#### HPPWD TENDER

Sealed item rate tenders are hereby invited by the Executive Engineer, Sundernagar Division, H.P.P.W.D. Sundernagar on behalf of Governor of H.P. for the below noted works from eligible contractors registered in the same day at 11:30 AM in the presence of the contractors or their authorized representatives who may be present. The applications for issue of tender form shall be received upto 12:00 Noon on **07.10.2022**.

The tender shall accompany with earnest money which should be in shape of NSC/ Time deposit/ saving bank account in the post office/ Bank in HP duly pledged in favour of the Executive Engineer, Sundernagar Division, H.P.P.W.D. Sundernagar. Conditional tenders, telegraphic tenders and tenders without earnest money will not be entertained. The executive Engineer reserves the right to accept or reject the tenders. The tender shall remain valid for 75 days from the date of opening of tenders.

C.	N Spring of tenders.				
Sr. No.	Name of work	Estimated cost (Rs.)	Earnest	Tender	Time
1	Improvement of black spot on Bhawana Maloh road KM 0/0 to 10/0 (SH: Providing and fixing "W" metal beam crash barrier at RD 3/275 to 3/327)	215672	4500	350	Two
2	C/o Car Parking near Lalit Chowk at Sundernagar, Distt. Mandi (HP) (SH: P/F railing at Level 893) Job No.II.	438219	9000	350	Two
3	A/R & M/O on construction of Jarol to Tharu road Km 0/0 to 3/0 under Suket Sub Division HPPWD Sundernagar (SH: Preparation of Forest diversion case with digital plan i/c online submission of compensatory afforestation maps of forest case)	117000	2500	350	Month Six Month
4	c, o Degree College building at Dehar (SH: C/o approach road)	499490	10000	350	Three
5	C/o Guest house in the premises iof Govt. Polytechnic College at Sundernagar (SH: P/F HPL wall cladding in outer side of building ) Job-1.	489156	10000	350	Two Month
6	Improvement of black spot on Khurahal to Kandar road KM 0/0 to 4/500 (SH: Providing and fixing"W" metal beam crash barrier at RD 1/594 to 1/684)	498859	10000	350	Three Month
7	RRD on various roads in Bharjwanoo Section under Suket Sub Division (SH: Removal of slips and land slide in various reaches)	276179	6000	350	Two Month
8	RRD on Pandar Tattapani road Km 0/0 to 10/0 (SH: Hiring of JCB for removal of slips and road side debris in various RDs).	243960	5000	350	Two
9	RRD on various roads under PIU Sub Division HPPWD Dehar (Dhawal section) (SH: Hiring of JCB for removal of slips and road side debris in various RDs).	176550	4000	350	Month Two Month
10	C/o Link road between Koldam (Right Bank) to Ropa-Ahan KM 0/0 to 0/400 (SH: C/o R/wall and [roviding and fixing "W" metal beam crash barrier at RD 0/032 to 0/048) NTPC Deposit.	480691	10000	350	Three Month
11	RRD on various roads under PIU Sub Division HPPWD Dehar (Dehar Section) (SH: Hiring of Tipper for carriage of different material)	167750	4000	350	Two Month
	b/wall at RD 0/290 to 0/298.50)	98316	2000	350	One
	A/R & M/o on ALsoo to Sohar via Jambla road Km 0/0 to 8/900 and Bhantrehar to Pathkan road KM 0/0 to 3/200 (SH: P/L Gr-II for correction layer and repair of pot holes in Alsoo Jambla road Km 7/480 to 8/300 and Bhantrehar to Pathkan road KM 1/015 to 2/760)	498332	10000	350	Month Two Month
14	C/o Link road from Ghata to Bari KM 0/0 to 0/300 (SH: C/o R/wall at RD 0/120 to 0/126 and 0/154 .75 to 0/159.75) BASP Deposit .	1,99,612	4000	350	Two Month
15	C/o Car Parking near Lalit Chowk at Sundernagar, Distt. Mandi (HP) (SH: P/F railing at Level 896) Job No.II.	438219	9000	350	Two

16	A/R & M/O on NH-21 CMM road KM 173/900 to 178/330 (SH: Providing and laying interlocking concrete block pavement on LHS at RD 174/308 to 174/337)	499363	10000	350	Two
17	RRD on various roas under PILL Sub Division LIPPAYD Del	167750	3500	4000	Two
18	(Dhawal Section) (SH: Hiring of Tipper for carriage of different material)				Month
19	A/R & M/O 63.00 mtr span PSC box girder bridge over Saul Seri Khad at Km 2/585 Tehsil Sundernagar, Distt. Mandi (HP) (SH: Painting and priming coat).	88731	2000	350	One Month
	RRD on various roads under PIU Sub Division HPPWD Dehar (dhawal Section) (SH: Hiring f JCB for removal of slips and road side debris in various RDs)	176550	3600	350	Two Month
20	RRD on various roads in Local Section-II under Suket Sub Division (SH: Removal of slips and land slide in various reaches)	271433	5500	350	Two
21	C/o Car Parking near Lalit Chowk at Sundernagar, Distt. Mandi (HP) (SH: P/F railing at stair case in 890 to 893, 8933 to 896 and 896 to 899 Level and 10mm plate over expension joint at Level 899, 896,893 and 890)	443377	9000	350	Two Month
22	Improvement of black spot on Bhawana Maloh road KM 0/0 to 10/0 (SH: Providing and fixing "W" metal beam crash barrier at RD 1/435 to 1/462 & 1/561 to 1/587)	221055	5000	350	Two Month
. 23	Improvement of black spot on Slapper to Serikothi road Km 0/0 to 15/500 (SH: Providing and fixing "W" metal beam crash barrier at RD 6/200 to 6/300)	498320	10000	350	Two Month
24	C/o link road from Ropa to Padhana Km 0/0t o 2/500 (SH: C/o Prov. and laying earthen shoulder at RD 1/0 to 2/500)	111258	2500	350	Two Month
25	C/o Link road between Koldam (Right Bank) to Ropa-Ahan KM 0/0 to 0/400 (SH: C/o R/wall and providing and fixing "W" metal beam crash barrier at RD 0/048 to 0/064) NTPC deposit.	481853	10000	350	Three
26	RRD on Jachh Pressi Pangna road Km 0/0 to 20/0 (SH: C/o R/wall at RD 9/710 to 9/718.50)	499120	10000	350	Two Month
27	C/o Degree College building at Dehar (SH: C/o site development).	499535	10000	350	Two Month
28	RRD on Kateru Slapper via Paurakothi road KM 0/0 o 16/0 (SH: Hiring of JCB for removal of slips in Km 0/0 to 16/0)	149800	3000	350	One Month
29	RRD on Dhawal to Batwara road Km 0/0t o 11/0 (SHL Hiring of JCB for removal of slips and roads ide debris in Km 0/0 to 11/0)	224700	4500	350	Two Month
30	A/R & M/O on NH-21 CMM road KM 173/900 to 178/330 (SH: Providing and laying interlocking concrete block pavement on LHS at RD 174/337 to 174/370)	499503	10000	350	Two Month
31	RRD on Nihri road KM 0/0 to 10/0 (SH: Hiring of Tipper for carriage of different material in various KMs).	152500	4500	350	Two Month
32	RRD on Samon Tihri road KM 0/0 to 8/870 (SH: Removal of slips and land slides in various reaches in KM 4/960 to 8/870)	480848	10000	350	Two Month
33	Improvement of blind curves on slapper Kandar road KM 0/0 to 4/500 (SH: Improvement of curve at RD 2/620 to 2/678)	99525	2000	350	One Month
34	RRD on Kalahod Jhore via Patrahan road Km 1/0 to 5/500 (SH: Removal of slips, maintenance of earthen shoulders and construction of unlined surface drain at RD 1/0 to 5/500).	166310	3500	350	Two Month
35	Restoration of Dehar Triphalghat road Km 0/0 to 14/0 (SH: Removal of slips and C/o unlined surface drain at various reaches)	498560	10000	350	One Month
36	C/o Link road between Koldam (Right Bank) to Ropa-Ahan KM 0/0 to 0/400 (SH: C/o U-shape drain at RD 0/305 to 0/400)	154108	3200	350	Two Month
37	A/R & M/O Sundernagar Circular road KM 0/0 to 7/630 (SH: Removal of slips , maintenance of earthen shoulder and clearance of unlined drain in various RDs)	99930	2000	350	One Month

38	RRD on Jachh Pressi Pangna road Km 0/0 to 20/0 (SH: C/o R/wall at RD 9/718.50 to 9/727)	499036	10000	350	Three
39	C/o Guest house in the premises iof Govt. Polytechnic College at Sundernagar (SH: P/F HPL wall cladding in outer side of building) Job-II.	489156	10000	350	Two Month
40	Improvement of black spot on Sundernagar Batwara road Soul Pul to Dhawal KM 0/0 to 31/0 (SH: Providing and fixing "W" metal beam crash barrier at RD 7/760 to 7/820).	479997	10000	350	Three Month
41	RRD on Shimla Mandi road KM 135/0 to 146/0 and on Pandar Tattapani road KM 0/0 to 32/0 (SH: Removal os slips, C/o unlined surface drain and maintenance of earthen shoulders at various reaches)	492900	10000	350	One Month
42	Restoration of rain damages on Jachh Pressi Pangna road Km 0/0 to 20/0 (SH: Removal of slips and C/o unlined surface drain at KM 10/0 to 16/0).	136500	3000	350	One Month

Certified that the above works are of urgent nature and require to be executed immediately in the larger public interest.

Executive Engineer, Sundernagar Division, H.P.R.W.D. Sundernagar

No: - PW/SNR-E-Tender/Giriraj/2022-

14349-70

Dated: 30.09.2022

Copy forwarded to the following for information and publicity:

- The Superintending Engineer, 1st Circle H.P.P.W.D. Mandi.
- 2. The Executive Engineer (I.T) O/o Engineer-in-Chief, HPPWD Shimla (HP) <a href="mailto:eeict-pwd-shi@hp.gov.in">eeict-pwd-shi@hp.gov.in</a> for uploading the NIT on departmental website please.
- All the Assistant Engineers working under this Division.
- 4. Various Contractors working under Sundernagar Division.

Notice Board.

Executive Engineer, Sundernagar Division, H.P.P.W.D. Sundernagar

Estimated Cost Rs. 2,15,672/- only
Earnest Money Rs. 4500/- only
Time:- Three months.

Name of work: Improvement of black spot on Bhawana Maloh-road km 0/00-to 10/00 (SH:-Providing and fixing "W' metal beam Crash-barrier at RD: 3/275 to 3/327)

materials with in all leads, lifts and other incidentals.	all leads lifts and other incidentals.
process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one hundred fifty into seventy five into five millimetre), 330 mm (three hundred	
	170
22:00	
2200	5200 Rmt
M20 using batching plant transit mixer & manual placing including carriage of materials with in all leads, lifts and other incidentals.	
Plain/Reinforced Cement Concrete 1:2:4 (one cement: two coarse sand): iour graded stone aggregate 20 mm ( twenty millimetre ) nominal size) in Open  Foundation complete as per Drawing and Technical Specifications.PCC Grade	3.00 Cuiii
	200
bottom, backfilling the excavation earth to the extent required and utilising the remaining earth locally for road work including carriage of materials with in all leads lifts and other incidentals.	all
bracing, removal of stumps and other deleterious matter, dressing of sides and	Д.
3.6	3.64 cum
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Estimate Cost: Rs. 4,38,219/- only Earnest Money: Rs 10,000/- only

Time: Two months

LVL) Job- II Name of Work :-Construction of Car Parking near Lalit Chowk at Sundernagar distt. Mandi (HP) (SH:- Providing and fixing Railing at 893

Т		· . T			No.	S
	4	ω	N = 0 < 0	0 = 0 = 0	0.	-
	Providing and fixing expansion hold fasteners on C.C. /R.C.C./Brick masonry surface backing including drilling necessary holes and the cost of bolt etc complete. Fastener with threaded dia 10 mm including carriage of materials with in all leads, lifts and other incidentals as per direction of Engineer - in - charge.	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coat on new work. including carriage of materials with in all leads, lifts and other incidentals as per direction of Engineer - in - charge.	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete upto all floor level including carriage of materials with in all leads, lifts and other incidentals as per direction of Engineer - in - charge.	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., includingcutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.M.S. tube including carriage of materials with in all leads, lifts and other incidentals as per direction of Engineer - in - charge.		Sub Head and item of work
	168.00 No	88.20 sqm	1627.88 kg	1746.11 kg		Qyt.
_	0	m	ÓĠ	gd	-	
					Figure	
					Word	Rate in
Total	Each	Per square metre	Per kilo gram	Per Kilo gram	-	Unit
						Amount

Executive Engineer,
Sunder Nagar Division,
HPPWD Sunder Nagar.

Page 1 of 1

Estimated Cost: 1,17,000 /- only

Earnes Money: 2,500/- only

Time: Three month

Name of work:- A/R & M/O on Construction of Jarol to Tharu road km. 0/0 to 3/00 under Suket Sub Division HPPWD Sundernagar (SH:-Preparation of Forest Diversion Case with Digital Plan i/c Online submission and compensatory afforestation maps of Forest cases) .

alloicate		v SH:- Pres	iv SH:- Pre		III on:- Fie	1		ii SH:- Prec		: SH:- Pro	1 Prepara prepara other fice attached forest comput getting after the HP,PWD and office attendire same by Geo reference from so with so direction		Sr.No.
	afforestation map .	SH:- Preparation of Digitization of survey of india Toposheet compensatory	SH:- Preparation of Georgiefficed Landace Digital Compensatory and Commensatory	- 1		naration of survey of India Toposheet Road map.		SH:- Preparation of Georefernced Landuse Digital Road Map.		SH:- Preparation of of Forest Diversion case and online submission.	Preparation of Forest Diversion case Under Forest Conservation Act-1980 including preparation of essential papers of land falling on the road alignment and collection of other field data. and all relevant documents/ formats mandatory required would be attached with the case as per latest requirement of Ministry of Environment and forest conservation Govt. of India after getting the joint inspection/ site including computer typing in 6 copies, binding complete including online submission and getting it through from Nodal Officer forest Department Shimla and after that hard copies getting it through from HP,PWD, Sub-Division Suket, HP,PWD Division Sunder Nagar Office of Range Officer, Office of D.F.O. Sunder Nagar and office of Conservations, if raised, at any time by any office and to prepare the same by neatly and accurately filling in all the formats/ Documents complete with Geo reference / Digital map Global positioning system Coordinates collection from site including preparation of KMLs files, online submission of forest with scanning of all paper in PDF files as per requirement and as per direction of Engineer- in - charge .		Description
		3.00	0.00	3.00		3.00		3.00		3.00		5	Cumming
		km		km		km		km		km			4
												Figure	
												Words	
Total	metre	Per kilo	metre	Per kilo	metre	Per kilo	metre	Per kilo	metre	Per kilo			1



Estimate Cost :Rs. 4,99,490/-only Earnest Money: Rs. 10,000/- only

Time : Two Month

Name of work :- C/o degree college building at Dehar (SH:- C/o Approach road)

N	Sub Head and item of work	Quantity	Rate in	- 3/2	Unit	Amount	
1			Figure	words		-	
	Excavation in soil in hill area in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper blasting work both in soft and hard rock with chiseling / wedging out side of rock (where blasting is prohibited) and their intermediate classification of soil including dewatering where required settingout to the required line grades, side slopes triming bottom and level as shown on drawings as directed by the Enginner-in charge at site according to MORTH technical clause 1603.1 and 1603.2 sorting useful / un-useful materials and stacking the same in all leads and lifts and transportation of the useful materials for filling in roads ways, embankments for grades improvements and leveling to the require grade and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites through all modes of trasportation including head load animal load or machinical means alongwith its leveling fine dressing and all labour, machinaries, materials, tools equipments and sefety measures and incidentals necesary to complete the work by all means (if any required) recovary for usefull stone of 166.16 cubic mete @ Rs. 300.00 per cubic mete amounting to Rs. 49,848/- only shall be done on prorata basis for the quantity of cutting in earth work effected. Any loss to the public and private property during the course of excution shall be the absolute responsibility of the contrator, which shall have to be duly compensated by him in all respect including all leada and lifts and materials and as per direction of Enginer in charge.	5			Per cubic metre		

Executive Engineer, Sunder Nagar Division, HPPWD Sunder Nagar.

Estimate Cost: Rs. 4,89,156/- only Earnest Money: Rs 10,000/- only

Time: Two months

outer side of building) (Job-1) Name of Work: C/O Guest house in the permisses of Govt. Polytechnic collage at Sundernagar Distt Mandi (H.P) (SH:-P/F HPL Wall cladding in

Г	T	_	No.	s
		Providing and fixing in wall lining with f-quality exterior grade high-pressure laminates (hpl) panels of standard size with both side décor. oreo/abet lamanatti/poly grey cladage as per en 438-7, type EDF manufactured using patented technology (NT), panels are double hardened including acrylic polyurethane resin which is thermally cured under high pressure & high temperature.should be termite free, water resistant. in approved wooden shade with necessary fixing arrangement and screws etc. complete: 6mm (six millimetre) thick including carriage of materials with in all leads, lifts and other incidentals as per direction of Engineer - in - charge.		Sub Head and item of work
		81.76 sqm	,	Qyt.
			Figure	
			Word	Rate in
	Total	Per square metre		Unit
				Amount

Executive Engineer, Sunder Nagar Division, HPPWD Sunder Nagar

Estimated Cost Rs. 4,98,859/- only Earnest Money Rs. 10,000/- only Time: Three month.

Name of work: Improvement of (BLACK SPOT) Khurahal to Kandar road km 0/00 to 4/500 (SH:- Providing and fixing 'W' metal beam Crash barrier at RD 1/594 to 1/684)

long comple
hundred firty into severity are incomplete as per clause 811 ( with welding) including carriage of millimetre ) long complete as per clause 811 ( with welding) including carriage of millimetre) long complete as per clause 811.
centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fitments to be centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm (one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm (one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm (one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm (one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm (one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm (one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm (one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm (one to be fixed on the ver
Providing and erecting a "W" metal beam crash barrier comprising of 3 mm (three millimetre) thick corrugated sheet metal beam rail, 70 cm (seven centimetre) above millimetre) thick corrugated sheet metal beam rail, 70 cm (seven centimetre) above 2 mm (spaced 2 mm).
mm (twenty millimetre) nominal size infomination into the contraction and compacted by aggregate 40 mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days.including carriage of materials with in all leads, lifts and other incidentals.
Plain cement concrete 1:3:6 (one cement : three coarse sand :six graded stone aggregate 20
Plain/Reinforced Cement Concrete 1:2:4 (one cement: two coarse sand): four graded stone aggregate 20 mm (twenty millimetre) nominal size) in Open Foundation complete as per Drawing and Technical Specifications.PCC Grade M20 using batching plant transit mixer & manual placing including carriage of materials with in all leads, lifts and other incidentals.
Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, backfilling the excavation earth to the extent required and utilising the remaining earth locally for road work including carriage of materials with in all leads, lifts and other incidentals.
2
57
Description of items.

Executer Engineer, Sunder Nagar Division, H.P.P.W.D. Sunder Nager,

Estimate Cost: Rs.2,76,179/- only Earnest Money: Rs 6,000/- only

Time: One month

Name of Work: RRD on various roads in Bharjwanoo section under Suket Sub division (SH:- Removal of slips land slid es in various reaches)

			V. No.	-
	Removal of land slide in hilly area in ordinary rock not requiring 3068.65 blasting by mechanical means including cutting and trimming of slops and disposal of cut material with in any lift and lead upto 100 m as per technical specification 302.3.5 and 1611 as per direction of Engineer in charge with in all leads lifts and carriage of materials and other incidentals.		Sub Head and item of work	
	3068.65 cum	87	llyt.	
		Figure		
		Word	Rate in	
Total	per cubic metre		Unit	
			Amount	

Executive Engineer, Sunder Nagar Division, HPPWD Sunder Nagar,

Estimated Cost Rs. 243960/- only
Earnest Money Rs.5000/- only
Time: Two months

Name of Work: RRD on Pandar Tattapani road KM 0/00 to 10/00 (SH:-Hiring of JCB for removal of Slips and road side debris in various RDs.)

	*	1	No.
	rocky potion and saturated and disposing of all excavated earth or un-serviceable materials from the road surface up to any leads and lifts as per direction and entire satisfaction of Engineer- in charge. The machine/JCB should work minimum 7.00 hours from 9.00A.M to 5.00 P.M. daily and remove at least 25.00 cum. Quantity of slips per hour. Any loss to the public/private property of any accident etc. happened during the course of hiring period execution shall be absolute responsibility of the JCB/excavator owner which shall have to be fully compensated by him in all cases the fuel and operational staff for excavator will be provided by the owner, the repair and spare watch and ward of excavator also be borne by the contractor /owner. The daily log book will be maintained at site which should be dully verified by the Engineer-in charge.	Hiring of JCB /excavator for removal of cling and ballant in the control of the c	Description of item
	228.00 Hours		Qty.
		in word	_
Total:-	•	in figure	Rate
	Per Hours		Unit
	·.		Amount

Executive Engineer, Sunder Nagar Division, H.P.P.W.D. Sunder Nagar,

Estimated Cost Rs. 1,76,550/- only
Earnest Money Rs.3600/- only
Time: Two months

Name of Work: RRD on various roads under PIU Sub Division HP PWD Dehar (Dhawal Section) Hiring of JCB for removal of Slips and road side debris in various RDs. )

		-	Z 0	חח
	rocky potion and saturated and disposing of all excavated earth or un-serviceable materials from the road surface up to any leads and lifts as per direction and entire satisfaction of Engineer- in charge. The machine/JCB should work minimum 7.00 hours from 9.00A.M to 5.00 P.M. daily and remove at least 25.00 cum. Quantity of slips per hour. Any loss to the public/private property of any accident etc. happened during the course of hiring period execution shall be absolute responsibility of the JCB/excavator owner which shall have to be fully compensated by him in all cases the fuel and operational staff for excavator will be provided by the owner, the repair and spare watch and ward of excavator also be borne by the contractor /owner. The daily log book will be maintained at site which should be dully verified by the Engineer-in charge.	History of ICB /	Description of item	
			Qty.	
-	Hours	_		
	*	n word		8
Total:		in figure	Rate	
	Per		Unit	
	,		Amount	



Estimated Cost Rs. 4,80,691/- only Earnest Money Rs. 10,000/- only

Name of work:- C/o Link road between Kol dam (Right Bank) to Ropa - Ahan km 0/00 to 0/400 (SH:- C/o R/wall and Providing and fixing 'W' metal beam

Sr. No.	Description of items.	Quantit		R	ates	Unit	Amount
1		у		Figure	Words	- 0	Amount
_	2	3		4	5	6	7
1	Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, backfilling the excavation earth to the extent required and utilising the remaining earth locally for road work including carriage of materials with in all leads, lifts and other incidentals.	49.52	cum			Per Cubic Metre	
	Plain/Reinforced Cement Concrete 1:2:4 (one cement: two coarse sand): four graded stone aggregate 20 mm (twenty millimetre) nominal size) in Open Foundation complete as per Drawing and Technical Specifications.PCC Grade M20 using batching plant transit mixer & manual placing including carriage of materials with in all leads, lifts and other incidentals.	2.00	cum			Per Cubic Metre	
2	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor all level, excluding the cost of centering, shuttering and finishing: 1:5:10 (one cement: six coarse sand: ten graded stone aggregate) 40 mm (forty millimetre) nominal size and curing complete including carriage of materials with in all leads, lifts and other incidentals as per direction of Engineer - in - charge.	90.99	cum		n	Per Cubic Metre	
4	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm ( three millimetre ) thick corrugated sheet metal beam rail, 70 cm ( seven centimetre ) above road/ground level, fixed on ISMC series channel vertical post, $150 \times 75 \times 5$ mm ( spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section $150 \times 75 \times 5$ mm(one hundred fifty into seventy five into five millimetre) , 330 mm ( three hundred thirty millimetre ) long complete as per clause 811 including carriage of materials with in all leads, lifts and other incidentals.	14.00	Rmt			Per Runnin g Metre	

_							_			
	carriage of materials and other incidentals.	technical specification clause 614,709& 1204.3.7 within all leads , lifts and	with slope of 1 (v) :20 (H) towards drawing face complete as per drawing and	millimetre ) dia PVC pipe extended through the full width of the structures	concrete abutment wing wall return wall with 100 mm (one hundred	Providing weep hole in brick masonry / stone masonry /plain reinforced		material within all leads, lifts and carriage of materials and other incidentals.	as per drawing and technical specification clause 1204.3.8 stone/ granular	Back filling with stone behind abutment, wing wall and return wall complete
						28.00				17.44
			6			Nos				cum
Total						Each		metre	Cubic	per

Executive Engineer, Sunder Nagar Division, H.P.P.W.D. Sunder Nagar.

Name of Work:- RRD on various roads under PIU Sub Division HP PWD Dehar (Dehar Section) Hiring of Tipper for carriage of different material ).

Estimated Cost Rs. 1,67750/- only
Earnest Money Rs.3500/- only
Time: - Two months
(SH:-

+	I Hiring lift to Engine daily a during Tipper fuel an provide ward o be mai charge.	1	
	Hiring of Tipper for carriage/ disposal of debris to dumping site of work with lift to suitable place with in all leads and lifts to the entire satisfaction of the Engineer-in Charge. The Tipper should work minimum 9.00 AM to 5.00 PM daily any loss to the public/ private property or any accident etc. happened during the course of hiring period shall be absolute responsibility of the Tipper owner which shall have to be fully compensated by him in all cases the fuel and Tipper driver and lodging & boarding of operational staff will be provided by the Tipper owner the repair and spare including watch and ward of Tipper also borne by the contractor /owner. The daily log book will be maintained at site which should be dully verified by the Engineer-in charge.		Description of Item
	55.00 Days		Qty.
	x*	in world in figure	
Total:-	C .	in figure	Rate
F-	Per day		Unit
			Amount

Executive Engineer, Sunds Nager Division, H.P.P.W.D. Sunder Nager

Estimate Cost: Rs. 98,316/- only Earnest Money: Rs 2,000/- only

arnest Money: Rs 2,000/- on Time: One months

Name of Work:- A/R & M/O on Bhawana to Maloh road km 0/0 to 10/000 (SH:- C/o B/ wall at RD. 0/290 to 0/298.50)

Γ			T -	Т	
	ω		9	-	5.140.
	Providing weep hole in brick masonry / stone masonry /plain reinforced concrete abutment wing wall return wall with 100 mm (one hundred millimetre) dia PVC pipe extended through the full width of the structures with slope of 1 (v):20 (H) towards drawing face complete as per drawing and technical specification clause 614,709& 1204.3.7 within all leads, lifts and carriage of materials and other incidentals.	cement: five sand ten graded crashed stone aggregate) 40mm (fortymillmetre) nominal size in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 within all leads, lifts and carriage of materials and other incidentals.	specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, backfilling the excavation earth to the extent required and utilising the remaining earth locally for road workwithin all leads, lifts and carriage of materials and other incidentals.	Earth work in excavation of foundation of the	Sub Head and item of work
	8.00 Nos	22.78 cum	11.05 cum		Qyt
				Figure	I
				Word	Rate in
Total	Each	Per Cubic metre	Per Cubic metre		Unit
			it		Amount

Executive Engineer, Sunder Nagar Division, HPPWD Sunder Nagar.

Estimated cost Rs. 4, 98,332/- only Earnest Money Rs.10,000/- Only Time: Three Months

Name of work: A/R & M/O on Alsoo to Sohar via Jambla road km 0/00 to 8/90 & Bhantrehar to Pathkan road 0/00 to 3/200 (SH:- P/L Gr.-II for correction layer and Repair of the pot holes in Alsoo Jambla road km 7/480 to 8/300 & Bhantrehar to Pathkan road km 1/015 to 2/760)

11	2 Re pr 15	1 Proceedings of the state of t		S.No
Term $\&$ condition :- The bitumen will be provided by the department free of cost to the contractor .	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause 1904.2,503 and 508.1. including all leads, lifts of material and other incidentals.	Providing and laying spreading and compacting crushed stone aggregate of specific sizes 63 to 45 mm (sixty three to forty five millimeter) too water bound macadam specification including spreading and rolling with smooth wheel roller 80-100 KN in stages to proper grade and camber applying /binding materials to fill up the interstices of course aggregate watering and compacting to the required density <b>grading II</b> as per technical specification clause 405. including all leads, lifts of material and other incidentals.		Description of items
	2077.50 sqr	15.58 cum		Quantity
	п		in figure	
			in world	Rate
Total	Per Square metre	Per cubic metre		Unit
				Amount

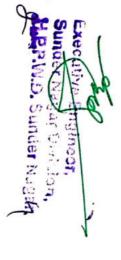
Executive Engineer, Sunder Nagar Division, b. P.P.W.D. Sunder Nagar.

Estimate Cost: Rs. 1,99,612/- only Earnest Money: Rs 4,000/- only

Time: Three months

Name of Work: Link road from Ghatta to Bari km 0/00 to 0/300 (SH:- C/o R/ wall at RD. 0/120 to 0/126 & 0/154.75 to 0/159.75) BASP Deposit work

S. NO	S. No. Sub Head and item of work		Qyt.		)yt. Rate in	
				71	Figure	Figure Word
1	Earth work in excavation of foundation of structures as per drawing and technical specification,	19.75	2	cum	m	ur
	including setting out, construction of shoring and bracing, removal of stumps and other deleterious					
	matter, dressing of sides and bottom, backfilling the excavation earth to the extent required and					
	utilising the remaining earth locally for road workwithin all leads , lifts and carriage of materials and					
	other incidentals.					
2	Providing and Laying concrete for plain/veinforced concrete P.C.C. nominal mix 1:5:10 (one cement: 44.83	44.83		cum	cum	cum
	five sand ten graded crashed stone aggregate) 40mm (forty millimeter) nominal size in open					
	foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203					
	within all leads , lifts and carriage of materials and other incidentals.		ŀ			
3	Back filling with stone behind abutment, wing wall and return wall complete as per drawing and	7.22		cum	cum	cum
	technical specification clause 1204.3.8 stone/ granular material within all leads, lifts and carriage of					_
	materials and other incidentals.					
4	Providing weep hole in brick masonry / stone masonry / plain reinforced concrete abutment wing	20.00		Nos	Nos	Nos
	wall return wall with 100 mm (one hundred millimetre ) dia PVC pipe extended through the full					
	width of the structures with slope of 1 (v) :20 (H) towards drawing face complete as per drawing					
_	and technical specification clause 614,709& 1204.3.7 within all leads, lifts and carriage of materials	-				
	and other incidentals.					
		`				



Estimate Cost: Rs. 4,38,219/- only Earnest Money: Rs 10,000/- only

Time:Two months

Name of Work :-LVL) Job- II Construction of Car Parking near Lalit Chowk at Sundernagar distt. Mandi (HP) (SH:- Providing and fixing Railing at 896.

gular hollow tubes etc.) trusses etc., and a priming coat of approved steel haped washers etc. complete.M.S., lifts and other incidentals as per lift up sections, trusses and framed applying a priming coat of approved applying a priming coat of approved applying a priming coat of approved ng carriage of materials with in all leads, lifts and manufacture to give an even sge of materials with in all leads, lifts - charge .  C.C. /R.C.C./Brick masonry surface swith in all leads, lifts and other swith swith in all leads, lifts and other swith in all leads, lifts and other swith swith in all leads, lifts and swith swith in all leads, lifts and swith swith lifts and swith swi	Total	10			Incidentals as bet direction of Engineer in energy		
Figure Word Per kilo gram  1627.88 kg Per kilo gram  88.20 sqm Per square metre				100.00 No	Providing and fixing expansion hold fasteners on C.C. /K.C.C./brick masonly surface backing including drilling necessary holes and the cost of bolt etc complete. Fastener with threaded dia 10 mm including carriage of materials with in all leads, lifts and other threaded dia 10 mm including carriage of materials with in all leads, lifts and other charge.	4	
Figure   Word   Per kilo   gram	Ch	T		160 00 No			
1746.11 kg Figure Word Per kilo gram  1627.88 kg Per kilo gram  88.20 sqm Per	etre	me squ			shade Two or more coat on new work. including carriage of materials with in all leads, lifts and other incidentals as per direction of Engineer - in - charge.		
c.) trusses etc., 1746.11 kg approved steel complete.M.S. identals as per sea and framed per kilo approved steel complete identals as per sea and framed sea and framed sea of approved rials with in all	П	Pei		88.20 sqm	Painting with synthetic enamel paint of approved brand and manufacture to give an even	ω	
1746.11 kg Figure Word Per kilo gram  1627.88 kg Per kilo gram			*		steel primer all complete upto all floor level including carriage of materials with in all leads, lifts and other incidentals as per direction of Engineer - in - charge.		
1746.11 kg Figure Word Per kilo gram	m kilo	Per			Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved	2	
1746.11 kg Figure Word Per kilo gram					tube including carriage of materials with in all leads, lifts and other incidentals as per direction of Engineer - in - charge .		
1746.11 kg Figure Word Per kilo		C		ħ	primer, including welding and bolted with special shaped washers etc. complete.M.S.		
Cyc. Figure Word	m kilo	Per			Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel	_	
Oyr. Kate iii		Word	Figure			No.	
Out Pate in Hait	Unit Amount	Rate in Ur	F	Qyt.	Sub Head and item of work	s.	

Executive Engineer, Sunder Nagar Division, HPPWD Sunder Nagar

Estimate Cost: Rs. 4,99,363/- only

Earnest Money: Rs 10,000/- only

Scanned with CamScanner

Name of Work: A/R & M/O on NH-21 CMM road km 173/900 to 178/330 (SH:- Providing and laying of interlocking concrete block pavements on LHS side at RD.174/308 to 174/337) Time: Three months

	Total	-				-	1
	Меtте				Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 P.C.C. grade M 20 Nominal mix 1:2:4 (one cement: two sand: four graded stone aggregate) within all leads, lifts and carriage of materials and other incidentals.	4 Prov drav Non lead	
	Per Cubic			0.91 cum	1		
		V 220			laid over and jointed with neat cement slurry mixed with pigment to match the shade of blocks i/c curing rubbing & polishing complete (Sub base concrete floor to be paid for 80mm thick inter locking blocks within all leads, lifts and carriage of materials and other incidentals.	laid bloo 80n othe	
	square Metre			221.68 sqm	Providing and laying heavy duty precast cement conrete inter locking paver blocks vibro compacted upto M- 50 grade i/c border or kurb block grey or coloured over sub-base of concrete with 25mm thick average thickness of cement mortar 1:4 (1 cement : 4 sand)	3 Pro	
					(twenty millimeter ) within all leads , lifts and carriage of materials and other incidentals.	inc	
	Metre			23.08 cum	Providing concrete for plain / reinforced concrete in open foundations complete as per drawings and technical specifications clause 802,803,1202 & 1203 P.C.C. grade M-	2 Pro	
	Cubic						
					bottam and and backfilling in trenches with excavated suitable material ordinary soil within all leads , lifts and carriage of materials and other incidentals .	soi	
					and technical specification clause 1104 including setting out construction of shoring and bracing removal of stump and other deleterious material dressing of side and	an	
	per Cubic metre			50.56 cum		1 Ea	
		Word	Figure				
Amount	Unit	Rate in	R	Byt.	Sub Head and item of work	S No	
	-				pavements on LHS side at RD. 174/308 to 174/337)	paveme	

Executive Engineer, Sunder Nagar Division, HPPWD Sunder Nagar.

Estimated Cost Rs. 1,67750/- only
Earnest Money Rs.3500/- only
Time: - Two months

Hiring of Tipper for carriage of different material ). Name of Work:- RRD on various roads under PIU Sub Division HP PWD Dehar (Dhawal Section)

		1		Sr. No.
	lift to suitable place with in all leads and lifts to the entire satisfaction of the Engineer-in Charge. The Tipper should work minimum 9.00 AM to 5.00 PM daily any loss to the public/ private property or any accident etc. happened during the course of hiring period shall be absolute responsibility of the Tipper owner which shall have to be fully compensated by him in all cases the fuel and Tipper driver and lodging & boarding of operational staff will be provided by the Tipper owner the repair and spare including watch and ward of Tipper also borne by the contractor /owner. The daily log book will be maintained at site which should be dully verified by the Engineer-in charge.	Hiring of Tipper for carriage/ disposal of debris to dumping site of work with 55.00		Description of item
	v	55.00 Days		Qty.
		S	in world	
Total:-			in figure	Rate
al:-		Per day		Unit
				Amount

Executive Engineer, Sunder Nagar Division, H.P.P.W.D. Sunder Nager,

KEL Dated &

지의 모든 다음 63.00 mtr. Span PSC box girder Bridge over Saul Seri Khad at km 2/585 Tehsil Sundernagar Distt. Mandi HP. (SH:- Painting and priming Estimate Cost: Rs. 88,731/- only

S. No.

	Finishing with manufacturer's etc. complete. Clifts and carrian	Finishing walls gm/litre and U exterior paint of (Two or more exterior primer with in all lead	Applying primit (Volatile Organi having VOC con in all leads lift)	brand and man smooth complet of materials ar	Providing and a	. N.
	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. On concrete workas per direction of Engineer in charge with in all leads lifts and carriage of materials and other incidentals.	Finishing walls with 100% Premium acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives. New work (Two or more coats applied @ 1.43 litre/ 10 sqm. Over and including priming coat of exterior primer applied @ 0.90 litre/10 sqmas per direction of Engineer in charge with in all leads lifts and carriage of materials and other incidentals.	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound ) content. With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre as per direction of Engineer in charge with in all leads lifts and carriage of materials and other incidentals.	brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete, per direction of Engineer in charge with in all leads lifts and carriage of materials and other incidentals.	Providing and applying white cement based putty of average thickness 1 mm of	Sub Head and item of work
	170.10 s	191.34	361.44	191.34		Dyr.
	sqm	mps	sqm	sqm	Figure	
			2.			Rate in
Total	Per square metre	Per square metre	Per square metre	Per square metre		<u>-</u>
					Amount	Ì

Estimated Cost Rs. 1,76,550/- only Earnest Money Rs.3600/- only Time: Two months (SH:-

Name of Work :- RRD on various roads under PIU Sub Division HP PWD Dehar (Dhawal Section) Hiring of JCB for removal of Slips and road side debris in various RDs. )

Sr.	Description of item	Qt	у.		Rate	Unit	Amount
No		8		in word	in figure		
1	Hiring of JCB /excavator for removal of slips and boulder in all kinds of soil including rocky potion and saturated and disposing of all excavated earth or un-serviceable materials from the road surface up to any leads and lifts as per direction and entire satisfaction of Engineer- in charge. The machine/JCB should work minimum 7.00 hours from 9.00A.M to 5.00 P.M. daily and remove at least 25.00 cum. Quantity of slips per hour. Any loss to the public/private property of any accident etc. happened during the course of hiring period execution shall be absolute responsibility of the JCB/excavator owner which shall have to be fully compensated by him in all cases the fuel and operational staff for excavator will be provided by the owner, the repair and spare watch and ward of excavator also be borne by the contractor /owner. The daily log book will be maintained at site which should be dully verified by the Engineer-in charge.		Hours			Per Hours	
Г				1	To	tal:-	

under vegar O. ion, P.W.D. Sunder Nagar.

Estimate Cost: Rs.2,71,422/- only Earnest Money: Rs 6,000/- only

Time : One month

Name of Work :- RRD on various roads in local section -Il under Suket Sub division (SH:- Removal of slips land slid es in various reaches)

S. No.	Sub Head and item of work
1	Removal of land slide in hilly area in ordinary rock not requiring 3015.80
	blasting by mechanical means including cutting and trimming of slops
-	and disposal of cut material with in any lift and lead upto 100 m as
	per technical specification 302.3.5 and 1611 as per direction of
	Engineer in charge with in all leads lifts and carriage of materials
	and other incidentals.



is IIO No. referred to above for information

Estimate Cost: Rs. 4,43,377/- only Earnest Money: Rs 10,000/- only

Time: Two months

Name of Work: Construction of Car Parking near Lalit Chowk at Sundernagar distt. Mandi (HP) (SH: Providing and fixing Railing at stair case in 890 to 893, 893 to 896 & 896 to 899 LVL. And 10mm plate over expension joint at 899, 896,893 & 890 LVL.)

	₹otal				III Cludinals as por silvers	
					threaded dia 10 mm including carriage of materials with in all leads, lifts and other incidentals as per direction of Engineer - in - charge.	
	Each		0 No	286.00	Providing and fixing expansion hold fasteners on C.C. /R.C.C./Brick masonry surface	4
	metre				and other incidentals as per direction of Engineer - in - charge	
	Per square		84.00 sqm		Painting with synthetic enamel paint of approved brand and manufacture to give an even	ω
			e.		leads, lifts and other incidentals as per direction of Engineer - in - charge .	
	gram				work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete upto all floor level including carriage of materials with in all	
	Per kilo	,	0 kg	1821.20	Structural steel work riveted, bolted or welded in built up sections, trusses and framed	2
					direction of Engineer - in - charge .	
			*		primer, including welding and bolted with special shaped washers etc. complete.M.S.	
	gram				includingcutting, hoisting, fixing in position and applying a priming coat of approved steel	17
	Per kilo		ķ	1577.85	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc.,	_
		Figure Word	Fig			
				,		No.
Amount	Unit	Rate in	1	Oyt.	Sub Head and item of work	s.
		0 0 0 0 0 L V L .)	099, 090,09	Joint at	in 650 to 655, 655 to 656 to 655 LVL. And round plate over expension joint at 655, 650,655 to 650 LVL.	2000

Executive Engineer,
Sunder Nagar,
HPPWD Sunder Nagar,

Name of work:-1/561 to 1/587) Estimated Cost Rs. 2,21,055/- only
Earnest Money Rs. 4500/- only
Time: Three months.

Improvement of black spot on Bhawana Maloh road km 0/00 to 10/00 (SH:- Providing and fixing 'W' metal beam Crash barrier at RD. 1/435 to 1/462 &

	Г				
	1	1	2	ω	
	2	Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, backfilling the excavation earth to the extent required and utilising the remaining earth locally for road work including carriage of materials with in all leads, lifts and other incidentals.	Plain/Reinforced Cement Concrete 1:2:4 (one cement: two coarse sand): four graded stone aggregate 20 mm (twenty millimetre) nominal size) in Open. Foundation complete as per Drawing and Technical Specifications.PCC Grade M20 using batching plant transit mixer & manual placing including carriage of materials with in all leads, lifts and other incidentals.	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm (three millimetre) thick corrugated sheet metal beam rail, 70 cm (seven centimetre) above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm (spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one hundred fifty into seventy five into five millimetre), 330 mm (three hundred thirty millimetre) long complete as per clause 811 including carriage of materials with in all leads, lifts and other incidentals.	
Lunning	ω	3.91	3.86 0	53.00	
_		cum	cum	Rmt	
Figure	4				
Words	5				
	6	Per Cubic Metre	Per Cubic Metre	Per Running Metre	Total
	7				



Estimated Cost Rs. 4,98,320/- only Earnest Money Rs. 10,000/- only

Time:- Three month.

	1					
	Total				millimetre J. long compression in Francisco Co	<u> </u>
	Running Metre			\$00.00 Kinc	providing and erecting a "W" metal beam crash barrier comprising of 3 mm (three providing and erecting a "W" metal beam rail, 70 cm (seven centimetre) above millimetre) thick corrugated sheet metal beam rail, 70 cm (seven centimetre) above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm (spaced 2 m road/ground level, 1.8 m high, 1.1 m below ground/road level, all steel parts and fitments to be centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm (one to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm (one to be fixed on the vertical post with a	4
	Metre			1	one acted by Is, lifts	u
	Per			11.55 cum	nline concrete 1:3:6 (one cement: three coarse sand :six graded stone aggregate 20	
	Cubic			11.36 cum	Plain/Reinforced Cement Concrete 1:2:4 (one cement: two coarse sand): four graded stone aggregate 20 mm (twenty millimetre) nominal size) in Open Foundation complete as per Drawing and Technical Specifications.PCC Grade M20 using batching plant transit mixer & manual placing including carriage of materials with in all leads, lifts and other incidentals.	2
	Metre				specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, backfilling the excavation earth to the extent required and utilising the remaining earth locally for road work including carriage of materials with in all leads, lifts and other incidentals.	
	Per			16.86 cum	Earth work in excavation of foundation of structures as per drawing and technical	1
7	6		4	ω	2	1
1			Figure	У		No.
Amount	Unit		Rates	Quantit	Description of items.	Sr.
III CI asii	metal bear	g and fixing 'W	- Providin	15/500 (SH:	Name of work: Improvement of (BLACK SPOT) Slapper to Serikothi road km 0/00 to 15/500 (SH:- Providing and fixing 'W' metal beam Classical States at RD 6/200 to 6/300)	Name o
Crach	III OII CII.	IIIIe - IIIIco mo				

H.P.P.W.D. Sunder Nagar

Magar Division,

Estimate Cost: Rs.1,11,258/- only

Name of Work:- C/o link road from Ropa to Padhana km 0/00 to 2/500 (SH:- C/o Providing and laying earthen shoulder at RD. 1/00 to 2/500)

NO.	Sub Head and item of work	Qyt.		Rate In		Unit	Amount
_				Figure	Word		
	Earthwork 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 material and disposal upto a lead of any metre, dressing of sides and bottom and backfilling in trenches with excavated suitable material Ordinary soil upto any metre within all leads, lifts and carriage of materials and other incidentals.	315.00	cum		8	Per Cubic metre	
_					,	Total	

SCHEDULE OF QUANTITY

Estimated Cost Rs. 4,81,853/- only Earnest Money Rs. 10,000/- only

Description of items.	Name	:- C/c		/o R/wall ar	(SH:- C/o R/wall and Providing and fixing Williams)	d fixing w	Metar
Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, backfilling the excavation earth to the extent required and utilising the remaining earth locally for road work including carriage of materials with in all leads, lifts and other lindentals.  Plain/Reinforced Cement Concrete 1:2:4 (one cement: two coarse sand) : four plain/Reinforced Cement Concrete wenty millimetre) nominal size) in Open graded stone aggregate 20 mm (twenty millimetre) nominal size) in Open graded stone gagregate 20 mm (twenty millimetre) nominal size) in Open graded stone gagregate and patching plaint transit mixer & manual placing including carriage of materials with in all leads, lifts and other incidentals.  With in all leads, lifts and other incidentals of the cost of centering or lacing courses, parapets, oping, bed blocks, anchor struts, buttresses, string or lacing courses, parapets, oping, bed blocks, anchor struts, buttresses, string or lacing courses, parapets, oping, bed blocks, anchor struts, buttresses, string or lacing courses, parapets, oping, bed blocks, anchor struts, buttresses, string or lacing courses, parapets, oping, bed blocks, anchor struts, buttresses, string or lacing courses, parapets, oping, bed blocks, anchor struts, buttresses, string or lacing course, parapets, oping, bed blocks, anchor struts, buttresses, string or lacing course, parapets, oping, bed blocks, anchor struts, buttering and finishing; 1:5:10 (one cement: isx coarse sand the cost of centering, shuttering and finishing; 1:5:10 (one cement: isx coarse sand the cost of centering, shuttering and finishing; 1:5:10 (one cement: isx coarse sand the cost of centering shuttering and fi	Crash	Crash barrier at RD 0/048 to 0/064 ) NTPC Deposit			ator	Unit	Amount
Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing; removal of stumps and other deleterious matter, dressing of sides and bottom, backfilling the excavation earth to the extent required and utilising the remaining earth locally for road work including carriage of materials with in all leads, lifts and other incidentals.  Plain/Reinforced Cement Concrete 1:2:4 (one cement: two coarse sand): four graded stone aggregate 20 mm ( twenty millimetre ) nominal size) in Open graded stone aggregate 20 mm ( twenty millimetre ) nominal size) in Open graded stone aggregate 20 mm ( treathing and Technical Specifications.PCC Grade M20 Foundation complete as per Drawing and Technical Specifications.PCC Grade M20 Foundation complete as per Drawing and Technical Specifications.PCC Grade M20 Foundation complete as per Drawing and Technical Specifications.PCC Grade M20 Foundation complete as per Drawing and Technical Specifications.PCC Grade M20 Foundation complete as per Drawing and Technical Specifications.PCC Grade M20 Foundation complete as per Drawing and Technical Specifications.PCC Grade M20 Foundation complete as per Drawing and Technical Specifications.PCC Grade M20 Foundation complete as per Drawing and Technical Specifications.PCC Grade M20 Foundation complete as per Drawing and Technical Specifications.PCC Grade M20 Foundation complete as per Drawing and Technical Specifications.PCC Grade M20 Foundation complete as per Drawing of Bilasters, columns, piers, abutments, pilasts, walls (any Foundation complete as per Drawing and Encilone Providing Encilone Providing Encilone Providing Encilone Provided Encilone Prov	No.		у	1 1	Words		4
Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, backfilling the excavation earth to the extent required and utilising the remaining earth locally for road work including carriage of materials with in all leads, lifts and other incidentals.  Plain/Reinforced Cement Concrete 1:2:4 (one cement: two coarse sand): four plain/Reinforced Cement Concrete in the providing and leads lifts and other incidentals.  Foundation complete as per Drawing and Technical Specifications. PCC Grade M20 Foundation complete as per Drawing and Technical Specifications. PCC Grade M20 Providing and laying cement concrete in retaining walls, return walls, walls (any Providing and laying cement concrete in retaining walls, return walls, walls (any Providing and laying cement concrete in retaining walls, return walls, walls (any Providing and laying or lacing courses, parapets, coping, bed blocks, anchor struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor struts, buttresses, string or lacing course, parapets, coping, bed blocks, anchor struts, buttresses, string or lacing course, parapets, copin	_	2	ω	4	55	6	
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as per direction of Engineer  Providing and erecting a "W" metal beam crash barrier comprising of 3 mm (three providing and erecting a "W" metal beam rail, 70 cm (seven centimetre) millimetre) thick corrugated sheet metal beam rail, 70 cm (seven centimetre) above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm (spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm (one hundred fifty into seventy five int	2	Providing and laying cement concrete in reducing ward, thickness) including attached pilasters, columns, piers, abutments, pillars, posts, thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor struts, buttresses, string or lacing courses, parapets, up to floor all level, excluding blocks, plain window sills, fillets, sunken floor etc., up to floor all level, excluding the cost of centering and finishing: 1:5:10 (one cement: six coarse sand the cost of centering, shuttering and finishing: 1:5:10 (one cement: six coarse sand curing ten graded stone aggregate) 40 mm (forty millimetre) nominal size and curing complete including carriage of materials with in all leads, lifts and other incidentals complete including carriage of materials with in all leads, lifts and other incidentals				Мете	
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	4.	providing and erecting a "W" metal beam crash parties compared millimetre) thick corrugated sheet metal beam rail, 70 cm (seven centimetre) above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 above road/ground level, fixed on ISMC series channel vertical post, all fittings to conform steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one hundred fifty into seventy five into spacer of channel section 150 x 75 x 5 mm(one hundred fifty into seventy five into spacer of channel section 150 x 75 x 5 mm(one hundred fifty into seventy five into spacer of channel section 150 x 75 x 5 mm(one hundred fifty into seventy five into spacer of channel section 150 x 75 x 5 mm(one hundred fifty into seventy five into spacer of channel section 150 x 75 x 5 mm(one hundred fifty into seventy five into spacer of channel section 150 x 75 x 5 mm(one hundred fifty into seventy five into spacer of channel section 150 x 75 x 5 mm(one hundred fifty into seventy five into spacer of channel section 150 x 75 x 5 mm(one hundred fifty into seventy five into spacer of channel section 150 x 75 x 5 mm(one hundred fifty into seventy five into spacer of channel section 150 x 75 x 5 mm(one hundred fifty into seventy five into spacer of channel section 150 x 75 x 5 mm(one hundred fifty into seventy five into spacer of channel section 150 x 75 x 5 mm(one hundred fifty into seventy five into spacer of channel section 150 x 75 x 5 mm(one hundred fifty into seventy five into spacer of channel section 150 x 75 x 5 mm(one hundred fifty into seventy five into spacer of channel section 150 x 75 x 5 mm(one hundred fifty into seventy five into spacer of channel section 150 x 75 x 5 mm(one hundred fifty into seventy five into		,		g Metre	

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	concrete abutment wing wall return wall with 100 mm (one hundred millimetre) dia PVC pipe extended through the full width of the structures with slope of 1 (v):20 (H) towards drawing face complete as per drawing and technical specification clause 614,709& 1204.3.7 within all leads, lifts and carriage of materials and other incidentals.	Back filling with stone behind abutment, wing wall and return wall complete as per drawing and technical specification clause 1204.3.8 stone/ granular material within all leads, lifts and carriage of materials and other incidentals.
	28.00	18.48
	Nos	cum
Total	Each	per Cubic metre

Sunder Hagar Division, H.P.P.W.D. Sunder Nagar.

Estimate Cost: Rs. 4,99,120/- only Earnest Money: Rs10,000/- only

Time: Three months

	ω	2	н	No.
	Back filling with stone behind abutment, wing wall and return wall complete as per drawing and technical specification clause 1204.3.8 stone/ granular material within all leads, lifts and carriage of materials and other incidentals.	Providing weep hole in brick masonry / stone masonry /plain reinforced concrete abutment wing wall return wall with 100 mm (one hundred millimetre) dia PVC pipe extended through the full width of the structures with slope of 1 (v):20 (H) towards drawing face complete as per drawing and technical specification clause 614,709& 1204.3.7 within all leads, lifts and carriage of materials and other incidentals.	Stone masonry in cement mortar for foundation complete as per drawing and technical specification clause 702, 704,1202 and 1204 (Random rubble masonry in cement mortar . 1:6 (one cement: six sand) within all leads, lifts and carriage of materials and other incidentals.	S. Sub Head and item of work  Sub Head and item of work  Sub Head and item of work
	14.23 cum	20.00 Nos	103.67 cum	
	n	V		9/710 to 9/718.50) lyt. Figure
				Rate in Word
Total	Each	Each	per Cubic metre	Unit
				Amount

Executive Engineer, Sunder Nagar Division, H.P.P.W.D. Sunder Nagar,

Estimate Cost :Rs. 4,99,535/-only Earnest Money: Rs. 10,000/- only

Time: Two Month

# Name of work :- C/o degree college building at Dehar (SH:- Site development)

			V.Z
	bxcavation in soil in hill area in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper blasting work both in soft and hard rock with chiseling / wedging out side of rock (where blasting is prohibited) and their intermediate classification of soil including dewatering where required settingout to the required line grades, side slopes triming bottom and level as shown on drawings as directed by the Enginner-in charge at site according to MORTH technical clause 1603.1 and 1603.2 sorting useful / un-useful materials and stacking the same in all leads and lifts and transportation of the useful materials for filling in roads ways, embankments for grades improvements and leveling to the require grade and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites through all modes of trasportation including head load animal load or machinaries, materials, tools equipments and sefety measures and incidentals necesary to complete the work by all means (if any required) recovary for useful stone of 164.50 cubic mete @ Rs. 300.00 per cubic mete amounting to Rs. 49,350/-only shall be done on prorata basis for the quantity of cutting in earth work effected. Any loss to the public and private property during the course of excution shall be the absolute responsibility of the contrator, which shall have to be duly compensated by him in all respect including all leada and lifts and materials and as per direction of Enginer in charge.		S.N Sub Head and item of work
_	2253.00 cum	8	Quantity
		Figure	Rate in
		words	
Total	Per cubic metre		Unit
			Amount

Executive Engineer, Sunder Nagar Division, HPPWD Sunder Nagar:

Estimated Cost Rs. 1,49,800/- only Earnest Money Rs.3000/- only

One month

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) (Sh:- Hiring of JCB for removal of Slips in km 0/00 to 16/00)	
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		-	No.	Sr.
	rocky potion and saturated and disposing of all excavated earth or un-serviceable materials from the road surface up to any leads and lifts as per direction and entire satisfaction of Engineer- in charge. The machine/JCB should work minimum 6.00 hours from 9.00A.M to 5.00 P.M. daily and remove at least 25.00 cum. Quantity of slips per hour. Any loss to the public/private property of any accident etc. happened during the course of hiring period execution shall be absolute responsibility of the JCB/excavator owner which shall have to be fully compensated by him in all cases the fuel and operational staff for excavator will be provided by the owner, the repair and spare watch and ward of excavator also be borne by the contractor /owner. The daily log book will be maintained at site which should be dully verified by the Engineer-in charge.	Hiring of ICB Javanetas for removal of cline and boulder in all binds of soil including		Description of item
		$\exists$		Qty.
		Hours	_	
			in world in figure	
Total:-			n figure	Rate
	Hours	Per		Unit
				Amount

Executive Engineer,
Sunder Nagar Division,
H, P.P.W.D. Sunder Nagar.

Estimated Cost Rs. 2,24,700/- only Earnest Money Rs. 4500/- only

Time: Two months

Name of Work:- RRD on Dhawal to Batwara road KM 0/00 to 11/00 (SH:-Hiring of JCB for removal of Slips and road side debris in km 00/00 to 11/00)

Hiring of JCB /excavator for removal of slips and boulder in all kinds of soil including rocky potion and saturated and disposing of all excavated earth or un-serviceable materials from the road surface up to any leads and lifts as per direction and entire) satisfaction of Engineer- in charge. The machine/JCB should work minimum 7.00 hours from 9.00A.M to 5.00 P.M. daily and remove at least 25.00 cum. Quantity of slips per hour. Any loss to the public/private property of any accident etc. happened during the course of hiring period execution shall be absolute responsibility of the JCB/excavator owner which shall have to be fully compensated by him in all cases the fuel and operational staff for excavator will be provided by the owner, the repair and spare watch and ward of excavator also be borne by the contractor /owner. The daily log book will be maintained at site which should be dully verified by the Engineer-in charge.  Rate Unit Amount in world in figure Per Hours watch and entire or un-serviceable materials including 210.00 Hours world in figure Per Hours watch and entire or un-serviceable materials from the repair and spare watch and ward of excavator will be maintained at site which should be dully verified by the Engineer-in charge.	Γ	Τ				_					_		-	NO	S C
Rate Unit in world in figure Per Hours Hours			at site which should be dully verified by the Engineer-in charge.	excavator also be borne by the contractor /owner. The daily log book will be maintaine	excavator will be provided by the owner, the repair and spare watch and ward of	have to be fully compensated by him in all cases the fuel and operational staff fo	period execution shall be absolute responsibility of the JCB/excavator owner which shal	to the public/private property of any accident etc. happened during the course of hiring	9.00A.M to 5.00 P.M. daily and remove at least 25.00 cum. Quantity of slips per hour. Any loss	satisfaction of Engineer- in charge. The machine/JCB should work minimum 7.00 hours from	materials from the road surface up to any leads and lifts as per direction and entire	rocky potion and saturated and disposing of all excavated earth or un- serviceable	HITING OF JCB /excavator for removal of slips and boulder in all kinds of soil including		
Rate Unit in world in figure Per Hours		T				_							_		Qty.
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ours ours	10	-		_										in figure	₹ate
Amount	ial:-	_	_	_	_	_		_		_		Hours	Per		Unit
	-		_	-	_		_								Amount

Estimate Cost: Rs. 4,99,503/- only

Earnest Money: Rs 10,000/- only

Time: Three months

Name of Work: A/R & M/O on NH-21 CMM road km 173/900 to 178/330 (SH:- Providing and laying of interlocking concrete block pavements on LHS side at RD. 174/337 to 174/370)

				T
	cum	1.04 0	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 P.C.C. grade M 20 Nominal mix 1:2:4 (one cement: two sand: four graded stone aggregate) within all leads, lifts and carriage of materials and other incidentals.	4
	sqm	221.07 s	Providing and laying heavy duty precast cement conrete inter locking paver blocks vibro compacted upto M- 50 grade i/c border or kurb block grey or coloured over sub-base of concrete with 25mm thick average thickness of cement mortar 1:4 (1 cement : 4 sand) laid over and jointed with neat cement slurry mixed with pigment to match the shade of blocks i/c curing rubbing & polishing complete (Sub base concrete floor to be paid for 80mm thick inter locking blocks within all leads , lifts and carriage of materials and other incidentals.	ω
	cum	23.15 0	Providing concrete for plain / reinforced concrete in open foundations complete as per drawings and technical specifications clause 802,803,1202 & 1203 P.C.C. grade M-10 nominal mix 1: 3: 6 (one cement : three sand :six graded stone aggregate 20mm (twenty millimeter ) within all leads , lifts and carriage of materials and other incidentals.	2
	cum	50.70 cr	Earth work in excavation for foundation of structure up to 3mtr depth as per drawing and technical specification clause 1104 including setting out construction of shoring and bracing removal of stump and other deleterious material dressing of side and bottam and and backfilling in trenches with excavated suitable material ordinary soil within all leads, lifts and carriage of materials and other incidentals.	н
D3	Figure Rate in	Øyt.	Sub Head and item of work	S. No.
				1

Executive Engineer, Sunder Nagar Division, HPPWD Sunder Nagar,

Estimated Cost Rs. 1,52,500/- only Earnest Money Rs.4500/- only

Name of Work :- RRD on Nihri Balag road km 0/0 to 10/00 (SH:-Hiring of Tipper for carriage of different material in various km's

		1	
	work with lift to suitable place with in all leads and lifts to the entire satisfaction of the Engineer-in Charge. The Tipper should work minimum 9.00 AM to 5.00 PM daily any loss to the public/ of hiring period shall be absolute responsibility of the Tipper owner which shall have to be fully compensated by him in all cases the fuel and Tipper driver and lodging & boarding of operational staff will be provided by the Tipper owner the repair and spare including watch and ward of Tipper also borne by the contractor /owner. The daily log book will be maintained at site which should be dully verified by the Engineer-in charge.	Hiring of Tipper for carriage / disposal of Johnson	- Company of Rein
	50.00 Days		Qty.
-		in world	
Total:-		in figure	Rate
al:-	Per day		Unit
			Amount

Executive Engineer,
Sunder Nagar

Lipping Sunder Nagar

Estimated Cost Rs. 4,80,848/- only

Earnest Money Rs. 10000/- only

Time: One month.

Name of work: RRD on Samon to Tihri road km 0/0 to 8/870 (SH:- Removal of slips and various reaches in km 4/960 to 8/870)

	-	-		No.	Sr.	,
	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slops and disposal of cut material with in lift upto any metre and lead upto any metre as per technical specification 302.3.5 and 1611 as per direction of Engineer - in char ge including in all lead and lift and other incidental.	2			Description of items.	
	5342.75 cum	3			Otv.	
	cum					
		4	o	Figure		
		5		Words	Rates	
Total	Per cubic metre	6			Unit	
			7		Ашоши	Amount

Sunder Nagar Division, HPPWD Sunder Nagar.

Estimate Cost :Rs. 99,525/-only

Earnest Money: Rs.2,000/- only

Time : One Month

Name of work: Improvement of Blien curves on Slapper to Kandar road 0/00 to 4/500 (SH:- Improvement of curve at RD. 2/620 to 2/678)

T			S.N
	Excavation in soil in hill area in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper blasting work both in soft and hard rock with chiseling / wedging out side of rock (where blasting is prohibited) and their intermediate classification of soil including dewatering where required settingout to the required line grades, side slopes triming bottom and level as shown on drawings as directed by the Enginner in charge at site according to MORTH technical clause 1603.1 and 1603.2 sorting useful / un-useful materials and stacking the same in all leads and lifts and transportation of the useful materials for filling in roads ways, embankments for grades improvements and leveling to the require grade and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites through all modes of trasportation including head load animal load or machinaries, materials, tools equipments and sefety measures and incidentals necesary to complete the work by all means (if any required) recovary for usefull stone of 16.75cubic mete @ Rs. 300.00 per cubic mete amounting to Rs. 5025/- only shall be done on prorata basis for the quantity of cutting in earth work effected. Any loss to the public and private property during the course of excution shall be the absolute responsibility of the contrator, which shall have to be duly compensated by him in all respect including all leada and lifts and materials and as per direction of Enginer in charge.		S.N Sub Head and item of work
	488.13 cum		Quantity
		Figure	Rate in
		words	
Total	cubic metre		Unit
			Amount

Estimate Cost: Rs.1,66,310/- only Earnest Money: Rs 4,000/- only

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earthen shoulders and Construction of unlined surface drains at RD. 1/00 to 5/500) Name of Work :-RRD on Kalahoud Jhore via Patrahan road km 1/00 to 5/500 (SH:- Removal of slips, Maintenance Time: One month

S. No.		1 Removal of lar mechanical mea	material with i 302.3.5 and 161 and carriage of	2 Making up loss	equipment at 0 1903 as per di of materials ar	3 Construction of sam ( zero po	1	dimensions. ex	dimensions. ex any metre an 307. Manual	dimensions, excavany metre and le 307. Manual Me other incidentals
Sub Head and item of work		Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slops and disposal of cut	material with in any lift and lead upto 100 m as per technical specification 302.3.5 and 1611 as per direction of Engineer in charge with in all leads lifts and carriage of materials and other incidentals.	Making up loss of material/irregularities on shoulders to the design level by	adding rresh approved selected soil and compacting it with appropriate equipment at OMC upto a lead of any mtr as per technical specification Clause 1903 as per direction of Engineer in charge with in all leads lifts and carriage of materials and other incidentals.		Construction of unlined surface drains of average cross-sectional area 0.40 sqm ( zero point forty metre ) in soil to specified lines, grades, levels and	Construction of unlined surface drains of average cross-sectional area 0.40 sqm (zero point forty metre) in soil to specified lines, grades, levels and dimensions. excavated material to be used in embankment with a lift upto any metre and lead of any metere as per Technical Specification Clause	Construction of unlined surface drains of average cross-sectional area 0.40 sqm (zero point forty metre) in soil to specified lines, grades, levels and dimensions. excavated material to be used in embankment with a lift upto any metre and lead of any metere as per Technical Specification Clause 307. Manual Means within all leads, lifts and carriage of materials and	funlined surface drains of average cross-sectional area 0.40 nt forty metre ) in soil to specified lines, grades, levels and cavated material to be used in embankment with a lift upto 1 lead of any metere as per Technical Specification Clause Means within all leads, lifts and carriage of materials and als.
lyt.		260.00 cum		2030.00 Sqm			950.00 Rmt	950.00 Rmt	950.00 Rmt	950.00 Rmt
Rat	Figure									
Rate in	Word									
Unit		per cubic metre		per Square	metre		Per	Per Runing metre	Per Runing metre	Per Runing metre
Amount										

Executive Engineer, Sunder Magar Division, H.P.P.W.D. Sunder Nagar

Estimate Cost: Rs. 498560/- only Earnest Money: Rs 10000/- only

Time : one month

Name of Work :-Deposit Work Restoration of Dehar Triphalghat road Km 0/00 to 14/00 (SH:- Removal of Slips & C/o unlined surface Drain at various reaches)

					ω	7011112				1		No.	
	carriage of materials and other incidentals.	Technical Specification Clause 307. mech. means within all leads, lifts and	material to be used in embankment with a lift and lead any metre as per	square metre in soil to specified linus, grades, levels and dimensions. Excavated	Construction of unlined surface drains of average cross-sectional area any 0.40	י יייס בסבבי אינווווי מוו ובמעט , ווונט מווע במוומצב טו ווומנבוומוט מווע טנוובו וווכועבוועמט.	and 1611 within all loads life and carried of materials and other incidents.	cut material with in lift and lead any metre as per technical specification 302.3.5	mechnical means including cutting and trimming of slops and disposal of	Removal of land slide in hilly area in ordinary rock not requiring blasting by	•		Sub Head and item of work
					1000.00 Rmt					4984.00 cum			Qyt.
					Rmt					cum			
											Figure		Rate in
											Word		
Total			metre	running	Per				metre	Per cubic			Unit
								•		.,,			Amount

Sunder Nager Division, b. P.P.W.D. Sunder Nager

Estimate Cost :Rs. 1,54,108/-only Earnest Money: Rs.3,200/- only Time : One Month

0/400) Name of work :- C/o Link road between Koldam (right Bank) to Ropa - Ahan km 0/00 to 0/400 (SH: C/o U-shape drain at RD. 0/305 to

-	4 Pr th fo ar	3 Pr stitution in	2 Pr th ei al		S.N.S
	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering 1:2:4 (one Cement: two coarse sand): four graded stone aggregate 20 mm (twenty millimrte) nominal size) within a lead of any metre within all leads, lifts and carriage of materials and other incidentals.	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering 1:3:6 (one Cement: three coarse sand): six graded stone aggregate 20 mm (twenty millimrte) nominal size) within a lead of any metre within all leads, lifts and carriage of materials and other incidentals.	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering 1 1:4:8 (one Cement: four coarse sand: eight graded stone aggregate 40 mm(forty millimetre) nominal size) within all leads, lifts and carriage of materials and other incidentals.	Excavation in soil in hilly area by manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any metre and a lead upto any metre within all leads, lifts and carriage of materials and other incidentals.	S.N Sub Head and item of work
_	2.19 cum	17.10 cum	12.26 cum	49.02 cum	Quantity
-	в	3			Rate in Figure
					words
Total	per Cubic metre	per Cubic metre	per Cubic metre	per Cubic metre	Unit
-	i i	C			Amount

Name of work: -RRD on Sunder Nagar Circular Road KM 0/0 to 7/630 (SH:- Removal of slips, maintenance of earthen shoulder and clearance of unlined drain in various RD's )

Estimated cost Rs:-99930/- only Earnest money Rs:-2000/-Time:-Two Months

S.	Sub-Head and Item of work	Quantity	Rat	tes in	Unit	Amount.
No.			Figure Words		7	
1.	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slops and disposal of cut material with in lift upto 1.5 m and lead upto 1000 metre as per technical specification 302.3.5 and 1611. as per drawing and technical specifications within all leads, lifts and carriage of material and other incidentals.	210.00 Cum			Per Cum	
2.	Making up loss of material/irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC upto a lead of 1000 m as per technical specification clause 1903. as per drawing and technical specifications within all leads, lifts and carriage of material and other incidentals.	1590.00 Sqm			Per Sqm	
3.	The maintenance of drains include erosion, repair. Clearing, cleaning, reshaping, regarding, deepening of side drains as well as catch water drains as per technical specification Clause 1907. as per drawing and technical specifications within all leads, lifts and carriage of material and other incidentals.	Pmt			Per Rmt.	
					TOTAL:	

Executive Engineer, Sunder Nagar Division, HPPWD Sunder Nagar.

Estimate Cost: Rs. 4,99,036/- only Earnest Money: Rs10,000 /- only Time: Three months

Name of Work:- RRD on Jachh Pressi Pangna road km 0/0 to 20/00 [SH:- C/O R/wall at RD. 9/718.50 10.9]

	Sub Head and item of work	Qyt	. 1	R	ate in	Unit	Amount
S. No.	Sub Head and Item of Work	0		Figure	Word		
	Stone masonry in cement mortar for foundation complete as per drawing and technical specification clause 702, 704,1202 and 1204 (Random rubble masonry in cement mortar . 1:6 (one cement : six sand) within all leads, lifts and carriage of materials and other incidentals.		cum			per Cubic metre	
2	Providing weep hole in brick masonry / stone masonry /plain reinforced concrete abutment wing wall return wall with 100 mm (one hundred millimetre) dia PVC pipe extended through the full width of the structures with slope of 1 (v):20 (H) towards drawing face complete as per drawing and technical specification clause 614,709& 1204.3.7 within all leads, lifts and carriage of materials and other incidentals.		Nos			Each	
3	Back filling with stone behind abutment, wing wall and return wall complete as per drawing and technical specification clause 1204.3.8 stone/ granular material within all leads, lifts and carriage of materials and other incidentals.	14.15	cum			Each	
		1				Total	

Executive Engineer, Sunder Nagar Division, H;P.P.W.D. Sunder Nagar

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Estimate Cost: Rs. 4,89,156/- only
Earnest Money: Rs 10,000/- only
Time: Two months

6

Name of Work: C/O Guest house in the permisses of Govt. Polytechnic collage at Sundernagar Distt Mandi (H.P) (SH:- P/F HPL Wall cladding in outer side of building) (Tob-II)

	1 0	5 .	0	Outer
	Providing and fixing in wall lining with f-quality exterior grade high-pressure laminates (hpl) panels of standard size with both side décor. oreo/ abet lamanatti/poly grey cladage as per en 438-7, type EDF manufactured using patented technology (NT), panels are double hardened including acrylic polyurethane resin which is thermally cured under high pressure & high temperature.should be termite free, water resistant in approved wooden shade with necessary fixing arrangement and screws etc. complete: 6mm (six millimetre) thick including carriage of materials with in all leads, lifts and other incidentals as per direction of Engineer - in - charge.	and thean drin treat of work		Outer sine of Darining Hop-III
	81.76 sqm		Qyt.	
		Figure		
	· ·	Word	Rate in	
Total	Per square metre		Unit	
			Amount	

Executive Engineer, Sunder Nagar Division, SuppwD Sunder Nagar

Estimated Cost Rs. 4,79,997/- only Earnest Money Rs. 10,000/- only Time:- Three month.

metal beam Crash barrier at RD 7/760 to 7/820) Name of work: Improvement of (BLACK SPOT) Sundernagar Batwara road Soul Pul to Dhawal km 0/00 to 31/00 (SH:- Providing and fixing 'W'

Γ		4		u		٥		1	1	No.	ST
	millimetre ) thick corrugated sheet metal beam rail, 70 cm (seven centimetre ) above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm (spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm(one hundred fifty into seventy five into five millimetre), 330 mm (three hundred thirty millimetre) long complete as per clause 811 including carriage of materials with in all leads, lifts and other incidentals.	Providing and erecting a "W" metal beam crash harrier comprising of 3 mm ( three	mm (twenty millimetre) nominal size)nominal mix in foundation with crushed stone aggregate 20 aggregate 40 mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days.including carriage of materials with in all leads, lifts and other incidentals.	Plain rement concrete 1.2.6 Concrete 1.	aggregate 20 mm (twenty millimetre) nominal size) in Open Foundation complete as per Drawing and Technical Specifications.PCC Grade M20 using batching plant transit mixer & manual placing including carriage of materials with in all leads, lifts and other incidentals.	to the extent required and utilising the remaining earth locally for road work including carriage of materials with in all leads, lifts and other incidentals.	specification, including setting out, construction of shoring and bracing, removal of stumps	Earth work in excavation of foundation of the control of the contr		Description of items.	
-	60.00 Rmt		48.83 cum		4.13 cum		24.43 cum	ω	У	Quantit	
-	2	1	8		В			4	Figure	-	
		-						_	ure	Rates	
								S	Words	es	
Total	Per Running Metre		Per Cubic Metre	-	Per Cubic Metre	Metre	Per Cubic	6		Unit	
								7		Amount	



Estimate Cost: Rs. 492900/- only Earnest Money: Rs 10000/- only

Name of Work :- Restoration of rain Damageson shimla Mandi Road Km 135/00 to 146/00 & on Pandar Tattapani road Km 00/00 to 32/00 (SH:- Removal of Slips , C/o unlined surface Drain and manitance of earthen shoulders at various reaches )

Γ		ω		2			1		No.
	adding fresh approved selected soil and compacting it with appropriate equipment at OMC upto a lead any metre as per technical specification Clause 1903 within all leads, lifts and carriage of materials and other incidentals	Making up loss of material/irregularities on shoulders to the	Excavated material to specified lines, grades, levels and dimensions.  Excavated material to be used in embankment with a lift and lead any metre as per Technical Specification Clause 307. mech. means within all leads, lifts and carriage of materials and other incidentals.	Construction of unlined surface drains of average cross-sectional area any 0.40	material with in lift and lead any metre as per technical specification 302.3.5 and 1611. within all leads, lifts and carriage of materials and other incidentals.	mechnical means including cutting and trimming of slope and disposal of such	Removal of land slide in hilly area in ordinary rock		Ovt. Rate in
	1700.00 Sqm			2500 00 Bm+	·	3200.00 cum			Ovt.
П	Sqm		ļ	D <sub>M</sub> +		cum			
			, a				Figure	11000	Rate in
			9				Word		
Total	-at		running metre		metre	Per cubic		Unit	
					#2	0		Amount	

Sunder Nagar Division, H.P.P.W.D. Sunder Nagar meer,

Estimate Cost: Rs. 136500/- only Earnest Money: Rs 3000/- only

Name of Work :- Restoration of rain Damageson on jach Pressi Pangana road Km 0/00 to 20/00 (SH:- Removal of Slips & C/o unlined surface

	ω	Ъ	No.
	Construction of unlined surface drains of average cross-sectional area any 0.40 square metre in soil to specified lines, grades, levels and dimensions. Excavated material to be used in embankment with a lift and lead any metre as per Technical Specification Clause 307. mech. means within all leads, lifts and carriage of materials and other incidentals.	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechnical means including cutting and trimming of slops and disposal of cut material with in lift and lead any metre as per technical specification 302.3.5 and 1611. within all leads, lifts and carriage of materials and other incidentals.	and item of work
	750.00 Rmt	1100.00 cum	Qyt.
Н	0 Rmt	cum	
		Figure	Rate in
		Word	
Total			Unit
+			Amount

H.P.P.W.D. Sunder Nagar. Sunder Nagar Division, Executive Engineer,

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