

Himachal Pradesh **Public works Department**

NO: PW- BHNR-B&R-EA-1-Tender/2022-23- 2010 -/ 8

To,

Dated:- 19-06-083

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

Subject: -

Publication of Notice Inviting Tender.

Sir,

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

Yours Faithfully,

DA: - As above.

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

Copy to following for information & necessary action.

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

DA: - 1 No.

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 28.06.2023 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.

authori	zed representatives who wish to be present at the time.	Estimated	Earnest	Time	Cost of
Sr.	Name of work	cost	money	111110	form
No	Improvement of KSC road Km 0/00 to 41/500 (Sub	487499	9800	Two	350/-
1 1	Head:- Cutting of additional width of road at Km			months	
'	10/345 to 10/510)				
2	C/O jeepable road to village Rangme Km 0/00 to	423136	8500	Two	350/
-	1/200 (Sub Head:- C/o B/wall at RD 0/510 to 0/516			months	
	and C/o R/wall with toe wall at RD 0/516 to				
	0/540.30 Under TASP				
3	R/R damages on Chittkul Dumti road Km 0/00 to	440546	8800	Two	350/
	20/750 (Sub Head;- Removal of land slide/boulder			months	
	at RD 13/200 to 15/465)				050/
4	M/T on link road from Nanspo to upper Tranda Km	499746	10000	Two	350/
1	0/00 to 3/500 (Sub Head:- P/L Kharnja stone soling			months	
1	on Km 1/210 to 1/360 and 1/405 to 1/630) Under				
	TASP	314112	6300	Two	350/
5	C/o jeepable road to village Bai Km 0/00 to 5/00	314112	6300	months	3307
	(Sub Head:- C/O R/wall at RD 1/080 to 1/091) Under TASP			months	
6	C/O road Chaura to Majhgoan (Rupi) Km 0/00 to	255350	5100	Two	350/
	27/050 (Sub head:- C/O B/wall at RD 13/995 to	20000	0.00	months	
	14/00) Under TASP				
7	C/o Shonthong Barang road Km 5/00 to 8/00 (Sub	289440	5800	One	350/
	Head;- F/C 5/7 mtr wide at RD 5/355 to 5/375)			month	
	Deposit LADA				
8	A/R & M/O on Wangtoo Kafnoo road Km 0/00 to	490401	9800	Two	350/-
	20/00 (Sub Head:- C/O R/wall in wire crate at RD			months	
	16/681 to 16/688)	1.11000			
9	A/R & M/O KSC road Km 0/00 to 41/500 (Sub	441660	8800	Two	350/
	Head:- Removal of Debris and slip/Boulder at RD 1/180 to 2/585)			months	
10	C/o jeepable road to village Bai Km 0/00 to 5/00	434873	8700	Two	350/-
10	(Sub Head:- F/C 3/5 mtr wide road Between Km	434073	8700	months	350/-
	1/205 to 2/280) Under TASP			1110111113	
11	C/O jeeapable road from Katgoan to Katgaon	385760	7700	Two	350/
	Kanda Km 0/00 to 5/500 (Sub Head:- C/O B/wall at			months	
	RD 2/00 to 2/018) Under TASP				
12	C/o link road Rakchham to Barda Km 0/00 to 5/00	432337	8700	Two	350/
	(Sub Head:- P/L G-I at RD 0/200 to 0/650) Under			months	
10	Rurban Mission				
13	Sepcial repair of Govt. Senior Secondry School	359761	7200	Two	350/
	building at Katgaon Teh Nichar (Sub head:- Dismentaling of CGI sheet roofing and P/F			months	
	preapainted steel sheet roofing) Deposit				
14	C/o road from Sangla Bridge to Bonning Sarring Km	428210	2000		
	0/00 to 2/900 (Sub Head:- C/O B/wall in wire crate	420210	8600	Two	350/
	at RD 0/00 to 0/023) Under TASP			months	
15	R/R damages on link road Ponda to Bari Km 0/00 to	293977	5900	Two	250/
	5/200 (Sub head:- C/O R/wall in wire crates at RD		0300	months	350/
	0/461.50 to 0/477.50 and 0/485 to 0/490)	_		months	
16	A/R & M/O Katgoan to Shango road Km 0/00	201276	4100	One	350/
	to 1/300 (Sub head:-C/o foot path to village			month	
	Katgaon from Shango Bridge at RD 0/125)			IIIOIIII	
17	C/o jeepable road from Guruballe to Upper	362866	7300	Two	350/-
	Kangos Km 0/00 to 0/800 (Sub Head;- C/O			months	"
	R/wall at RD 0/355 to 0/370) Under TASP				

Contd. Page—2---

18 [A/R & M/O Kafnoo Yangpa road Km 0/00 to 5/00	460644	9200	Two	350/
	(Sub Head:- C/O B/wall at RD 2/075 to 2/120)			months	2501
19	A/R & M/O Wangtoo Kafnoo road Km 0/00 to 20/00	455501	9100	Two	350/-
	(Sub Head:- C/o B/wall at RD 4/310 to 4/325 and			months	
	4/460 to 4/490)				
20	C/O Kraba Surcho road Km 0/00 to 5/500 (Sub	469349	9400	Two	350/
	Head:- C/O R/wall in wire crate at Km 2/150 to			months	
	2/172.50) Under TASP				
21	A/R & M/O KSC road Km 0/00 to 41/500 (Sub	468347	9400	Two.	350/
	Head:- C/O B/wall in wire crate at RD 19/135 to			months	
	19/159)				
22	R/R damges on Kafnoo Yangpa road Km 0/00 to	448950	9000	Two	350/-
	5/00 (Sub Head;- C/O Kafnoo side abutment of 36			months	
\	mtr span DDR bailey bridge at Chainage 2/315 on		j		
	Kafnoo Yangpa road Km 0/00 to 5/00)				
23	M/T on link road from Nanspo to upper Tranda Km	496884	10000	Two	350/
	0/00 to 3/500 (Sub Head:- P/L Kharnja stone soling			months	
	on Km 2/105 to 2/315 and 2/525 to 2/675) Under	I			
	TASP				
24	R/R damges on Kafnoo Yangpa road Km 0/00 to	407872	8200	Two	350/
1	5/00 (Sub Head;- C/O Yangpa side abutment of 36			months	
	mtr span DDR bailey bridge at Chainage 2/315 on				
	Kafnoo Yangpa road Km 0/00 to 5/00)				
2		432337	8700	Two	350/
1	(Sub Head:- P/L G-I at RD 1/100 to 1/550) Under	[months	
	Rurban Mission	- 0.10550	0000	-	250/
2		312559	6300	Two	350/-
1	0/00 to 2/900 (Sub Head:- C/O R/wall in wire crate			months	
	at RD 0/00 to 0/015) Under TASP	475540	0500	T	2501
2	7 C/O link road from NH-05 Chaura to Forest rest	475549	9500	Two	350/
1	house Chaura Km 0/00 to 3/500 (Sub head:-F/C 3/5 mtr wide at RD 1/375 to 1/465 and C/o R/wall in			months	
	wire crate at RD 1/410 to 1/430) Under TASP				
	28 C/o link road Grangey Gradhey Km 0/00 to 2/900	305359	6100	Two	350/
1	(Sub Head:- C/O R/wall at RD 0/105 to 0/120 and	000000	0100	months	330/
1	0/260 to 0/280) Under TASP			1110111113	
	29 C/O Sarai Bhawan building at Nigulsari Distt	354689	7100	Two	350/-
	Kinnaur (HP) (Sub Head:- C/O R/walls and B/walls			months	
	for shifting of Transformer at Sarai Bhawan building				
	at Nigulsari) Under TASP	127			
	30 C/O link road from Chhota Kamba to Village	451006	9000	Two	350/
	Gharshu Km 0/00 to 2/930. (Sub Head:- F/C 5/7 mtr	 		months	
}	wide road I/C B/wall and R/wall at RD 2/930 to				
_	2/940 and 2/930 to 2/945 respectively) Under TASP				

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 26.06.2023 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

 Estimated Cost: 487499.00

 Earnest Money: 9800.00

 Time: Two Months

Name of work:- Improvement of KSC road Km 0/00 to 41/500-

Sr. Description of item No. 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 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 269.50 cubic metre failing which recovery @ Rs. 300/- per cubic metre shall be effected and transportation	chiselling and wedging out s grades, side slopes, trimn by the Engineer-in-charge a sorting of useful and unuse	hiselling and wedging out of rock grades, side slopes, trimming of y the Engineer-in-charge at site orting of useful and unuseful shall not be less than 260 50	hiselling and wedging out of rock 1796.70 grades, side slopes, trimming of the Engineer-in-charge at site orting of useful and unuseful shall not be less than 269.50	hiselling and wedging out of rock grades, side slopes, trimming of the Engineer-in-charge at site orting of useful and unuseful shall not be less than 269.50	hiselling and wedging out of rock grades, side slopes, trimming of y the Engineer-in-charge at site orting of useful and unuseful shall not be less than 269.50
Qty. Ra In Figure 1796.70	In Figure In Words	Rate In Words	Words	Unit Per cubic metre	

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

Estimated Cost:-Earnest Money:-

8500 00 Two Months

422836,00

Time:-

Name of work:- C/O jeepable road to village Rangme Km 0/00 to 1/200

Sub Head:- C/o B/wall at RD 0/510 to 0/516 and C/o R/wall with toe wall at RD 0/516 to 0/540.30 Under TASP

თ 5 ယ N carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-insize) 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 (one cement: two and half sand: five graded stone aggregate 40 mm (forty millimetre) nominal Providing and laying hand mixing plain cement concrete M-15 (fifteen) grade nominal mix 1:2.5:5 Description of item Supplying, fitting and placingTMT 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 of Engineer-in-Charge. complete including carriage of materials in all leads lifts as per the entire satisfaction and direction complete as per drawing and technical specification clauses 702, 704, 1202 & 1204 and curing Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for structure like per the entire satisfaction and direction of Engineer-in-Charge. retaining walls, breast walls wing walls, toe walls, abutment and similar works etc. in all heights satisfaction and direction of Engineer-in-Charge including the cost of form work and carriage of materials in all leads and lifts as per the entire drawings and technical specification clauses 802, 803, 1202 and 1203 and curing complete Providing and laying ceent 1:6:12 (one cement : six sand: twelve graded stone aggregate 40mm (forty millimeter) nominal size for plain freinforced concrete in open foundations complete as per with excavated suitable materials complete within all leads, lifts carriage of material and other materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches including setting out, construction of shoring and bracing, removal of stumps and other deleterious Earth work in excavation for structures as per drawing and technical specifications clause 305.1 finishing of the road to specified dimensions or as directed by the Engineer-in charge. of unsuitable cut materials in specified manner, trimming, filling of unevenness, blindage and including carriage and stacking of useful material for construction at suitable sites and safe disposal wedging out rock (where blasting is prohibited) as per technical specification clause 1603.1 water pollution, etc. and to protect stability of hill side. Rock shall be excavated with chiseling and soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall Excavation in earthwork in hilly area all heights and depths, in all kind of soil including saturated be carried out by taking all necessary precautions against soil erosion, damage to hill side, 11.73 0.135 1.68 18.13 7.00 12.05 In Figure In Words Unit Per cubic Per cubic Per cubic Per cubic Per tonne Per cubic metre metre metre metre metre Amount

	10	9	ω	7
	Construction of Sub-grade and Earthen Shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 as per Technical Specification Clause 303.1 including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	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.	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 L(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.	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.
	27.97	21.96	42.00	45.31
Total	Per cubic metre	Per cubic metre	Each	Per cubic metre

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

Sub Head:-Removal of land slide/boulder at RD 13/200 to 15/465) Name of work:- R/R damages on Chittkul Dumti road Km 0/00 to 20/750

Earnest Money:-

Estimated Cost:-

Time:-

440546.00 8800.00

Two Months

		_	_		, ,-
	0)	_	<u> </u>	No.	Sr.
	all leads and lifts of materials and other incidentiants.	means including cutting and trimming of slops and disposal of cut materials complete with in	Removal of land slide in hilly area in ordinary rock not requiring blasting by machanical		Sr. Description of item
			3038.25		aty.
Total:-				In Figure	Rate
				In Words	
		metro	Per cubic		Unit
					Amount

Karchham Division, HPPWD., Karchham at BhabaNagar. Executive Engineer,

Name of work:- M/T on link road from Nanspo to upper Tranda Km 0/00 to 3/500 Sub Head:-P/L Khamja stone soling on Km 1/210 to 1/360 and 1/405 to 1/630) Under TASP

Estimated Cost:- 499746 00 Earnest Money:- 10000 00

Earnest Money:- 10000 00
Time:- Two Months

				2					_		Sr. No.
	Including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	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)	power road roller to the required gradient and camber including spreading watering and rolling	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with	and other incidentials.	in trenches with excavated suitable materials complete within all leads, lifts carriage of material	defetences materials and disposal upto any lead, dressing of sides and bottoms and back filling	including setting out, construction of shoring and bracing, removal of stumps and other	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 103.13		Sr. No. Description of item
				206.25					103 13		Qty.
						-				In Figure In Words	Rate
Total:-						-				In Words	
-			metre	Per cubic			_	metre	Per cubic		Unit
											Amount

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

Estimated Cost:-Earnest Money:-

314119.00 6300.00 Two Months

Time:-

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

Sub Head:- C/O R/wall at RD 1/080 to 1/091) Under TASP

Total				
metre			per drawing and technical specifiction within all leads and lifts and as per the direction of Engineer-in-charge.	
Per cubic		11.55	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as	4
			leads and lifts and as per direction of Engineer-in-charge.	
	· .		complete as per drawing and technical specification clause 614,709,12.04.3.7 within all	
			through the full with of the structures with slope of I (v): 20(H) towards drawing face	
			wing wall, return wall with 100mm. (One hundred milimetre) dia PVC pipe extneidng	
Each		27.00	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment	ω
			Engineer-in-charge	
		_	specification clause 802, 803, 1202 & 1203 within all leads and lifts and as per the direction of	_
			and curing complete including cost of form work in retaining walls/breast walls, as per HPPWD	
metre			listo eight graded stone aggregate 25mm (twenty five millimetre) nominal size) in open foundation	
Per cubic		55.44	Proiding and laying concrete for plain/reinforced cement concrete 1:4:8 (One cement isto four sand	2
			with excavated suitable materials complete within all leads, lifts carriage of material and other	
			materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches	
metre			including setting out, construction of shoring and bracing, removal of stumps and other deleterious	
Per cubic		26.40	Earth work in excavation for structures as per drawing and technical specifications clause 305.1	_
	In Figure In Words			
Unit	Rate	Qty. Ra	Description of item	Sr. No.

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

Estimated Cost:-Earnest Money:-

255350.00 5100.00 Two Months

Name of work:- C/O road Chaura to Majhgoan (Rupi) Km 0/00 to 27/050

Sub Head: C/O B/wall at RD 13/985 to 14/00) Under TASP

14.00
46.41
26.39
L
Rate

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

Time:-

Earnest Money:-Estimated Cost:-

5800 00 One month

289440.00

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

Sub Head:- F/C 5/7 mtr wide at RD 5/355 to 5/375) Deposit I ADA

Sr. No.	Sr. No. Description of item	Qty.	Rate	
			In Figure	In Words
_	Cutting in earth work in all depths and heights in hard rock with chiselling and wedging out of	600.00		
	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	<u> </u>	_	
	than 200 00 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.			
				Total:

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

Sub Head:- C/O R/wall in wire crate at RD 16/681 to 16/688) Name of work:- A/R & M/O on Wangtoo Kafnoo road Km 0/00 to 20/00 (

> Time:- · Earnest Money:-Estimated Cost:-

9800.00 490401.00

Two Months

Earth work in excavation for structures as per drawing and technical specifications clause 305.1 56.88 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. 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. Providing and laying boulder apron laid in wire crates with 4 mm diametre G.I. wire confirming to IS:280 and IS:280 in 100mmx 100mm (one hundred into one hundred millimetre) mesh (woven diagonally)	ω	2	_	Sr. No.
City. 56.88 56.88 21.00	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	oiding and laying concrete for plain/reinforced cement concrete 1:4:8 (One cement isto four sand isto the graded stone aggregate 25mm (twenty five millimetre) nominal size) in open foundation and ring complete including cost of form work in retaining walls/breast walls, as per HPPWD ecification clause 802, 803, 1202 & 1203 within all leads and lifts and as per the direction of Enginee charge.	arth work in excavation for structures as per drawing and technical specifications clause 305 sluding setting out, construction of shoring and bracing, removal of stumps and other deleteriou sterials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches wit cavated suitable materials complete within all leads, lifts carriage of material and other incidentials.	escription of item
Rate In Figure	113.28	21.00	56.88	Qty.
		_		Rate In Figure
	Per cubic metre	Per cubic metre	Per cubic metre	Unit
Per cubic Per cubic metre Per cubic metre metre per cubic				Amount

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

Estimated Cost:-

Time:-Earnest Money:-

Qty.

Rate

In Figure

In Words

Unit

Amount

Sub Head:-Removal of Debris and slip/Boulder at RD 1/180 to 2/585)

Removal of land slide in hilly area in ordinary rock not requiring blasting by machanical

means including cutting and trimming of slops and disposal of cut materials complete with in

all leads and lifts of materials and other incidentiants.

Sr. Description of item

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

8800.00 441660.00 Two Months

3045.93 Total:-145.00 Executive Engineer,

Karchham Division, HPPWD., Karchham at Bhaba Wagar.

Name of work:- C/o leenable road to village Rai Km 0/00 to 5/00 Sub Head:- F/C 3/5 mtr wide road Between Km 1/205 to 2/280) Under TASP

Estimated Cost:-Earnest Money:-Time:-

434873.00 8700.00 Two Months

	^		No.
	prombited). 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 204.34 cubic metre failing which recovery @ Rs. 170/- per cubic metre shall be effected and transportation of the unuseful material in roadway embankements for grade improvement and level to required grades and then disposing off all surplus excavated material in acquired which 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 durily compensated by him to full extent complete in all respects and in all cases.	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 HPPVD specification of 1990 volume-1 shall be received and unuseful materials and stacking the useful material along road side which shall not be less than 16.71 cubic metre failing which recovery @ Rs. 300/- per cubic metre shall be effected and transportation of the unuseful material in acquired width of the road or on approved dimping 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 Charge). Any loss to the public and private property during the course of execution and transportation of Engineer-inuseful materials shall be absolute responsibility of the contractor which shall have to be duily compensated by him to full extent complete in all respects and in all cases.	Description of item
	613.02	167.06	Qty.
		n rigure	
		in Words	Rate
Total	Per cubic metre	Per cubic metre	Unit
			Amount

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

Name of work:- C/O jeeapable road from Katgoan to Katgaon Kanda Km 0/00 to 5/500 Sub Head:- C/O B/wall at RD 2/00 to 2/018) Under TASP

Estimated Cost:-Earnest Money:-Time:-

	5 Prov wall, of the techn Engin	com of Er		3 Province draw inclusions a training to the community of		
	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm. (One hundred millmetre) dia PVC pipe extneiding 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.	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	dom rubble stone masonry in cement mortar 1:6 (one cement: six sand) for structure lik	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. Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for structure like	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. 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. Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for structure like	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. 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. 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.
	with 32.00	eugnts curing ection		40mm 5.94 as per amplete entire entire 3 entire 64.62		
	0		_			
			_	,		
Total	Each	Per cubic metre		Per cubic metre	Per cubic metre Per cubic metre	Per cubic metre Per cubic metre Per cubic metre Per cubic metre

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

Name of work:- C/o link road Rakchham to Barda Km 0/00 to 5/00 Sub Head:-P/L G-I at RD 0/200 to 0/650) Under Rurban Mission

Estimated Cost:- 43
Earnest Money:- 87

432338.00 8700 00 Two Months

Amount

	_	NO.	Sr.
	Providinb laying spreading and compacting stone aggregate of sizes 90-45mm (ninety to forty five millimetre) to water bound macadam specification including spreading in uniform thickness hand packing, rolling with three wheel 80-100 kn static roller in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density grading- 1 as per technical specification clause 405 by mannual means including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.		Sr. Description of item
	141.75		Qty.
Total:-		In Figure	Rate
		In Words	
	Per cubic metre		Unit

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

Name of work:- Sepcial reapir of Govt. Sr. Sec. School Kalgoan

Sub Head:- Dismentalling of CGI sheet roofing and providing and fixing prepainted steel sheet roofing) Deposit

Estimated Cost:-Earnest Money:-359761.00 7200.00

Two Months

359761.00	Total					
33120.00	three Per running ninety metre. paise	After Display	391.30 Rupees hundred one and thirty on	84.64 4	Providing and fixing ridges or hips 60cm over all with 0.45mm prepainted steel hot dip metallic zinc coated sheets of TATA Durashine in roofing with hot dipped metalic zink coated sheets with top coat of regular modified polyester organic coating of 20 microns over 5 microns primer coating + back coat of polyester of 5 microns over 5 microns primer coating including fixing with prepainted J or L hooks, bolts and nuts 6mm dia and prepainted G.I. limpet and bitumen washer complete with all accessoriesas required as per direction of the Engineer-in-charge.	ω
313569.00	eight Per square forty metre se nil	pa	842.00 Rupees hundred two and only	372.41	Providing and fixing 0.60mm thick prepainted steel sheet in roofing with hot dip metallic zinc coated sheets with the top coat of regular modified polyster (RNP) organic coating 20 microns over 5 microns primer coating including fixing with prepainted iron J or L hooks bolts and nuts 6 mm diameter with prepainted limpet and rubber washer complete with all accessories as required as per direction of the Engineer-in-charge.	2
13072.00	Per square metre	(0	35.10 Rupees thirty five and paist ten only	372.41	Dismanting rooting including ridges, hips, valleys, gutters etc, stacking the serviceable materials and disposal of un-serviceable materials within 20 metres lead G.I. Sheet rooting 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.	ے
Amount	Unit	In Words	Rate In Figure In	oty	Sr. No. Description of item	Sr. No.

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

Time:-

Estimated Cost:-Earnest Money:-

428210.00 8500.00 Two Months

Name of work:- /o road from Sangla Bridge to Bonning Sarring Km 0/00 to 2/900 (

Sub Head:- C/O B/wall in wire crate at RD 0/00 to 0/023) Under TASP

diagon not les clause directio	2 Earth work including somaterials a with excaving centials a Providing a	1 Excava soil con be carr water I wedgin including of uns finishin	Sr. No. Descri
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.	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. Providing and laving boulder apron laid in wire crates with 4 mm diametre G. I wire confirming to	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.	Description of item
	4.14	49 68	Qty.
			Rate In Figure
			In Words
metre	Per cubic metre	Per cubic metre	Unit
			Amount

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

Sub Head:- C/O R/wall in wire crates at RD 0/461.50 to 0/477.50 and 0/485 to 0/490) Name of work:- R/R damages on link road Ponda to Bari Km 0/00 to 5/200

> Earnest Money:-Estimated Cost:-293977.00 5900.00

Time:-

Two Months

	Total:-			
		90.72	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.	2
		15.36	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.	-4
	In Figure In Words			
Unit	Rate	Qty.	Description of item	OF. NO.

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

Name of work:-A/R & M/O Katgoam to Shango road Km 0/00 to 1/300 Sub Head:- C/o foot path to village Kargaon from Shango Bridge at RD 0/125)

Estimated Cost: 201276 00
Earnest Money: 4100.00
Time: One month

	8		5	4	ω	2		Sr. No.
	Providing and fixing in position pipe miling consisting of IS Rolled steel joist posts designation IS MB 100 (100x75) at 2.5 m interval and three rows of 50 mm dia steel pipes (light) including fixing in position on bridge deck complete as per drawing and technical specifications Clause 1208.2 within all leads and lifts and as per the direction of Engineer-in-charge.	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.	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	Supplying, fitting and placing HYSD bar reinforcement (Fe 415) in substructure complete as per drawings and technical specifications Clauses 1002, 1005, 1010 and 1202 and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	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.	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.	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.	
	81.30		13.89	0.12200	15.24	1.86	5.49	Qty.
								Rate In Figure
					_			In Words
Total	Per running meter		Per cubic metre	Per Tonne	Per cubic metre	Per cubic metre	Per cubic metre	Unit
								Amount

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

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

Estimated Cost:-

Earnest Money:-

362866.00 7300.00 Two Months

	5	4	ω	N		No	Sr	Su
	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.	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.		Proiding and laying concrete for plain/reinforced cement concrete 1:4:8 (One cement isto four sand isto eight graded stone aggregate 40mm. (fourly 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.	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		Sr. Description of item	Sub Head:- C/O R/wall at RD 0/355 to 0/370) Under TASP
	51.75	26.46	24.00	59.40	6.96		Qty.	
Total:-						In Figure	Rate	
.,						In Words		
	Per cubic metre	Per cubic metre	Eac Ch	Per cubic metre	Per cubic metre		Unit	
							Amount	

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

Name of work:- A/R & M/O Kathoo Yangpa road Km 0/00 to 5/00

Estimated Cost:- 460644.00
Earnest Money:- 9200.00
Time:- Two Months

	ω	2		Sr. No.	Sub Head
	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.	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.	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 out 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.	Description of item	Sub Head:- C/O B/wall in wire crate at RD 2/075 to 2/120)
	140.63	5.62	56.25	Qty.	
Total:-	-			Rate In Figure	
				In Words	
	Per cubic metre	Per cubic metre	Per cubic metre	Unit	
	ic	O		Amount	

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

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

Sub Head: - C/o B/wall in wire crate at RD 4/310 to 4/325 and 4/460 to 4/490)

Estimated Cost:-455501,00 9100,00

Time:-Earnest Money:-Two Months

			Total:-			
	metre			1000	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.	C
						3
	Per cubic metre			8.55	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	2
					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.	
					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	
	metre			00.80	comprising of mixed soif, ordinary rock and hard rock. All work of rock cutting by blasting shall be	
	000000000000000000000000000000000000000		1900	50 05	the Connection in continued in bull the second of the continued of the con	
		in Words	In Figure	•		
Amount	Unit		Rate	Qty.	. No. Description of item	Sr. No.

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

Time:-

Estimated Cost:-Earnest Money:-

469349.00 9400.00

Two Months

Name of work:- C/O Kraba Surcho road Km 0/00 to 5/500

Sub Head:-C/O RAvall in wire crate at Km 2/150 to 2/172.50) Under TASP

	Total:-		ecour.
	140.63	Providing and laying boulder apron laid in wire crates with 4 mm diametre G.I. wire confirming to IS:280 and IS:4526 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.	2
	63.23	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.	
In Figure In Words	Qty. Rate	Sr. No. Description of item	Sr. No.

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

Earnest Money:-

Estimated Cost:-

468347.00 9400.00

Two Months

Time:-

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

Sub Head:- C/O B/wall in wire crate at RD 19/135 to 19/159)

Sr. No.	Sr. No. Description of item	Qty.	Rate		Unit	Amount
			In Figure In Words	In Words		
`	Earth work in excavation for structures as per drawing and technical specifications clause 305.1	55.44			Per cubic	
	including setting out, construction of shoring and bracing, removal of stumps and other deleterious				metre	
	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.					
2	Providing and laying boulder apron laid in wire crates with 4 mm diametre G.I. wire confirming to IS:280	144.00			Per cubic	
	and IS:4826 in 100mmx 100mm (one hundred into one hundred millimetre) mesh (woven diagonally)				metre	
	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.				_	
			Total:-			

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

Estimated Cost:-Earnest Money:-Time:-

448951.00 9000.00 Two Months

Sub Head:- C/O Kafnoo side abutment of 36 mtr span DDR bailey bridge at Chainage 2/315 on Kafnoo Yangpa road Km 0/00 to 5/00) Name of work:—R/R damges on Kafnoo Yangpa road Km 0/00 to 5/00

Iterity work in excavation for structures as per drawing and technical specifications clause 305.1 637.28 In Figure In Words In W	Total					-
Description of filem Out Rate Unit In Figure In Words						
Earth work in excavation for structures as per drawing and technical specifications clause 305 1 537 28 in Figure In Words in conducting setting out, construction of shoring and bracing removal of summs and other deleterious naterials and cisposal upto any lead discessing of sides and bottoms and back filling in trenches with excavates suitable materials on any lead discessing of sides and bottoms and back filling in trenches with excavates suitable materials and complete within all leads. Iffits carriage of material and other decleroous and fished some aggregate 40 mm (long millimetre) nominal mix 1.36 (one cement in the experimental specifications) and complete mitter and direction for rural roads clause 802, 803, 1202 and carriage of materials in all leads and lifts as per drawings and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge. Providing concrete to barniferificosed concrete in open foundations complete as per drawings and carriage of materials in all leads and lifts as per graced concrete in pen foundations complete as per drawings and carriage of participations clauses 802, 803, 1202 & 1203, Plain cement concrete 1.24 (one cement in supersitudure complete within all leads lifts carriage of materials in all leads and lifts as per drawings and carriage of participations clauses 802, 803, 1202 & 1203, Normalal Mr. 116.3 (Mz-25) (one cement in cement all reads lifts carriage of material and other incidentials. Back filling behind a leads lifts carriage of material and other incidentials. Back filling behind a leads lifts carriage of material and other incidentials. Back filling behind a leads and lifts and as per the direction of Engineer. Providing weep holes in onck masonny/stone masonny/plain/ reinforced concrete abultment lifts and technical specification of the structures with slope of 1 (v) : 20(H) towards drawing face Complete as per drawing and technical specification clause of 14, 709, 12, 04, 3.7 within all					leads and lifts and as per direction of Engineer-in-charge.	2000
Earth work in excavation for structures as per drawing and technical specifications clause 305.1 537.28 In Figure In Words Earth work in excavation for structures as per drawing and technical specifications clause 305.1 537.28 In Figure In Words Providing setting out, construction of shoring and bracing removal of summs and other detelerious materials and cosposal upto any lead dressing of sides and bottoms and back filling in tenches with excavated store aggregate 40 mm (forty millimetre) nominal mix 1.3.6 (one cement three sand six gravate store aggregate 40 mm (forty millimetre) nominal mix 1.3.6 (one cement three sand six gravates store aggregate 40 mm (forty millimetre) nominal mix 1.3.6 (one cement three sand six gravates store aggregate 40 mm (forty millimetre) nominal mix 1.3.6 (one cement three sand six gravates store aggregate 40 mm (forty millimetre) nominal mix 1.3.6 (one cement three sand six gravates store aggregate 40 mm (forty millimetre) nominal mix 1.3.6 (one cement three sand six gravates store) and specification for rural roads clause 802, 803, 1202 and 1203 and curring complete including the cost of form work and carnage of materials in all leads and six gravates store aggregate 10 millimetre) nominal mix 1.3.6 (one cement three santifications clauses 802, 803, 1202 and 1202 and carnage of materials in all leads and lifts and specifications clauses 802, 803, 1202 and carnage of materials in all leads and lifts and specifications clauses 802, 803, 1202 and carnage of materials in all leads and lifts and specifications clauses 802, 803, 1202 and carnage of materials. Providing behavior and three gravation of Engineer-in-Charge. Providing complete within all leads in the carnage of materials in all leads and lifts and specifications complete as per drawings and three gravations complete within all leads and lifts and specifications (Mezigon)					_	p) enthus
Earth work in excavatron for shuctures as per drawing and technical specifications clause 305.1 537.28 In Figure In Words notwing setting out, constituction of shoring and bracing removal of sumps and other deleterious materials and crosposal upon any lead, dressing of sides and bottoms and back filling in tenches with excavates surface and leaving and placing and placing in removal of sumps and other deleterious materials and crosposal upon any lead, dressing of sides and bottoms and back filling in tenches with excavates surface and leaving and laying of plan cement concrete M-10 (ten) grade nominal mix 1.36 (one cement: 11.31 protein providing and laying plan cement concrete M-10 (ten) grade nominal mix 1.36 (one cement: 11.31 protein providing and laying plan cement concrete M-10 (ten) grade nominal mix 1.36 (one cement: 11.31 protein providing and laying plan cement concrete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineerin-Charge. Supplying fitting and placing fills protein for carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineerin-Charge. Providing concrete for plantiferrifforced concrete in open foundations complete as per drawings and carriage of materials in all leads and lifts as per drawings and leads and lifts as a carriage of material and other incidentials. Providing concrete for plantiferrifforced concrete in open foundations complete as per drawings and leads. In the carriage of material and other incidentials. Per cubic providing properties for plantiferrifforced concrete in open foundations complete as per drawings and tree grades of material and other incidentials. Per cubic providing properties are provided to material and other incidentials. Per cubic providing properties are provided to material and other incidentials. Per cubic providing provided			_		through the full with of the structures with slope of I (v): 20(H) towards drawing face	
Earth work in excavation for structures as per drawing and technical specifications clause 305.1 537.28 in Figure In Words And thing setting out, construction of shoring and bracing removal of sumps and other deleterious materials and crosposal undo any lead, dressing of states and bottoms and back filling in trenches with excavated suitable materials and crosposal undo any lead, dressing of states and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incident in companies and laying plan remember of concrete M-10 (ten) grade nominal mix 1.36 (one cement treatments as per drawings and concrete months as per drawings and concrete months as per drawings and lifts as per the entire satisfaction and direction of Engineer-in-Charge. Providing concrete for planiferifected concrete in open foundations and technical specifications clauses 1002 and 1202 and carriage of materials in all leads and lifts as and lifts as per the entire satisfaction and direction of Engineer-in-Charge. Providing concrete for planiferifected concrete in open foundations complete as per drawings and technical specifications clause 802 803, 1202 & 1203. Plan cement concrete 12.4 (one cement two sand it for gradedicrushed stone aggregate 25 mm (twenty millimetre) nominal mix curing complete within all leads lifts carriage of material and other incidentials. Providing complete for planiferificated concrete in open foundations complete as per drawings and certain and specifications clauses 802. 803, 1202 & 1203. Nominal Mix 1:15:3 (M-25) (one cement in curing complete within all leads lifts carriage of material and other incidentials. Providing complete within all leads and lifts and as per the direction of Engineer-in-charge in a certain and other incidentials. Back filling behind abstract. Within all leads and lifts and as per the direction of Engineer-in-charge in material and other incidentials. Providing weep holes in orick massage in material and othe					wing wall, return wall with 100mm. (One hundred milimetre) dia PVC pipe extneidng	SO Price
Earth work in excavation for structures as per drawing and technical specifications clause 305.1 537.28 In Figure In Words Earth work in excavation for structures as per drawing and technical specifications clause 305.1 537.28 In Figure In Words For cubic including setting out, construction of shoring and bracing, removal of slumps and other deleterious materials and crisposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated surface materials and other and plant cement concrete M-10 (ten) grade nominal mix 1:36 (one cement other cement of 103 and cump complete within all leads. Iffs carriage of materials in open foundations and this as per drawings and clamp 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. Supplying, fitting and placingTMT bar reinforcement in superstructure complete as per drawings and concrete for plantification of Engineer-in-Charge. Providing concrete for plantification of Engineer in open foundations complete as per drawings and sector shall all eads. In the carriage of material and other incidentials. Per cubic material specifications clause 802. 803. 1202.8. 1203. Plain cement concrete 1:2:4 (one cement in the cement in open foundations complete as per drawings and expert drawings and expert and interest store aggregate 20 mm (twenty millimeter) nominal mix curing complete within all leads. If its carriage of material and other incidentials. Per cubic material and expert fication of Engineer-incidentials. Per cubic material and expert incidentials and expert the direction of Engineer-incidenti	Each			15.00	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment	
Earth work in excavation for shuctures as per drawing and technical specifications clause 305.1 537.28 In Figure In Words including setting out, construction of shoring and bracing removal of stimings and other deleterous materials and cosposal 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. Providing and laying plain cement concrete M-10 (ten) grade nominal mix 1:36 (one cement 1:131 metre and pinths as per drawings and technical specification of Engineer-in-Charge. Providing and placingTMT ber reinforcement in superstructure complete as per drawings and the entire satisfaction and direction of Engineer-in-Charge. Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and second grades 100 and 120.2 and carriage of materials in all leads and lifts as per drawings and direction of Engineer-in-Charge. Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802. 803. 1202. 8 1203. Plain cement concrete 1:2:4 (one cement 1: wo sand i four graded crushed stone aggregate 25 mm (kwenty millimeter) nominal mix curing complete within all leads lifts carriage of material and other incidentials. Back filling behand abutherst. wing well a read return well/breast wall and retaining wells complete as per drawings and curing complete within all leads and lifts and as per the direction of Engineer- Per cubic meters and accorded to the material and other incidentials. Back filling behand abutherst. wing well ard return well/breast wall and retaining wells complete as complete as complete as per drawings and curing complete within all leads and lifts and as per the direction of Engineer- Back filling and applications within all leads and lifts and as per the direction of Engineer- Back filling and application of the per cubic meters and applications.					in-charge	
Earth work in excavation for shuctures as per drawing and technical specifications clause 305.1. 537.28 Earth work in excavation for shuctures as per drawing and technical specifications clause 305.1. for including setting out, construction of shoring and bracing removal of slumps and other deleterious materials and crosposal upot any lead, dressing of sides and bottoms and back filling in trenches with excavaters suitable materials and complete within all leads. Iffs carriage of material and other metre sand, six graded store aggregate 40 mm (forty millimetre) nominal mix 1.3.6 (one cement three sand is six graded store aggregate 40 mm (forty millimetre) nominal sixe) in open foundations and curing complete including the cost of form work and carriage of materials in all leads and lifts as per drawings and carriage of materials in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge. Supplying fitting and placing TMT bar reinforceament in superstructure complete as per drawings and technical specifications clauses 802, 803, 1202 and carriage of materials in all leads and lifts as per the entire satisfaction and cirection of Engineer-in-Charge. Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and tour grace-circushed stone aggregate 25 mm (twenty millimetre) nominal mix curing complete within all leads. Iffs carriage of material and other incidentials. Per outling complete within all leads. Iffs carriage of material and other incidentials. Back filling behind a specifications concrete in open foundations complete as per drawings and carriage of material and other incidentials. Per cubic metre. With all leads. Iffs carriage of material and other incidentials. Per cubic metre. Per cubic metre grace-crushed stone aggregate 20 mm (twenty millimetre) nominal mix curing millimetre) nominal mix curing complete as per drawings and carriage of material and other incidentials.	metre				per drawing and technical specifiction within all leads and lifts and as per the direction of Engineer-	
Earth work in excavation for structures as per drawing and technical specifications clause 305.1 537.28 in Figure In Words including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and crisposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavates suitable materials complete within all leads, lifts carriage of material and other Providing and laying plain cement concrete M-10 (ten) grade nominal mix 1:36 (one cement: 11.31 per cubic materials size) in open foundations and pack graded stone aggregate 40 mm (forty millimetre) hominal size) in open foundations and unity as per drawings and curing complete including the cost of form work and carriage of materials in all leads and lifts as per the entire satisfiaction and direction of Engineer-in-Charge. Perioding concrete for plain/reinforced concrete in open foundations complete as per drawings and curing complete within all leads. Infis carriage of materials in all leads and lifts as per the entire satisfiaction and direction of Engineer-in-Charge. Perioding concrete for plain/reinforced concrete in open foundations complete as per drawings and curing complete within all leads. Infis carriage of materials in all leads and lifts as per the entire satisfiaction and direction of Engineer-in-Charge. Per cubic metre controlled specifications clause 802. 803. 1202.8 1203. National mix curing complete within all leads. Infis carriage of material and other incidentials. Per cubic metre or plain/reinforced concrete in open foundations complete as per drawings and controlled for plain/reinforced concrete in open foundations complete as per drawings and controlled for plain/reinforced concrete in open foundations complete as per drawings and controlled for plain/reinforced concrete in open foundations complete as per drawings and controlled for plain/reinforced concrete in open foundations complete as per drawings and controlled for plain reinforced concrete in open foundations compl	Per cubic			5.55	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as	Ø
Earth work in excavation for structures as per drawing and technical specifications clause 305.1 537.28 including setting out, construction of shoring and bracing removal of stumps and other deleterious materials and c sposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated upto any lead, dressing of sides and bottoms and back filling in trenches with excavated upto any lead, dressing of sides and bottoms and back filling in trenches with excavated upto any lead, dressing of sides and bottoms and back filling in trenches with excavated upto any lead, dressing of sides and bottoms and other herodations and laying plain cement concrete M-10 (ren) grade nominal mix 1.36 (one cement of the embre sand, six graded stone eggregate 40 mm (forly millimeter) nominal size) in open foundations. Per cubic materials as per drawings and technical specification and direction of Engineer-in-Charge. Supplying, fitting and placingTMT bar reinforcement in superstructure complete as per drawings and the entire satisfaction and direction of Engineer-in-Charge. Supplying fitting and placingTMT bar reinforcement in superstructure complete as per drawings and placingTMT bar reinforcement in superstructure complete as per drawings and the entire satisfaction of Engineer-in-Charge. Supplying fitting and placingTMT bar reinforcement in superstructure complete as per drawings and the entire satisfaction of Engineer-in-Charge. Supplying fitting and placingTMT bar reinforcement in superstructure complete as per drawings and the entire satisfaction and direction of Engineer-in-Charge. Supplying fitting and placingTMT bar reinforcement in superstructure complete as per drawings and the entire satisfaction of Engineer-in-Charge. Per cubic metre satisfaction and circution of Engineer-in-Charge. Per cubic metre increase social satisfaction for materials in all leads and lifts as entire the production of Engineer-in-Charge. Per cubic metre increase social satisfaction of Engineer-in-Charge. Per cub					curing complete within all leads, lifts carriage of material and other incidentials.	
Earth work in excavation for structures as per drawing and technical specifications clause 305.1 537.28 Earth work in excavation of shoring and bracing, removal of stumps and other deleterious materials and crisposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated upto any lead, dressing of sides and bottoms and back filling in trenches with excavated upto any lead, dressing of sides and bottoms and back filling in trenches with excavated upto any lead, dressing of sides and bottoms and back filling in trenches with excavated upto any lead, dressing of sides and bottoms and back filling in trenches with excavated upto any lead, dressing of sides and bottoms and back filling in trenches with excavated upto any lead, dressing of sides and bottoms and back filling in trenches with excavated upto any lead, dressing of sides and bottoms and back filling in trenches with excavated upto any lead, dressing of sides and bottoms and back filling in trenches with excavated upto any lead, dressing of sides and back filling in trenches with excavated upto any lead, dressing of sides and bottoms and back filling in trenches with excavated upto any lead, dressing of sides and bottoms and back filling in trenches with excavated upto any lead, dressing of material and other metre and back filling in trenches with excavated upto any lead, dressing of materials in all leads and lifts as per drawings and 11.31 Perovicing concrete for paint/reinforced concrete in open foundations complete as per drawings and 1.40 Per cubic rechnical specifications clause 802. 803. 1202 & 1203. Plain cement concrete 1:2:4 (one cement : to open foundations complete as per drawings and 50.380 Per cubic rechnical specifications clause 802. 803. 1202 & 1203. Nominal Mix 1:1/5:3 (M-25) (one cement : to open foundations complete as per drawings and 4.91 Per cubic rechnical specifications of materials in all leads and dries complete as per drawings and 4.91 Per cubic rechnical specification of Engineerin-Charg					one and half sand three graded/crushed stone aggregate 20 mm (twenty milimeter) nominal mix	
Description of item Oy. Rate Unit	metre				rechnical specifications clause 802, 803, 1202 & 1203. Nominal Mix 1:1/5:3 (M-25) (one cement :	MINISTRA
Description of item City	Per cubic			4.91	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and	Oı
Description of item City Constitution of structures as per drawing and technical specifications clause 305.1 537.28					complete within all leads. lifts carriage of material and other incidentials.	
Earth work in excavation for structures as per drawing and technical specifications clause 305.1. 537.28. Earth work in excavation for structures as per drawing and technical specifications clause 305.1. 537.28. Earth work in excavation for structures as per drawing and technical specifications clause 305.1. 537.28. Earth work in excavation for structures as per drawing and technical specifications of slumps and other deleterious materials and crisposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals. Providing and laying plain cement concrete M-10 (ten) grade nominal mix 1:3.6 (one cement : 11.31 three sand, six graded stone aggregate 40 mm (forty millimetre) nominal size) in open foundations and plaints as per drawings and curing complete including the cost of form work and carriage of materials in all leads and lifts as per tine entire satisfaction and direction of Engineer-in-Charge. Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and concrete for plain/reinforced concrete in open foundations complete as per drawings and concrete for plain/reinforced concrete in open foundations complete as per drawings and concrete for plain/reinforced concrete in open foundations complete as per drawings and concrete for plain/reinforced concrete in open foundations complete as per drawings and concrete for plain/reinforced concrete in open foundations complete as per drawings and concrete for plain/reinforced concrete in open foundations complete as per drawings and concrete for plain/reinforced concrete in open foundations complete as per drawings and concrete for plain/reinforced concrete for plain cement					two sand : four graced/crushed stone aggregate 25 mm (twenty millimetre) nominal mix curing	
Earth work in excavation for structures as per drawing and technical specifications clause 305.1 537.28 Earth work in excavation for structures as per drawing and technical specifications clause 305.1 537.28 Foruiding setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and crisposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentals. Providing and laying plain cement concrete M-10 (ten) grade nominal mix 1:36 (one cement: 11.31 three sand, six graded stone aggregate 40 mm (forty millimetre) nominal size) in open foundations and uning 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. Supplying, fitting and placingTMT bar reinforcement in superstructure complete as per drawings and 1.40 recubic technical specifications. Clauses 1000 and 1202 and carriage of materials in all leads and lifts as serification and direction of Engineer-in-Charge. Per cubic Tonne of Engineer-in-Charge.	metre				technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete 1:2:4 (one cement :	
Earth work in excavation for structures as per drawing and technical specifications clause 305.1 537.28 Earth work in excavation for structures as per drawing and technical specifications clause 305.1 537.28 Earth work in excavation for structures as per drawing and technical specifications clause 305.1 537.28 Earth work in excavation for structures as per drawing and technical specification of shoring and technical specification of stumps and other deleterious metre materials and crisposal 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 providing and laying plain cement concrete M-10 (ten) grade nominal mix 1:36 (one cement : 11.31 per cubic metre sand :six graded stone aggregate 40 mm (forty millimetre) nominal size) in open foundations and curing complete including the cost of form work and carriage of materials in all leads and this as per the entire satisfaction and direction of Engineer-in-Charge. Supplying, fitting and placingTMT bar reinforcement in superstucture complete as per drawings and 1.40 per cubic rechnical 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. Tonne per cubic renners satisfaction and direction of Engineer-in-Charge.	Per cubic			50.380	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and	
Earth work in excavation for structures as per drawing and technical specifications clause 305.1 537.28 Earth work in excavation for structures as per drawing and technical specifications clause 305.1 537.28 Earth work in excavation for structures as per drawing and technical specifications clause 305.1 537.28 Earth work in excavation for structures as per drawing and technical specifications clause 305.1 537.28 Formulation of shoring and bracing removal of slumps and other deleterious materials and other excavated suitable materials complete within all leads, lifts carriage of material and other incidentals. Providing and laying plain cement concrete M-10 (ten) grade nominal mix 1:36 (one cement : 11.31 three sand : six graded stone aggregate 40 mm (forty millimetre) nominal size) in open foundations and plants 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. Supplying, fitting and placing TMT bar reinforcement in superstructure complete as per drawings and 1.40 Per cubic Tenne Tenne					per the entire satisfaction and direction of Engineer-in-Charge.	
Earth work in excavation for structures as per drawing and technical specifications clause 305.1 537.28 Earth work in excavation for structures as per drawing and technical specifications clause 305.1 fin Figure In Words Per cubic including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and crisposal 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. Providing and laying plain cement concrete M-10 (ten) grade nominal mix 1:3:6 (one cement in three sand is ix graded stone aggregate 40 mm (forty millimetre) nominal size) in open foundations and t203 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. Supplying, fitting and placingTMT bar reinforcement in superstructure complete as per drawings and 1.40 Per cubic Per cu	Tonne				technical specifications Clauses 1000 and 1202 and carriage of materials in all leads and lifts as	
Description of item Caty Caty Caty	Per cubic			1.40	Supplying, fitting and placing TMT bar reinforcement in superstructure complete as per drawings and	
Description of item Oty. Rate Unit In Figure In Words Per cubic including setting out, construction of shoring and technical specifications clause 305.1 537.28 Earth work in excavation for structures as per drawing and technical specifications clause 305.1 537.28 Per cubic including setting out, construction of shoring and bracing, removal of stumps and other deleterious, with excavated suitable materials of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentials. Providing and laying plain cement concrete M-10 (ten) grade nominal mix 1:3:6 (one cement : 11.31 Per cubic metre 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 Where In Words Per cubic metre and other 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.	
Description of item Oty. Rate Unit In Figure In Words					and 1203 and curing complete including the cost of form work and carriage of materials in all leads	
Description of item Other Description of item Other In Words In Figure In Words						
Description of item Oty. Rate Unit	metre				three sand six graded stone aggregate 40 mm (forty millimetre) nominal size) in open foundations	
Description of item Outy. Rate Unit Earth work in excavation for structures as per drawing and technical specifications clause 305.1 537.28 Earth work in excavation for structures as per drawing and technical specifications clause 305.1 537.28 Per cubic materials and croposal 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	Per cubic			11.31		up well
Description of item Oty. Rate Unit In Figure In Words Per cubic materials and crisposal upto any lead, dressing of sides and bottoms and back filling in trenches					incidentials. Suidose staterials complete within all leads, lins carriage of material and other	
Description of item Oty. Rate Unit Figure In Words Fer cubic including setting out, construction of shoring and bracing, removal of stumps and other deleterious Oty. Rate In Figure In Words Per cubic metre					indicated and C sposal upto any lead, dressing of sides and bottoms and back filling in trenches	
Description of item Outy. Rate Unit In Figure In Words Fer cubic	metre				including setting out, construction of shoring and bracing, removal of stumps and other deleterious	
Description of item	Per cubic			537.28	Earth work in excavation for structures as per drawing and technical specifications clause 305.1	-
Description of item Unit		In Words	In Figure			
			Rate	Qty.		

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

Sub Head:- P/L Kharnja stone soling on Km 2/105 to 2/315 and 2/525 to 2/675) Under TASP Name of work:- M/T on link road from Nanspo to upper Tranda Km 0/00 to 3/500

> Estimated Cost:-496884.00

Earnest Money:-

10000.00

Time:-

Two Months

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

Estimated Cost:-Earnest Money:-

407872.00 8200.00 Two Months

Time:-

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

Sub Head:- C/O Yangpa side abutment of 36 mtr span DDR bailey bridge at Chainage 2/315 on Kafnoo Yangpa road Km 0/00 to 5/00)

	Total					
					leads and lifts and as per direction of Engineer-in-charge.	
			_		complete as per drawing and technical specification clause 614,709,12.04.3.7 within all	
					through the full with of the structures with slope of I (v): 20(H) towards drawing face	
					wing wall, return wall with 100mm. (One hundred milimetre) dia PVC pipe extneiding	
	Each			20.00	Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment	5
					in-charge	
	metre				per drawing and technical specifiction within all leads and lifts and as per the direction of Engineer-	
	Per cubic			5.55	Back filling behind abutment, wing wall and return wall/breast wall and retaining walls complete as	4
					curing complete within all leads. lifts carriage of material and other incidentials.	
					one and half sand: three graded/crushed stone aggregate 20 mm (twenty milimeter) nominal mix	
	metre				technical specifications clause 802, 803, 1202 & 1203. Nominal Mix 1:1/5:3 (M-25) (one cement :	
	Per cubic			4.91	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and	ω
					complete within all leads, lifts carnage of material and other incidentials.	
					two sand : four graded/crushed stone aggregate 25 mm (twenty millimetre) nominal mix curing	
	metre				technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete 1:2:4 (one cement :	
	Per cubic			100.729	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and 100.729	2
					per the entire satisfaction and direction of Engineer-in-Charge.	
	Tonne				technical specifications Clauses 1000 and 1202 and carriage of materials in all leads and lifts as	
	Per cubic			2.185	Supplying, fitting and placing TMT bar reinforcement in superstricture complete as per drawings and	
		In Words	In Figure	,		
Amount	Unit		Rate	Qty.	Description of item	Sr. No.
		,0)	0000	gpa road	See and some shall both balled by the shall both balled by	

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

Sub Head: P/L G-1 at RD 1/100 to 1/550) Under Rurban Mission Name of work:- C/o link road Rakchham to Barda Km 0/00 to 5/00

> Earnest Money:-Estimated Cost:-

432338.00 8700 00

Time:-

Two Months

1 Providinb laying spreading and compacting stone aggregate of sizes 90-45mm (ninety to forty five millimetre) to water bound macadam specification including spreading in uniform thickness hand packing, rolling with three wheel 80-100 kn static roller in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density grading- 1 as per technical specification clause 405 by mannual means including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	Providinb laying spreading and compacting stone aggregate of sizes 90-45mm (ninety to forty five millimetre) to water bound macadam specification including spreading in uniform thickness hand packing, rolling with three wheel 80-100 kn static roller in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density grading- 1 as per technical specification clause 405 by mannual means including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	Sr. Desc	Sr. Description of item	Qty.	Rate			Unit Amount
	141.75	No.				_	In Words	n Words
(ninety to forty five millimetre) to water bound macadam specification including spreading in uniform thickness hand packing, rolling with three wheel 80-100 kn static roller in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density grading- 1 as per technical specification clause 405 by mannual means including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.		1 Prov	inb laying spreading and compacting stone aggregate of sizes 90-45mi			- 1		Per cubic
spreading in uniform thickness hand packing, rolling with three wheel 80-100 kn static roller in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density grading- 1 as per technical specification clause 405 by mannual means including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	three wheel 80-100 kn ng and brooming, stone rse aggregate, watering r technical specification all in all leads, lifts as per	(nine	to forty five millimetre) to water bound macadam specification includir	g				metre
static roller in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density grading- 1 as per technical specification clause 405 by mannual means including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	ng and brooming, stone rse aggregate, watering r technical specification all leads, lifts as per	spre	ling in uniform thickness hand packing, rolling with three wheel 80-100 k	<u> </u>				
screening/binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density grading- 1 as per technical specification clause 405 by mannual means including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	rse aggregate, watering r technical specification all leads, lifts as per	statio	oller in stages to proper grade and camber, applying and brooming, stor	<u>0</u>	_		_	_
and compacting to the required density grading- 1 as per technical specification clause 405 by mannual means including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	er technical specification all leads, lifts as per	scre	ing/binding materials to fill-up the interstices of coarse aggregate, watering	<u>a</u>	_			
clause 405 by mannual means including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.	al in all leads, lifts as per	and	Impacting to the required density grading- 1 as per technical specification	<u> </u>				
the entire satisfaction and direction of Engineer-in-charge.		claus	405 by mannual means including carriage of material in all leads, lifts as p	<u> </u>	_			
		the	itire satisfaction and direction of Engineer-in-charge.					

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

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

Earnest Money:-Estimated Cost:-

6300,00 312559,00

Time:-

Two Months

Sr.	Description of item	Qty.		Rate	Unit	Amount
No.			In Figure	In Words		
	Excavation in earthwork in hilly area all heights and depths, in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting	10.2			Per cubic metre	
	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			-	-	
2	Earth work in excavation for structures as per drawing and technical specifications clause	7.05			Per cubic	-
	305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal justo any lead dressing of sides and bottoms and back				metre	
	filling in trenches with excavated suitable materials complete within all leads, lifts carriage of			-		
اد	material and other incidentials. Droviding and laving coent 1:6:12 (one coment : six sand: twolve graded stone aggregate).	מנ			Darabio	
C	40mm (forty millimeter) nominal size for plain /reinforced concrete in open foundations				metre	
	complete as per drawings and technical specification clauses 802, 803, 1202 and 1203			_	-	
	lifts as per the entire satisfaction and direction of Engineer-in-Charge.				<u>.</u>	
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	53.16			Per cubic metre	ō
	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 specification and direction of Engineer in Charge					

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

Name of work:- C/O link road from NH-05 Chaura to Forest rest house Chaura Km 0/00 to 3/500

Earnest Money:-Estimated Cost:-

Time:-

475549.00 9500.00 Two Months

No.	Head
No. Description of item	Head:- F/C 3/5 mtr wide at RD 1/375 to 1/465 and C/o R/wall in wire crate at RD 1/410 to 1/430) Under TASP
Qīy.	
Rate	
Jnit	

1 12.00				Total:-				
12.00		Per cubic metre			115.20	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.	ယ	
work of rock cutting by blasting shall be soil erosion, damage to hill side, water be excavated with chiseling and wedging specification clause 1603.1 including able sites and safe disposal of unsuitable ess, blindage and finishing of the road to		Per cubic metre			12.00	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts carriage of material and other incidentials.	22	
207 705		Per cubic metre			552.735	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.		
Oty. Rate Unit Amount In Figure In Words	Ато		In Words	gure	Qty.). Description of item	Sr. No.	

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

Time:-

Estimated Cost:-Earnest Money:-

305359.00 6100.00

Two Months

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

Sub Head:- C/O R/wall at RD 0/105 to 0/120 and 0/260 to 0/280) Under TASP

Sr. No.	Description of item	Qty.	Rate	
			In Figure	In Words
هـ		54.00		
	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.			
2	Providing and laying boulder apron laid in wire crates with 4 mm diametre G.I. wire confirming to IS:280	151.20		
	and IS 4826 in 100mmx 100mm (one hundred into one hundred millimetre) mesh (woven diagonally)			
	lincluding 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.			
			Total:-	

Executive Engipeer, Karchham Division, HPPWD., Karchham at Bhara Nagar.

Estimated Cost:-Earnest Money:-

354689.00 7100.00 Two Months

Time:-

Name of work:- C/O Sarai Bhawan building at Nigulsari Distt Kinnaur (HP)

Sub Head: - C/O R/walls and B/walls for shifting of Transformer at Sarai Bhawan building at Nigulsari) Under TASP

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. Providing weep holes in brick masonry/stone masonry/plain/ reinforced concrete abutment wing wall, return wall with 100mm. (One hundred millimetre) dia PVC pipe extneiding through the full with of the structures with slope of 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. Construction of Sub-grade and Earthen Shoulders with approved material obtained from borrow pits with ail lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 as per Technical Specification of Engineer-in-charge of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge.				
concrete for plain/reinforced cement concrete 1.4:8 (One cement isto four sand ne aggregate 25mm. (twenty five millimetre) nominal size) in open foundation including cost of form work in retaining walls/breast walls. as per HPPWD 802, 803, 1202 & 1203 within all leads and lifts and as per the direction of les in brick masonry/stone masonry/plain/ reinforced concrete abutment all with 100mm. (One hundred millimetre) dia PVC pipe extneiding h of the structures with slope of I (v): 20(H) towards drawing face rawing and technical specification clause 614,709,12.04.3.7 within all as per direction of Engineer-in-charge.	ed material obtained from borrow to required slope and compacter on Clause 303.1 including carriag ection of Engineer-in-charge.	pits 70.30 d to e of		
concrete for plain/reinforced cement concrete 1:4:8 (One cement isto four sand ne aggregate 25mm. (twenty five millimetre) nominal size) in open foundation including cost of form work in retaining walls/breast walls, as per HPPWD 802, 803, 1202 & 1203 within all leads and lifts and as per the direction of les in brick masonry/stone masonry/plain/ reinforced concrete abutment all with 100mm. (One hundred millimetre) dia PVC pipe extneiding h of the structures with slope of I (v): 20(H) towards drawing face	se 614,709,12.04.3.7 within all			
concrete for plain/reinforced cement concrete 1.4.8 (One cement isto four sand ne aggregate 25mm. (twenty five millimetre) nominal size) in open foundation including cost of form work in retaining walls/breast walls, as per HPPWD 802, 803, 1202 & 1203 within all leads and lifts and as per the direction of	in/ reinforced concrete abutmedia PVC pipe extneidng0(H) towards drawing face	a6.00		
Concrete for plain/reinforced cement concrete 1:4:8 (One cement isto four sand ne aggregate 25mm (twenty five millimetre) nominal size) in open foundation	alls/breast walls, as per HPPWD lifts and as per the direction of			
	ete 1:4:8 (One cement isto four sail) nominal size) in open foundation	nd 61.52		
			In F	In Figure In Words
		Qty.	Rat	Rate

Executive Engineer.
Karchham Division,
HPPWD at Bhapa Nagar.

Estimated Cost:-Earnest Money:-

451006.00 9000.00 Two Months

Time:-

sub Head:- F/C 5/7 mtr wide road I/C B/wall and R/wall at RD 2/930 to 2/940 and 2/930 to 2/945 respectively) Under TASP lame of work:- C/O link road from Chhota Kamba to village Gharshu Km 0/00 to 2/930

	6	5 E	- 0 -	4	0.00	3 F	0 = 0	2 (f	T (2	1		No.
	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.	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.	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.	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	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.	Random rubble stone masonry in cement mortar 1:6 (one cement: six sand) for structure like	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	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	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.	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	Excavation in earthwork in hilly area all heights and depths, in all kind of soil including saturated		Description of item
	25.65	19.22		40.00		75.23		3.55			19	w.y.	7
											,	In Figure	Rate
												In Words	
Total	Per cubic metre	Per cubic metre		Each	metre	Per cubic		Per cubic metre		metre	Per cubic		l Init
													Amount

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