work must accompany with each tender in the shape of National Saving Certificate/Time Deposit Account/Post Office Saving Bank Account of any of the Post Offices duly pledged in the name of undersigned. The application of each tender alongwith following documents must reach in this office on 26.05.2023 upto 12:15 P.M. and issued on same day.

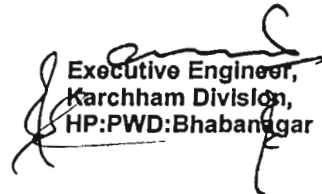
(i) Each application alongwith attested copy of the proof of enlistment in the appropriate Class and its renewal.

(ii) Permanent Account Number (PAN)

(iii) EPF No and GST.

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

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

  
Executive Engineer,  
Karchham Division,  
HP:PWD:Bhabanagar



# Schedule of Quantity

Job-1

Estimated Cost:- 483924  
Earnest Money:- 9700.00  
Time:- Two Months

Name of work:- C/O link road from Powari road to Kangarang Km 0/00 to 3/600

Sub Head:- F/C with wire crate R/wall at RD 0/810 to 0/850) Deposit Work.

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 the Engineer-in-charge at site according to the HPPWD specification of 1990 volume-1 and sorting of useful and unuseful materials and stacking the useful material along road side which shall not be less than 13.66 cubic metre failing which recovery @ Rs. 300/- per cubic metre shall be effected and transportation of the unuseful material for filling in roadway embankments for grade improvement and level to required grades and then disposing off all surplus excavated material in acquired width of the road or on approved dumping site through all modes of transportations including head load, animal loads or mechanical means along with its levelling and fine dressing and carriage of all labour machinery, materials, tools, equipments and safety measured and other incidentals necessary to complete the work by mechanical means and or labor (if any required complete as per the direction of Engineer-in-Charge). Any loss to the public and private property during the course of execution and transportation of useful and unuseful materials shall be absolute responsibility of the contractor which shall have to be fully compensated by him to full extent complete in all respects and in all cases.	70.66			Per cubic metre	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	26.55			Per cubic metre	
3	Providing and laying boulder apron laid in wire crates with 4 mm diameter G.I. wire conforming to IS:280 and IS:4826 in 100mmx 100mm (one hundred millimetre) mesh (woven diagonally) including 10 % (ten percent) extra for laps and joints laid with stones boulders weighing not less than 25 kg. (twenty five kilogram) each as per drawing and technical specifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	140.63			Per cubic metre	
4	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-charge.	23.40			Per cubic metre	
	<b>Total:-</b>					

Executive Engineer

Karchham Division, HPPWD.,

Karchham at Bhaba Nagar.

# Schedule of Quantity

Job-2

Estimated Cost:- 498588  
 Earnest Money:- 10000.00  
 Time:- Three Months

Name of work:- M/T on link road from Nanspo to Upper Tranda Km 0/00 to 3/500

Sub Head:- P/L Kharanja stone soling on Km 2/105 to 2/315 and 2/525 to 2/950) Under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the required gradient and camber including spreading watering and rolling of binding materials moorum or earth etcetra complete as per HP.PWD. specification. 100mm (one hundred millimetre) spread thickness (finished work including materials and labour) including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	284.81			Per cubic metre	
				Total:-		

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

# Schedule of Quantity


Estimated Cost:- 428089  
 Earnest Money:- 8600.00  
 Time:- Two Months

Job-3

Name of work:- C/O jeepable road to village Rangme Km 0/00 to 1/200  
 Sub Head:- C/O Slab Culvert at RD 0/495) Under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	24.80 ✓			Per cubic metre	
2	Providing and laying concrete for plain/reinforced cement concrete 1:4:8 (One cement isto four sand isto eight graded stone aggregate 25mm (twenty five millimetre) nominal size) in open foundation and curing complete including cost of form work in retaining walls/breast walls, as per HPPWD specification clause 802, 803, 1202 & 1203 within all leads and lifts and as per the direction of Engineer-in-charge.	7.13 ✓			Per cubic metre	
3	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for structure like retaining walls, breast walls wing walls, toe walls, abutment and similar works etc. in all heights complete as per drawing and technical specification clauses 702, 704, 1202 & 1204 and curing complete including carriage of materials in all leads lifts as per the entire satisfaction and direction of Engineer-in-Charge.	53.37 ✓			Per cubic metre	
4	Providing and laying for plain/reinforced cement concrete in open superstruce (upto 5m hieght) complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. reinforced cement concrete 1:1/2:3 (one cement: one and half sand: three graded/crushed stone aggregate 20mm (twenty millimetre) nominal mix curing complete within all leads, lifts carriage of material and other incidentals.	3.71 ✓			Per cubic metre	
5	Supplying, fitting and placing TMT bar reinforcement in superstructure complete as per drawings and technical specifications Clauses 1000 and 1202 and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	0.445 ✓			Per tonne	
6	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm. (One hundred millimetre) dia PVC pipe extending through the full with of the structures with slope of 1 (v) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12.04.3.7 within all leads and lifts and as per direction of Engineer-in-charge.	12 No ✓			Each	

7	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-charge.	25.60			Per cubic metre	
8	Construction of embankment with approved material obtained from borrow pits with a lift upto any height, transporting to site at any lead, spreading, grading to required slope and compacting to meet requirement of Tables 300.1, and 3600.2 with a lead upto with in any lead as per Technical specification clause 301.5 as per direction of Engineer-in-charge.	21.00			Per cubic metre	
			Total:-			

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



# Schedule of Quantity

Job-4

Estimated Cost:- 388257

Earnest Money:- 6300.00

Time:- Two Months

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

Sub Head:- C/O R/wall and B/Wall at RD 3/900 to 3/930) Under BADP

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, blinding and finishing of the road to specified dimensions or as directed by the Engineer-in-charge.	98.70 ✓			Per cubic metre ✓	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	21.00 ✓			Per cubic metre ✓	
3	Providing and laying cement 1:6:12 (one cement : six sand: twelve graded stone aggregate 40mm (forty millimeter) nominal size for plain /reinforced concrete in open foundations complete as per drawings and technical specification clauses 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-charge.	22.08 ✓			Per cubic metre ✓	
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.	154.20 ✓			Per cubic metre ✓	
5	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-charge.	27.00 ✓			Per cubic metre ✓	
			Total:-			

Executive Engineer,

Marchham Division, HPPWD,,  
Marchham at Bhaba Nagar.



## Schedule of Quantity

Job-5

Estimated Cost:- 490928


Earnest Money:- 9800.00

Time:- Two Months

Name of work:- Resurfacing on Wangto Kafnoo road Km 0/00 to 20/00

Sub Head:- Repair of Pot holes at various RDS)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Maintenance of WBM road including filling up of pot holes, ruts and rectifying corrugated surface, damaged edges and revelling as per technical specification clause 1906 including carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	345.00			Per sqm	
2	Repair of pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tax coat with bitumen emulsion, 20mm thick pre-mix carpet and sealcoat type B as per PWD secification clause 1904.2, 503 and 508.1 including carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	1142.00			Per sqm	
				<b>Total:-</b>		

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

## Schedule of Quantity

Job-6

Estimated Cost:-

426903

Earnest Money:-

8500.00

Time:-

Two Months

Name of work:- C/O link road from Karchham to village Sapni Km 0/00 to 8/300

Sub Head:- C/O B/wall at RD 7/525 to 7/540.80) Under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Excavation in earthwork in hilly area all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) as per technical specification clause 1603.1 including carriage and stacking of useful material for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge.	68.63	✓		Per cubic metre	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	24.89	✓		Per cubic metre	
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.	8.30	✓		Per cubic metre	
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.	71.1	✓		Per cubic metre	
5	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm (One hundred millimetre) dia PVC pipe extending through the full width of the structures with slope of 1 (v) : 20(H) towards drawing face complete as per drawing and technical specification clause 614,709,12.04,3.7 within all leads and lifts and as per direction of Engineer-in-charge.	22 No	✓		Each	
			Total:-			

Executive Engineer,

Karchham Division, HPPWD,  
Karchham at Bhaba Nagar.

# Schedule of Quantity

Job-7

Estimated Cost:-

412045 ✓

Earnest Money:-

8300.00 ✓

Time:-

Two Months ✓

Name of work:- C/o jeepable road from Temporary Colony to Garang via Vente Km 0/00 to 1/400

Sub Head:- F/C 3/5 ntr wide road between RD 0/00 to 0/105) Under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Cutting in earth work in all depths and heights in hard rock with chiselling and wedging out of rock (where blasting is prohibited). or setting out to the required lines grades, side slopes, trimming of bottom and levels as shown on the drawing and as directed by by the Engineer-in-charge at site according to the HPPWD specification of 1990 volume-1 and sorting of useful and unuseful materials and stacking the useful material along road side which shall not be less than 262.31 cubic metre failing which recovery @ Rs. 300/- per cubic metre shall be effected and transportation of the un useful material for filling in roadway embankments for grade improvement and level to required grades and then disposing off all surplus excavated material in acquired width of the road or on approved dumping site through all modes of transportations including head load, animal loads or mechanical means along with its levelling and fine dressing and carriage of all labour machinery, materials, tools, equipments and safety measured and other incidentals necessary to complete the work by mechanical means and or labor (if any required complete as per the direction of Engineer-in-Charge) Any loss to the public and private property during the course of execution and transportation of useful and un useful materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him to full extent complete in all respects and in all cases.	1181.26 ✓			Per cubic metre	
				<b>Total:-</b>		

 Executive Engineer,

Karchham Division, HPPWD.,

Karchham at Bhaba Nagar.



# Schedule of Quantity

Job-8

Estimated Cost:- 179119  
Earnest Money:- 3600.00  
Time:- One Months

Name of work:- R/R on link road Ponda to Bari Km 0/00 to 5/200  
Sub Head:- C/O B/wall in wire crate at RD 0/480 to 0/490)

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.	21.60 ✓			Per cubic metre ✓	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	3.00 ✓			Per cubic metre ✓	
3	Providing and laying boulder apron laid in wire crates with 4 mm diameter G.I. wire confirming to IS:280 and IS:4826 in 100mmx 100mm (one hundred millimetre) mesh (woven diagonally) including 10 % (ten percent) extra for laps and joints laid with stones boulders weighting not less than 25 kg. (twenty five kilogram) each as per drawing and technical specifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	57.60 ✓			Per cubic metre ✓	
			Total:-			

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

### Schedule of Quantity

Job-9

Estimated Cost:-

410267

Earnest Money:-

8200.00

Time:-

Two Months

Name of work:- C/O jeepable road from Batseri bus stand to Detkowa via Club Bhawan Km 0/000 to 2/00  
Sub Head:- C/O R/wall at RD 1/238 to 1/254) Under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	36.80 ✓			Per cubic metre ✓	
2	Providing and laying ceent 1:6:12 (one cement : six sand: twelve graded stone aggregate 40mm (forty millimeter) nominal size for plain /reinforced concrete in open foundations complete as per drawings and technical specification clauses 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	9.60 ✓			Per cubic metre	
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.	64.26 ✓			Per cubic metre ✓	
4	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm. (One hundred millimetre) dia PVC pipe extending through the full with of the structures with slope of 1 (v) 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12.04.3.7 within all leads and lifts and as per direction of Engineer-in-charge.	22 No ✓			Each ✓	
5	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-charge.	19.20 ✓			Per cubic metre ✓	
			Total:-			

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

# Schedule of Quantity

Job-10

Estimated Cost:- 390294 ✓  
Earnest Money:- 7800.00 ✓  
Time:- Two Months

Name of work:- C/O Kafnoo to Kraba road Km 0/000 to 6/300  
Sub Head:- C/O RWall at RD 5/135 to 5/150) Under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	33.75 ✓			Per cubic metre	
2	Providing and laying concrete for plain/reinforced cement concrete 1:4:8 (One cement isto four sand isto eight graded stone aggregate 25mm.(twenty five millimetre) nominal size) in open foundation and curing complete including cost of form work in retaining walls/breast walls, as per HPPWD specification clause 802, 803, 1202 & 1203 within all leads and lifts and as per the direction of Engineer-in-charge.	68.85 ✓			Per cubic metre	
3	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm.(One hundred millimetre) dia PVC pipe extending through the full with of the structures with slope of 1 (v) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12.04.3.7 within all leads and lifts and as per direction of Engineer-in-charge.	30 No ✓			Each	
4	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-charge.	15.30 ✓			Per cubic metre	
	<b>Total:-</b>					

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



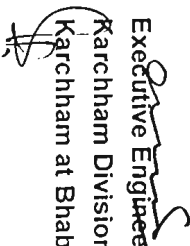
### Schedule of Quantity

Job-11

Estimated Cost:- 454570 ✓  
 Earnest Money:- 9100.00 ✓  
 Time:- Two Months

Name of work:- A/R & M/O on Hot water spring to village Nathpa road Km 0/00 to 9/735  
 Sub Head:- C/O R/wall in wire crate at RD 2/180 to 2/192.50

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	35.00 ✓			Per cubic metre ✓	
2	Providing and laying boulder apron laid in wire crates with 4 mm diameter G.I. wire confirming to IS:280 and IS:4826 in 100mmx 100mm (one hundred millimetre) mesh (woven diagonally) including 10 % (ten percent) extra for laps and joints laid with stones boulders weighing not less than 25 kg. (twenty five kilogram) each as per drawing and technical specifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	136.73 ✓			Per cubic metre ✓	
3	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-charge.	25.50 ✓			Per cubic metre	
				<b>Total:-</b>		

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

# Schedule of Quantity

Estimated Cost:- 383764  
 Earnest Money:- 7700.00 ✓  
 Time:- Two Months


Job-12

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

Sub Head:- C/O R/wall in wire crate and P.C.C Toe wall at RD 4/750 to 4/785) Under BADD

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.	26.25 ✓			Per cubic metre	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	4.38 ✓			Per cubic metre	
3	Supplying, fitting and placing TMT bar reinforcement in foundation complete as per drawings and technical specifications Clauses 1000 and 1202 and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	0.03 ✓			Per tone	
4	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 20mm (twenty millimetre) nominal mix curing complete including the cost of from work within all leads, lifts carriage of material and other incidentals.	26.25 ✓			Per cubic metre	
5	Providing and laying boulder apron laid in wire crates with 4 mm diameter G.I. wire confirming to IS:280 and IS:4826 in 100mmx 100mm (one hundred into one hundred millimetre) mesh (woven diagonally) including 10 % (ten percent) extra for laps and joints laid with stones boulders weighting not less than 25 kg. (twenty five kilogram) each as per drawing and technical specifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	164.06 ✓			Per cubic metre	
6	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-charge.	73.85 ✓			Per cubic metre	

7	Construction of subgrade and earthen shoulder 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 with lead upto 1000m as per technical specification clause 303.1 and as per the entire satisfaction and direction of Engineer-in-charge.	84.00			Per cubic metre ✓	
			Total:-			

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



### Schedule of Quantity

Job-13

Estimated Cost:-

418975 ✓

Earnest Money:-

8400.00 ✓

Time:-

Two Months

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

Sub Head:- C/O R/wall in wire crate at RD 15/675 to 15/681)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	48.75 ✓			Per cubic metre	
2	Providing and laying concrete for plain/reinforced cement concrete 1:4:8 (One cement isto four sand isto eight graded stone aggregate 25mm.(twenty five millimetre) nominal size) in open foundation and curing complete including cost of form work in retaining walls/breast walls, as per HPPWD specification clause 802, 803, 1202 & 1203 within all leads and lifts and as per the direction of Engineer-in-charge.	18.00 ✓			Per cubic metre	
3	Providing and laying boulder apron laid in wire crates with 4 mm diameter G.I. wire confirming to IS:280 and IS:4826 in 100mmx 100mm (one hundred into one hundred millimetre) mesh (woven diagonally) including 10 % (ten percent) extra for laps and joints laid with stones boulders weighing not less than 25 kg. (twenty five kilogram) each as per drawing and technical specifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	101.55 ✓			Per cubic metre	
			Total:-			

**Executive Engineer,**

Karchham Division, HPPWD.,

Karchham at Bhaba Nagar.

# Schedule of Quantity

Job-14

Estimated Cost:-

422067

Earnest Money:-

8500.00

Time:-

Two Months

Name of work:- C/O Kraba Surcho road Km 0/00 to 5/500  
Sub Head:- C/O R/wall at RD 0/440 to 0/450) Under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	40.80 ✓			Per cubic metre ✓	
2	Providing and laying ceent 1:6:12 (one cement : six sand: twelve graded stone aggregate 40mm (forty millimeter) nominal size for plain /reinforced concrete in open foundations complete as per drawings and technical specification clauses 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	4.80 ✓			Per cubic metre ✓	
3	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for structure like retaining walls, breast walls wing walls, toe walls, abutment and similar works etc. in all heights complete as per drawing and technical specification clauses 702, 704, 1202 & 1204 and curing complete including carriage of materials in all leads lifts as per the entire satisfaction and direction of Engineer-in-Charge.	71.25 ✓			Per cubic metre ✓	
4	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm.(One hundred millimetre) dia PVC pipe extending through the full with of the structures with slope of 1 (v) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12.04.3.7 within all leads and lifts and as per direction of Engineer-in-charge.	27 No ✓			Each ✓	
5	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-charge.	15.60 ✓			Per cubic metre ✓	
			Total:-			

Executive Engineer,

Karchham Division, HPPWD.,  
Karchham at Bhaba Nagar.

# Schedule of Quantity

Job-15

Estimated Cost:-

421121

Earnest Money:-

8400.00

Time:-

Two Months

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

Sub Head:- F/C 5/7 mtr wide road at Km 0/345 to 0/510 Under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Cutting in earth work in all depths and heights in hard rock with chiselling and wedging out of rock (where blasting is prohibited), or setting out to the required lines grades, side slopes, trimming of bottom and levels as shown on the drawing and as directed by the Engineer-in-charge at site according to the HPPWD specification of 1990 volume-1 and sorting of useful and unuseful materials and stacking the useful material along road side which shall not be less than 245.10 cubic metre failing which recovery @ Rs. 300/- per cubic metre shall be effected and transportation of the un useful material for filling in roadway embankments for grade improvement and level to required grades and then disposing off all surplus excavated material in acquired width of the road or on approved dumping site through all modes of transportations including head load, animal loads or mechanical means along with its levelling and fine dressing and carriage of all labour machinery, materials, tools, equipments and safety measured and other incidentals necessary to complete the work by mechanical means and or labor (if any required complete as per the direction of Engineer-in-Charge). Any loss to the public and private property during the course of execution and transportation of useful and un useful materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him to full extent complete in all respects and in all cases.	1470.60			Per cubic metre	
Total:-						

Executive Engineer,

Karchham Division, HPPWD.,

Karchham at Bhaba Nagar.



# Schedule of Quantity

Job-16

Estimated Cost:- 470920 ✓  
Earnest Money:- 9400.00 ✓  
Time:- Two Months ✓

Name of work:- C/O Ambulance road Pudo Nallah to Tong Tongche Nallah up to Khale Sarring GP Sangla Km 0/00 to 0/650  
Sub Head:- C/O Rwall in wire crate at RD 0/628.50 to 0/639) Under TASP ✓

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	83.16 ✓			Per cubic metre ✓	
2	Providing and laying boulder apron laid in wire crates with 4 mm diameter G.I. wire confirming to IS 280 and IS 4826 in 100mmx 100mm (one hundred into one hundred millimetre) mesh (woven diagonally) including 10 % (ten percent) extra for laps and joints laid with stones boulders weighting not less than 25 kg. (twenty five kilogram) each as per drawing and technical specifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	141.75 ✓			Per cubic metre ✓	
				Total:-		

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

# Schedule of Quantity

Job-17

Estimated Cost:- 433197  
Earnest Money:- 8700.00  
Time:- Two Months

Name of work:- C/O Kraba Surcho road Km 0/00 to 5/500  
Sub Head:- C/O R/wall at RD 0/090 to 0/102 Under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals	52.80			Per cubic metre	
2	Providing and laying cement 1:6, 12 (one cement six sand, twelve graded stone aggregate 40mm (forty millimeter) nominal size for plan /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.	5.16			Per cubic metre	
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.	72.00			Per cubic metre	
4	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm (One hundred millimetre) dia PVC pipe extending through the full width of the structures with slope of 1 (V) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12.04.3.7 within all leads and lifts and as per direction of Engineer-in-charge.	27 No			Each	
5	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-charge.	8.28			Per cubic metre	
			Total:-			

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

# Schedule of Quantity

Job-18

Estimated Cost:- 389753  
Earnest Money:- 7800 00  
Time:- Two Months

Name of work:- C/O jeepable road from Katgoan to Katgoan Kanda Km 0/000 to 5/500  
Sub Head:- F/C 3/5 ntr wide road between Km 1/825 to 2/045) Under TASP

Sr. No	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Cutting in earth work in all depths and heights in hard rock with chiselling and wedging out of rock (where blasting is prohibited), or setting out to the required lines grades, side slopes, trimming of bottom and levels as shown on the drawing and as directed by by the Engineer-in-charge at site according to the HPPWD specification of 1990 volume-1 and sorting of useful and unuseful materials and stacking the useful material along road side which shall not be less than 226.83 cubic metre falling which recovery @ Rs. 300/- per cubic metre shall be effected and transportation of the un useful material for filling in roadway embankments for grade improvement and level to required grades and then disposing off all surplus excavated material in acquired width of the road or on approved dumping site through all modes of transportations including head load, animal loads or mechanical means along with its levelling and fine dressing and carriage of all labour machinery, materials, tools, equipments and safety measured and other incidentals necessary to complete the work by mechanical means and or labor (if any required complete as per the direction of Engineer-in-Charge). Any loss to the public and private property during the course of execution and transportation of useful and un useful materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him to full extent complete in all respects and in all cases.	1361.06			Per cubic metre	
				Total:-		

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

# Schedule of Quantity

Job-19

Estimated Cost:-

437198

Earnest Money:-

8800.00

Time:-

Two Months

Name of work:- C/O jeepable road to village Bai Km 0/00 to 5/00

Sub Head:- Balance work of F/C 3/5 mtr wide road between Km 1/906 to 2/087) Under TASP

Sr. No	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Excavation in earthwork in hilly area all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) as per technical specification clause 1603.1 including carriage and stacking of useful material for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in charge.	350.56			Per cubic metre	
2	Excavation of roadway in hard rock (blasting prohibited) with rock breakers including breaking rock, loading in tippers and disposal with a lift upto any lead, trimming bottom and side slopes in accordance with requirements of lines, grades and cross- sections as per Technical Specification clause 302.3.5 as per direction of Engineer-in charge.	560.65			Per cubic metre	
			Total:-			

Executive Engineer,

Karchham Division, HPPWD.,

Karchham at Bhaba Nagar.



# **Schedule of Quantity**

Job-20

Estimated Cost:- 476093 ✓  
 Earnest Money:- 9500.00 ✓  
 Time:- Two Months ✓

Name of work:- C/o Shongthong Barang road Km 5/00 to 8/00

Sub Head:- F/C 5/7 mtr wide road at RD 5/375 to 5/450) Under TASP.

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Cutting in earth work in all depths and heights in hard rock with chiselling and wedging out of rock (where blasting is prohibited), or setting out to the required lines grades, side slopes, trimming of bottom and levels as shown on the drawing and as directed by the Engineer-in-charge at site according to the HPPWD specification of 1990 volume-1 and sorting of useful and unuseful materials and stacking the useful material along road side which shall not be less than 319.586 cubic metre failing which recovery @ Rs. 300/- per cubic metre shall be effected and transportation of the un useful material for filling in roadway embankments for grade improvement and level to required grades and then disposing off all surplus excavated material in acquired width of the road or on approved dumping site through all modes of transportations including head load, animal loads or mechanical means along with its levelling and fine dressing and carriage of all labour machinery, materials, tools, equipments and safety measured and other incidentals necessary to complete the work by mechanical means and or labor (if any required complete as per the direction of Engineer-in-Charge) Any loss to the public and private property during the course of execution and transportation of useful and un useful materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him to full extent complete in all respects and in all cases.	1221.15			Per cubic metre	
				<b>Total:-</b>		

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

# Schedule of Quantity

Job-21

Estimated Cost:- 403616  
Earnest Money:- 8100.00  
Time:- Two Months

Name of work:- C/O Old HT road from Tapri to Kanam Km 0/00 to 24/720

Sub Head:- C/O R/wall at RD 21/075 to 21/078 and C/O R/wall in wire crate at RD 22/525 to 22/535) Under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305 1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	11.46 ✓			Per cubic metre	
2	Providing and laying concrete for plain/reinforced cement concrete 1:4:8 (One cement isto four sand isto eight graded stone aggregate 25mm (twenty five millimetre) nominal size) in open foundation and curing complete including cost of form work in retaining walls/breast walls, as per HPPWD specification clause 802, 803, 1202 & 1203 within all leads and lifts and as per the direction of Engineer-in-charge.	36.34 ✓			Per cubic metre	
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.	12.66 ✓			Per cubic metre ✓	
4	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-charge.	6.30 ✓			Per cubic metre	
5	Providing and laying boulder apron laid in wire crates with 4 mm diameter G.I. wire confirming to IS:280 and IS:4826 in 100mmx 100mm (one hundred millimetre) mesh (woven diagonally) including 10 % (ten percent) extra for laps and joints laid with stones boulders weighing not less than 25 kg. (Twenty five kilogram) each as per drawing and technical specifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	45.00 ✓			Per cubic metre ✓	
Total:-						

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

# Schedule of Quantity

Job-22

Estimated Cost:- 458309  
Earnest Money:- 9200.00  
Time:- Two Months

Name of work:- A/R & M/O Tapri (Chollu) Punang road Km 0/00 to 5/000

Sub Head:- C/O R/wall in wire crate at RD 2/486.50 to 2/496.50)

Sr. No	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	28.75 ✓			Per cubic metre	
2	Providing and laying boulder apron laid in wire crates with 4 mm diameter G.I. wire confirming to IS 280 and IS 4826 in 100mmx 100mm (one hundred into one hundred millimetre) mesh (woven diagonally) including 10 % (ten percent) extra for laps and joints laid with stones boulders weighting not less than 25 kg. (twenty five kilogram) each as per drawing and technical specifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	135.00 ✓			Per cubic metre	
3	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-charge.	30.60 ✓			Per cubic metre	
4	Construction of embankment with approved material obtained from borrow pits with a lift upto any height, trasporting to site at any lead, spreading, grading to required slope and compacting to meet requirement of Tables 300.1, and 3600.2 with a lead upto with in any lead as per Technical specification clause 301.5 as per direction of Engineer-in-charge.	24.00 ✓			Per cubic metre	
	<b>Total:-</b>					

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

# Schedule of Quantity

Job-23

Estimated Cost:- 441003  
 Earnest Money:- 8800.00  
 Time:- Two Months

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

Sub Head:- Removal of Debris and slip/Boulder at RD 4/300 to 4/600 and 4/630 to 5/890)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut materials complete with in all leads and lifts of materials and other incidentianls.	3041.40			Per cubic metre	
			Total:-			

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



# Schedule of Quantity

Job-24

Estimated Cost:- 371290  
Earnest Money:- 7400.00  
Time:- Two Months

Name of work:- C/O Jeepable road from Baltrang to Kanai via Yengskone Km 0/00 to 5/300  
Sub Head:- F/C 3/5 mte wide road at RD 0/195 to 0/270 Under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Cutting in earth work in all depths and heights in hard rock with chiselling and wedging out of rock (where blasting is prohibited), or setting out to the required lines grades, side slopes, trimming of bottom and levels as shown on the drawing and as directed by by the Engineer-in-charge at site according to the HPPWD specification of 1990 volume-1 and sorting of useful and unuseful materials and stacking the useful material along road side which shall not be less than <del>164</del> <sup>48</sup> cubic metre failing which recovery @ Rs. 300/- per cubic metre shall be effected and transportation of the un usefull material for filling in roadway embankments for grade improvement and level to required grades and then disposing off all surplus excavated material in acquired width of the road or on approved dumping site through all modes of transportations including head load, animal loads or mechanical means along with its levelling and fine dressing and carriage of all labour machinery, materials, tools, equipments and safety measured and other incidentals necessary to complete the work by mechanical means and or labor (if any required complete as per the direction of Engineer-in-Charge). Any loss to the public and private property during the course of execution and transportation of useful and un usefull materials shall be absolute responsibility of the contractor which shall have to be dully compensated by him to full extent complete in all respects and in all cases.	1342.76			Per cubic metre	
	<b>Total:-</b>					

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

## Schedule of Quantity

Job-25

Estimated Cost:- 498709 ✓  
 Earnest Money:- 10000.00 ✓  
 Time:- Two Months ✓

Name of work:-C/o jeepable road from Brua to Chunang Km 0/00 to 1/200  
 Sub Head:-C/O B/wall in wire crate at RD 0/004.80 to 0/036) Under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Excavation in earthwork in hilly area all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) as per technical specification clause 1603.1 including carriage and stacking of useful material for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer-in-charge.	74.88 ✓			Per cubic metre ✓	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of slumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	18.72 ✓			Per cubic metre ✓	
3	Providing and laying boulder apron laid in wire crates with 4 mm diameter G.I. wire confirming to IS:280 and IS:4826 in 100mmx 100mm (one hundred millimetre) mesh (woven diagonally) including 10 % (ten percent) extra for laps and joints laid with stones boulders weighting not less than 25 kg. (twenty five kilogram) each as per drawing and technical specifications clause 1301 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	151.63 ✓			Per cubic metre ✓	
	<b>Total:-</b>					

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

Draft Schedule of Quantity

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

Estimated Cost:- 495880.00

(Sub Head :- Repairs of Pot holes in KM 14/00 to 19/00.)

Earnest Money:- 9950.00

Time:- 2 Months

Sr No	Description.	Qty.	Unit	RATE		Amount
				Figures	Words	
1	2	3	4	5	6	7
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 materials in all heads and lifts and as per entire satisfaction and direction of Engineer-in-charge	1610.00	Sqm	308.00	Rupees Three Hundred and eight only	495880.00

(Bitumen Will be supplied free of cost by the department at site)

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

# Schedule of Quantity

Job-27

Estimated Cost:- 378149 ✓  
 Earnest Money:- 7600.00 ✓  
 Time:- Two Months

Name of work:- C/o Shongthong Barang road Km 5/00 to 8/00

Sub Head:- F/C 5/7 mt wide road at RD 5/320 to 5/355) Under TASP.

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Cutting in earth work in all depths and heights in hard rock with chiselling and wedging out of rock (where blasting is prohibited), or setting out to the required lines grades, side slopes, trimming of bottom and levels as shown on the drawing and as directed by the Engineer-in-charge at site according to the HPPWD specification of 1990 volume-1 and sorting of useful and unuseful materials and stacking the useful material along road side which shall not be less than 261 45 cubic metre tailing which recovery @ Rs. 300/- per cubic metre shall be effected and transportation of the un useful material for filling in roadway embankments for grade improvement and level to required grades and then disposing off all surplus excavated material in acquired width of the road or on approved dumping site through all modes of transportations including head load, animal loads or mechanical means along with its levelling and fine dressing and carriage of all labour machinery, materials, tools, equipments and safety measured and other incidentals necessary to complete the work by mechanical means and or labor (if any required complete as per the direction of Engineer-in-Charge). Any loss to the public and private property during the course of execution and transportation of useful and un useful materials shall be absolute responsibility of the contractor which shall have to be duly compensated by him to full extent complete in all respects and in all cases.	901.25 ✓			Per cubic metre	
				Total:-		

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



# **Schedule of Quantity**

**Job-28**

**Estimated Cost:-** 384735  
**Earnest Money:-** 7700.00  
**Time:-** Two Months

**Name of work:-** C/O mottable road from Yulla Bus stand to village Yulla Km 0/00 to 1/600 .  
**Sub Head:-** F/C 5/7 mtr wide road from RD 0/610 to 0/660 and R/wall at RD 0/610 to 0/617.50) Under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Cutting in earth work in all depths and heights in hard rock with chiselling and wedging out of rock (where blasting is prohibited), or setting out to the required lines grades, side slopes, trimming of bottom and levels as shown on the drawing and as directed by the Engineer-in-charge at site according to the HPPWD specification of 1990 volume-1 and sorting of useful and unuseful materials and stacking the useful material along road side which shall not be less than 106.09 cubic metre failing which recovery @ Rs. 300/- per cubic metre shall be effected and transportation of the un useful material for filling in roadway embankments for grade improvement and level to required grades and then disposing off all surplus excavated material in acquired width of the road or on approved dumping site through all modes of transportations including head load, animal loads or mechanical means along with its levelling and fine dressing and carriage of all labour machinery, materials, tools, equipments and safety measured and other incidentals necessary to complete the work by mechanical means and or labor (if any required complete as per the direction of Engineer-in-Charge). Any loss to the public and private property during the course of execution and transportation of useful and un useful materials shall be absolute responsibility of the contractor which shall have to be dully compensated by him to full extent complete in all respects and in all cases.	539.5			Per cubic metre	
2	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	15.22			Per cubic metre	
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.	3.42			Per cubic metre	
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.	36.96			Per cubic metre	

5	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm (One hundred millimetre) dia PVC pipe extending through the full with of the structures with slope of 1 (V) : 20(H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12.04.3.7 within all leads and lifts and as per direction of Engineer-in-charge.	12 No ✓		Each	
6	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-charge.	9.00		Per cubic metre	
			Total:-		

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

# Schedule of Quantity

Job-29

Estimated Cost:-

410313

Earnest Money:-

8200.00

Time:-

Two Months

Name of work:- C/O link road from Karchham to village Sapn Km 0/00 to 8/300

Sub Head:- C/O R/wall at RD 7/481 80 to 7/495 80) Under TASP

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals.	27.93 ✓			Per cubic metre	
2	Providing and laying cement 1:6:12 (one cement six sand twelve graded stone aggregate 40mm (forty millimeter) nominal size for plain reinforced concrete in open foundations complete as per drawings and technical specification clauses 802, 803, 1202 and 1203 and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	5.88 ✓			Per cubic metre	
3	Random rubble stone masonry in cement mortar 1:6 (one cement six sand) for structure like retaining walls, breast walls wing walls, toe walls, abutment and similar works etc. in all heights complete as per drawing and technical specification clauses 702, 704, 1202 & 1204 and curing complete including carriage of materials in all leads lifts as per the entire satisfaction and direction of Engineer-in-Charge.	69.02 ✓			Per cubic metre	
4	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm. (One hundred millimetre) dia PVC pipe extending through the full width of the structures with slope of 1 (v) 20 (H) towards drawing face complete as per drawing and technical specification clause 614, 709, 12.04, 3.7 within all leads and lifts and as per direction of Engineer-in-Charge.	20 No ✓			Each	
5	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as per drawing and technical specification within all leads and lifts and as per the direction of Engineer-in-Charge.	10.92 ✓			Per cubic metre	
6	Construction of embankment with approved material obtained from borrow pits with a lift upto any height, transporting to site at any lead, spreading, grading to required slope and compacting to meet requirement of Tables 300.1, and 3600.2 with a lead upto with in any lead as per Technical specification clause 301.5 as per direction of Engineer-in-Charge.	12.87 ✓			Per cubic metre	
	<b>Total:-</b>					

Executive Engineer,

Karchham Division, HPPWD.,

Karchham at Bhaba Nagar.

# Schedule of Quantity

Job-30

Estimated Cost:- 499535  
Earnest Money:- 10000.00  
Time:- Two Months

Name of work:- C/O Police station building at Sangla Distt. Kinnaur (HP)  
Sub Head:-C/O Boundary wall)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for all type of road structures such as retaining walls, breast walls, culverts, drains and parapets etcetra in all type of classification of soil comprising of ordinary soil, soft/hard rocks, chiselling/wedging out of rocks (where blasting is prohibited ) as per drawing and MORD technical specification clause 305.1, 1104 and 1606.1 and as per direction of the Engineer-in-charge. including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal of material up to all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable apoved material to the original surface in layer not exceeding 150mm (one hundred fifty ) compacted thickness including shoring and strutting and pumping and bailing out water (surface and sub soil water ) upto all depth and any quantum of water including cleaning of slush which may arise out during dewatering as per the direction of Engineer in Charge and including of carriage of material with in all leads an lifts	56.70 ✓			Per cubic metre ✓	
2	Providing and laying cement concrete 1:6:12 (One cement isto six sand isto twelve graded/ crushed stone aggregate 40mm. (forty milimetre)nominal size) mechanically mixed and vibrated curing complete excluding the cost of work in foundation and plinth and as per HP.PWD sepcification of 1990 volume -1 including carmage 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.	14.18 ✓			Per cubic metre ✓	
3	Construction of Random rubble masonry/polygonal rubble masonry (un-coursed/brought to courses) with hard stones of approved quality in foundation and plinth including levelling up with cement concrete 1:6:12 (One cement isto six sand isto twelve graded/crushed stone aggregate 20mm.(Twenty milimetre) nominal size)at plinth level in cement mortar 1:6 (One cement isto six sand) and curing complete 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 entire satisfaction and direction of the Engineer-in-charge	155.93 ✓			Per cubic metre ✓	
4	Providing steel work welded in built up sections, truesses and framed work, including cutting hoisting and fixing in position and applying a priming coat of red lead paint in single section composed of rolled steel joists or channels with caps, bases splices, angles etc as per HPPWD specifications of 1990 volume-1 including carmage of material, labour,tool and plants through all modes of transporation within all leads and as per direction of the Engineer-in-charge	5.56	✓		Per Qlt. ✓	



	Supply and fixing galvanized steel bar-bed wire (IS-278-1962 type-1) weighing 9.38 kg per 100 meters (minimum) straining and fixing to any type of standard rails, straining bolts including securing with and provision of galvanized mild steel wire, staples or steel pins etc. as directed (posts and styruis of wood concrete, steel etc. and straining bolts shall be paid for separately including carriage of material, labour, tool and plants through all modes of transportation within all leads and as per direction of the Engineer-in-charge.	1260.00			Per 100 m each line of wire	
6	20mm cement plaster in single coats backing coat 10mm (ten millimetre) and finishing coat 10mm (ten millimetre) thick on rough side of brick/stone masonry walls for interior plastering in Cement Mortar 1:4 (1 Cement:4 sand) upto floor all level including arises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth up to all floor levels as per HPPWD specification of 1990 volume-1 including carriage of material, labour, tool and plants through all modes of transportation within all leads and lifts and as per direction of the Engineer-in-charge.	378.00			Per sqm	
7	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete as per HPPWD specification of 1990 volume-1 including carriage of material, labour, tool and plants through all modes of transportation within all leads and lifts and as per direction of the Engineer-in-charge.	378.00			Per sqm	
8	Distempering (two coats) with oil bound washable distemper of approved shade and manufacture and of required shade on undecorated wall surfaces to give an even shade over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and sand papered smooth. Priming coat with distemper primer.	378.00			Per sqm	
9	Painting two coats (excluding priming coat) on new steel and other metal surface under coat with ready mixed paint brushing to give an even shade including cleaning the surface all dirt, dust and other foreign matter with ready mixed paint other than white including carriage of material, labour, tool and plants through all modes of transportation within all leads and lifts as per PWD specification and as per direction of the Engineer-in-charge.	25.50			Per sqm	
	<b>Total:-</b>					

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