

## HPPWD TENDER

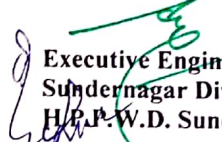
Sealed item rate tenders are hereby invited by the Executive Engineer, Sundernagar Division, H.P.P.W.D. Sundernagar on behalf of Governor of H.P. for the below noted works from eligible contractors registered in HPPWD in appropriate class so as to reach in this office on or before **21.10.2022** upto 11.00 AM and the same will be opened on 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 **20.10.2022**.

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.

Sr. No.	Name of work	Estimated cost (Rs.)	Earnest Money	Tender Cost	Time
1	Improvement of black spot on Dhawal Batwaravia Sanihan road Km 0/0 to 9/0 (SH: Prov. an dfixing "W" metal beam crash barrier at RD 8/600 to 8/680)	499232	10000	350	Three Month
2	RRD on Banglaoo Luhanoo road KM 0/0 to 17/600 (SH: C/o B/wall at RD 1/730 to 1/745)	278543	6000	350	Two Month
3	C/o Ambulance road from Sanihan to Ladha KM 0/0 to 0/600 (SH: C/o 2.75 /5.00 mtr wide formation cutting at RD 0/0 to 0/060)	98987	2000	350	Two Month
4	C/o Bhadrolu to Dharli via Kandha Hiun Nihari Kharni Basahu road Km 0/0 to 13/950 under NABARD, Imp. and M/T on Chowki Segal road KM 6/500 to 14/0, M/T on Bhawana Maloh road KM 0/0 to 5/0, C/o 30 mtr effective span steel truss foot bridge ove rSehli Khad in G.P. Baila, C/o GPS Badehach in Tehsil Nihri, C/o GSSS Paurakothi , C/o Balance work of Govt. Sen. Sec. School building at Batwara, C/o Ayurvedic Health Centre building at Karla Tehsil Nihri, C/o J.E. Residence at Sojha Behli Tehsil Nihri, C/o Additional accommodation for Govt. Sen. Sec. School at Behli- Preparation of estimates thereof.	498000	10000	350	Three Month
5	Improvemtn of black spot Khurahal to Kanda road KM 0/0 to 4/500 (SH: Prov. and fixing "W" metal beamc rash barrier at RD 2/350 to 2/450).	498343	10000	350	Three Month
6	C/o Approach road to staff quarters & Hostels in Govt. Polytechnic College Sundernagar (SH: P/L RCC pavement road to quarters on road parts (1) & (2). Deposit work	484670	10000	350	Two Month
7	Improvement of black spot on Slapper Serikothi road KM 0/0to 15/500 (SH: Prov.and fixing "W" metal beam crash berrier at RD 10/900 to 11/0)	498852	10000	350	Three Month
8	RRD on Jachh Pressi Pangna road KM 0/0 to 20/0 (SH: C/o R/wall at RD 19/735 to 19/751)	267125	6000	350	Two Month
9	Improvement of black spot on Slapper to Serikothi road KM 0/0t o 15/500 (SH: Prov. and fixing "W" metal beam crash barrier at RD 11/150 to 11/250)	498996	10000	350	Three Month
10	RRD on Pandar Tattapani road KM 0/0 to 32/0 (SH: Removal of landslide, surface drain and maintenance eof earth on shoulder in KM 12/0 to 18/0)	286300	6000	350	One Month
11	C/o Ambulance road from Sanihan to Ladha KM 0/0 to 0/600 (SH: C/o 2.75 /5.00 mtr wide formation cutting at RD 0/060 to 0/125)	99368	2000	350	Two Month
12	Improvement of black spot on Slapper to Serikothi road KM 0/0 t o 15/500 (SH: Prov. and fixing "W" metal beam crash barrier at RD 6/700 to 6/800)	499713	10000	350	Three Month
13	C/o Panjaryala Fagla Dhar road Km 0/0 to 3/0 (SH: Prov. and laying WBM G-I at Km 1/00 to 1/450) under SCSP.	499238	10000	350	Three Month

14	Improvement of black spot on Slapper to Serikothi road KM 0/0 to 15/500 (SH: Prov. and fixing "W" metal beam crash barrier at RD 5/500 to 5/600)	499305	10000	350	Three Month
15	RRD on link road to Draura Mata Mandir KM 0/0 to 1/500 (SH: Removal of slips, maintenance of earthen shouyllder and clearance of unlined drain in various RDs).	108870	2200	350	Two Month
16	Improvement of black post on Slapper Serikothi road KM 0/0 to 15/500 (SH: Prov. and fixing "W" metal beam crash barrier at RD 7/800 to 7/900)	498463	10000	350	Two Month
17	Improvement of black post on Slapper Serikothi road KM 0/0 to 15/500 (SH: Prov. and fixing "W" metal beam crash barrier at RD 6/200 to 6/300)	498320	10000	350	Three Month
18	A/R & M/O Salwana to Chah K a Dohra road Km 0/0 to 3/0 (SH: Removal of slips in various RD in KM 0/0 to 0/900)	112500	2500	350	One Month
19	Improvement of black spot Khurahal to Kandar road KM 0/0 to 4/500 (SH: Prov. and fixing "W" metal bema crash barrier at RD 1/684 to 1/774)	499146	10000	350	Three 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.P.W.D. Sundernagar.

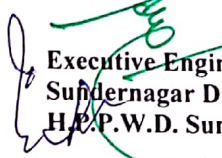
No: - PW/SNR-E-Tender/Giriraj/2022-

15263-80

Dated: 12 .10.2022

Copy forwarded to the following for information and publicity:

1. 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) [eeict-pwd-shi@hp.gov.in](mailto:eeict-pwd-shi@hp.gov.in) for uploading the NIT on departmental website please.
3. All the Assistant Engineers working under this Division.
4. Various Contractors working under Sundernagar Division.
5. Notice Board.

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



# SCHEDULE OF QUANTITIES

Name of work :- Improvement of (Black spot) on Dhawal Batwara via Santhan road km 0/00 to 9/00 (SH- Providing and fixing 'W' metal beam Crash barrier at RD. 8/600 to 8/680)

Estimated Cost Rs. 4,99,232/- only  
Earnest Money Rs. 10,000/- only  
Time :- Three months.

Sr. No.	Description of items.	Quantity	Rates		Unit	Amount
			Figure	Words		
1	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.	29.15 cum			Per Cubic Metre	
2	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.	9.13 cum			Per Cubic Metre	
3	Plain cement concrete 1:3:6 (one cement : three coarse sand :six graded stone aggregate 20 mm ( twenty millimetre ) nominal size)nominal mix in foundation with crushed stone 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.	30.03 cum			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 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.	80.00 Rmt			Per Running Metre	
					Total	

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

DN17 A10 712 4,000 100000

# SCHEDULE OF QUANTITY

Estimate Cost: Rs. 2,78,543/- only  
 Earnest Money: Rs6,000/- only  
 Time : Three month

Name of Work :- RRD on Bangalu Luhnoo road km 0/0 to 17/600 (SH:- C/o B/ wall at RD. 1/730 to 1/745)

S. No.	Sub Head and item of work	Qty	Rate in		Unit	Amount
			Figure	Word		
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 within all leads , lifts and carriage of materials and other incidentals .	22.95 cum			Per Cubic metre	
2	Providing and Laying concrete for plain/reinforced concrete P.C.C. nominal mix 1:5:10 (one cement : five sand ten graded crashed stone aggregate) 40mm (fortymillimetre) 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 .	62.25 cum			Per Cubic metre	
3	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 .	45.00 Nos			Each	
					Total	

  
**Executive Engineer,**  
**Sunder Nagar Division,**  
**HPPWD Sunder Nagar**



# SCHEDULE OF QUANTITY

Estimate Cost :Rs. 98,987/-only  
Earnest Money: Rs.2,000/- only

Time : One Month

Name of work :- C/o Ambulance road from Sanihan to Ladha km 0/00 to 0/600 (SH:- 2.75/5.00 mtr. Wide formation cutting at Rd 0/00 to /060 )

S.N	Sub Head and item of work	Quantity	Rate in		Unit	Amount
			Figure	words		
1	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 setting out to the required line grades, side slopes trimming bottom and level as shown on drawings as directed by the Engineer-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 machanical means alongwith its leveling fine dressing and all labour, machinaries, materials, tools equipments and safety measures and incidentals necesary to complete the work by all means (if any required) recovery for usefull stone of <b>55.70cubic mete @ Rs. 300.00 per cubic mete amounting to Rs. 16,710/-</b> 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 Engineer in charge .	300.75 cum			Per cubic metre	
					Total	

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

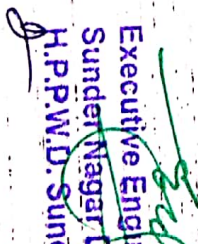
# SCHEDULE OF QUANTITIES

Estimated Cost: 4,98,000/-  
Earnings Money: 10,000/-  
Time: Two months

Name of work:- Construction of Bhadrulu to Dhari via Kandha-Hium-Nihari Kharni-Bashau road km. 0/0 to 13/950 Under NABARD Distt. Mandi(H.P.), Improvement and Metalling Tarring on Chowki Segal Road Km 6/500 to 14/000, M/T on Bhawana Maloh Road Km 0/000 to 5/000, C/o 30 mtr Effective span steel truss Foot and Bridgr over Sehli Khad in Gram Panchayat Baila, C/o Badehach school building in Tehsil Sundernagar Distt. Mandi, C/o School building of G.S.S Pura Kothi (under RMSA) Distt. Mandi, C/o Balance work of Govt. Sen. Sec. School Building at Batwara Tehsil Sundernagar Distt. Mandi, C/o Ayurvedic Health Centre Building at Karla Tehsil Nihri Distt. Mandi. (H.P.), C/o J.E. residence at Sojha Behli Tehsil Nihri Distt. Mandi (H.P.), C/o Additional Accommodation for Govt. Sen. Secondary school building at Behli in Tehsil Sunder Nagar Distt. Mandi (H.P) Under RMSA

SH :- Preparation of estimate for (Technical section of Road, Balance work of building portion) and Counter site plan for architect drawings

Sr.No.	Description	Qty.	Rate		Unit	Amount
			In figure	In words		
1	Job work for preparation of detailed estimate for Technical section of Roads, Balance work of Building Portion and and Counter site plan for architect drawings. The job work also include supplying detail estimate based on HPSR 2020 with presently market rates duly supported with analysis of rate for schedule item and market rate for non schedule items. The job work shall include supplying and approval of estimate in quadruplicate as per direction of engineer in charge.	1			Per Job	
	TOTAL					

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



# SCHEDULE OF QUANTITY

Estimated Cost Rs. 4,98,343/- 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 2/350 to 2/450)

Sr. No.	Description of Items.	Quantity	Rates		Unit	Amount
			Figure	4		
1	2	3	4		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.	18.01 cum			Per Cubic Metre	
2	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.	11.36 cum			Per Cubic Metre	
3	Plain cement concrete 1:3:6 (one cement : three coarse sand : six graded stone aggregate 20 mm ( twenty millimetre ) nominal size) nominal mix in foundation with crushed stone 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.	11.49 cum			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 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 fittings 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 ( with welding) including carriage of materials with in all leads, lifts and other incidentals.	100.00 Rmt			Per Running Metre	
					Total	


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

# SCHEDULE OF QUANTITY

Estimate Cost: Rs. 4,84,670/- only  
Earnest Money: Rs 10,000/- only  
Time : Three months  
(SH:- P/L RCC pavement

Name of Work :- C/o Approach roads to staff quarters & Hostels in Govt. Polytechnic college Sundernagar  
road to quarters on road Parts (1) & (2). Deposit work

S. No.	Sub Head and item of work	Qty.	Rate in		Unit	Amount
			Figure	Word		
1	Plain Cement Concrete M10 in 1:3:6 (one Cement : three coarse sand) : six graded stone aggregate 20 mm ( twenty millimetre ) nominal size) nominal mix) in levelling course below open foundation of Head walls as per drawings & Technical Specification Clause 802,803,1202& 1203 within a lead of any metre within all leads , lifts and carriage of materials and other incidentals .	18.00 cum			Per Cubic metre	
2	Providing and laying design mix cement concrete of M- 30 grade, in roads/ taxi tracks/ runways, using cement content as per design mix, using coarse sand and graded stone aggregate of 40 mm nominal size in appropriate proportions as per approved & specified design criteria, providing dowel bars with sleeve/ tie bars wherever required, laying at site, spreading and compacting mechanically by using needle and surface vibrators, levelling to required slope/ camber, finishing with required texture, including steel form work with sturdy M.S. channel sections, curing, making provision for contraction/ expansion, construction & longitudinal joints (10 mm wide x 50 mm deep) by groove cutting machine, providing and filling joints with approved joint filler and sealants, complete all as per direction of Engineer-in-charge (Item of joint fillers, sealants, dowel bars with sleeve/ tie bars to be paid separately). Note:- Cement content considered in M-30 is @ 340 kg/cum. Excess/ less cement used as per design mix is payable/ recoverable separately Cement concrete prepared with batch mixing machine within a lead of any metre within all leads , lifts and carriage of materials and other incidentals.	36.08 cum			Per Cubic metre	
3	HYSD bar reinforcement (Fe 415) in substructure complete as per drawings and technical specification Clauses 1002, 1005, 1010 & 1202 within a lead of any metre within all leads , lifts and carriage of materials and other incidentals .	6.23 Qt.			Per quantal	
					Total	

  
Executive Engineer,  
Sunder Nagar Division,  
HPPWD Sunder Nagar.




# SCHEDULE OF QUANTITY

Estimated Cost Rs. 4,98,852/- only  
Earnest Money Rs. 10,000/- only  
Time :- Three month.

Name of work :- Improvement of (BLACK SPOT) Slapper to Serikothi road km 0/00 to 15/500 (SH:- Providing and fixing "W" metal beam Crash barrier at RD 10/900 to 11/000)

Sr. No.	Description of items.	Quantity	Rates		Unit	Amount
			Y	Figure		
1	2	3		4	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.	14.11 cum			Per Cubic Metre	
2	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.	11.36 cum			Per Cubic Metre	
3	Plain cement concrete 1:3:6 (one cement : three coarse sand : six graded stone aggregate 20 mm ( twenty millimetre ) nominal size)nominal mix in foundation with crushed stone 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.	11.82 cum			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 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.	100.00 Rmt			Per Running Metre	
					Total	

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

# SCHEDULE OF QUANTITY

Name of Work :- RRD on Jachh Pressi Pangna road km 0/0 to 20/00 (SH:- C/O R/wall at RD. 19/735 to 19/751)

Estimate Cost: Rs. 2,67,125/- only  
Earnest Money: Rs 6,000 /- only  
Time : Three months

S. No.	Sub Head and item of work	Qty.	Rate in		Unit	Amount
			Figure	Word		
1	Earth work in excavation all kinds of soil by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding any metre in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto any metre, including getting out the excavated soil and disposal of surplus excavated soil within all leads, lifts and carriage of materials and other incidentals..	39.28 cum			Per Cubic metre	
2	Providing and laying cement concrete 1:6:12 (one cement : six sand twelve graded crashed stone aggregate 40mm (forty millimeter) size for plain / reinforced concrete in open foundation complete as per drawings and technical specification clause 802,803,1202 & 1203 M10 within all leads, lifts and carriage of materials and other incidentals.	6.88 cum			per Cubic metre	
3	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 .	23.25 cum			per Cubic metre	
4	Providing and Laying concrete 1:4:8 (one cement : four sand : eight graded crushed stone aggregate 40mm (forty millimeter) nominal size for plain/reinforced concrete 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.	2.88 cum			per Cubic metre	
5	Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etc. for sub-structure and super structure complete as per drawing and technical specification clauses 704.6 & 1302.5 within all leads , lifts and carriage of materials and other incidentals	34.53 cum			per Cubic metre	
6	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.	9.12 cum			Each	
					Total	

*[Signature]*  
Executive Engineer,  
Sunder Nagar Division,  
H.P.W.D. Sunder Nagar



# SCHEDULE OF QUANTITY

22-23.

Name of work :- Improvement of ( BLACK SPOT ) Slapper to Serikothi road km 0/00 to 15/500 (SH- Providing and fixing 'W' metal beam Crash barrier at RD 11/150 to 11/250)

Estimated Cost Rs. 4,98,996/- only  
Earnest Money Rs. 10,000/- only  
Time :- Three month.

Sr. No.	Description of items.	Quantit y	Rates		Unit	Amount
			Figure			
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.	3	14.66	cum	Per Cubic Metre	7
2	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.	11.36	cum	Per Cubic Metre		
3	Plain cement concrete 1:3:6 (one cement : three coarse sand : six graded stone aggregate 20 mm ( twenty millimetre ) nominal size)nominal mix in foundation with crushed stone 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.	11.82	cum	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 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.	100.00	Rmt	Per Running Metre		
					Total	

*[Signature]*  
Executive Engineer,  
Sunder Nagar Division,  
H.P.V/D. Sunder Nagar.

Name of work:- RRD on Pandar Tattapani road km 0/0 to 32/0 (SH:- Removal of landslides, surface drain and maintenance of earth on shoulder in km 12/0 to 18/0)

# SCHEDULE OF QUANTITY

Description of item	Qty.	Rate	Unit	Amount
1 Removal of land slide in hilly area in ordinary rock not required blasting by mechanical means including cutting and terming of slope and disposal of cut material with in any lift and lead any mtrs as per technical specification 302.3.5 and 1611 as per direction of Engineer in charge with in all lead lifts and carriage of material and other incidentals	970.00		CUM	
2 Making up loss of material / irregularities shoulder to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC up to 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 material and other incidentals	3500.00		SQM	
3 Construction of unlined surface drain of average cross sectional area 0.40 sqm in soil to specified clause 307 mechanical manual means as per direction of Engineer in charge with in all lifts and carriage of material and other incidentals	700.00		RMT	
			total	

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



# SCHEDULE OF QUANTITY

Estimate Cost: Rs. 99,368/- only  
Earnest Money: Rs. 2,000/- only

Time : One Month

Name of work :- C/o Ambulance road from Sanhan to Ladha km 0/0 to 0/600 (SH:- 2.75 /5.00 mtr. Wide Formation cutting at RD. 0/060 to 0/125)

S.N	Sub Head and item of work	Quantity	Rate in	Unit	Amount
		Figure	words		
1	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 setting out to the required line grades, side slopes trimming bottom and level as shown on drawings as directed by the Engineer-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 machanical means alongwith its leveling fine dressing and all labour, machinaries, materials, tools equipments and sefety measures and incidentals necessary to complete the work by all means (if any required) recovery for usefull stone of <b>55.80cubic mete @ Rs. 300.00 per cubic mete amounting to Rs. 16740/-</b> 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 contractor, which shall have to be duly compensated by him in all respect including all leada and lifts and materials and as per direction of Engineer in charge.	302.13	cum	Per cubic metre	
Total					

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

# SCHEDULE OF QUANTITY

Name of work :- Improvement of ( BLACK SPOT ) Slapper to Serikothli road km 0/00 to 15/500 ( SH:- Providing and fixing "W" metal beam Crash barrier at RD 6/700 to 6/800)

Estimated Cost Rs. 4,99,713/- only  
Earnest Money Rs. 10,000/- only  
Time :- Three month.

Sr. No.	Description of items.	Quantit y	Rates		Unit	Amount
			Figure	4		
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.	17.41 cum			Per Cubic Metre	7
2	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.	11.36 cum			Per Cubic Metre	
3	Plain cement concrete 1:3:6 (one cement : three coarse sand : six graded stone aggregate 20 mm ( twenty millimetre ) nominal size) nominal mix in foundation with crushed stone 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.	11.82 cum			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 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 fittings 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.	100.00 Rmt			Per Running Metre	
					Total	

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



# SCHEDULE OF QUANTITY

Estimated cost Rs. 4,99,238/- only

Earnest Money Rs. 10,000/- Only

Time : Three Month

**Name of work :-** C/o Panjryala to Fagla Dhar road km 0/00 to 3/00 (SH:- Providing and laying WBM (G-1) at km 1/000 to 1/450) under SCDP

S.No.	Description of items	Quantity	Rate		Unit	Amount
			in figure	in word		
1	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth with lead upto 50 metres including all leads, lifts of material and other incidentals.	1559.25 sqm			Per Square metre	
2	Providing, Laying, spreading and compacting stone aggregates of specific sizes 90 to 45 mm (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 <b>Grading -1</b> as per Technical specification Clause 405 (By manual means) including all leads, lifts of material and other incidentals.	155.93 cum			Per cubic metre	
					<b>Total</b>	

Executive Engineer,  
Sunder Nagar Division,  
HPPWD Sunder Nagar

# SCHEDULE OF QUANTITY

Name of work :- Improvement of ( BLACK SPOT ) Slapper to Serikoth road km 0/00 to 15/500 (SH:- Providing and fixing 'W' metal beam Crash barrier at RD 5/500 to 5/600)

Estimated Cost Rs. 4,99,305/- only  
Earnest Money Rs. 10,000/- only

Time :- Three month.

Sr. No.	Description of items.	Quantity	Rates		Unit	Amount
			Figure			
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.	16.20 cum	3	4	Per Cubic Metre	7
2	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.	11.36 cum			Per Cubic Metre	
3	Plain cement concrete 1:3:6 (one cement : three coarse sand : six graded stone aggregate 20 mm ( twenty millimetre ) nominal size) nominal mix in foundation with crushed stone 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.	11.80 cum			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 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 fittings 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 ( with welding) including carriage of materials with in all leads, lifts and other incidentals.	100.00 Rmt			Per Running Metre	
	Total					

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




# SCHEDULE OF QUANTITY

Name of work: -RRD on Link Road to Darauda Mata Mandir km 0/0 to 1/500.  
(SH:- Removal of slips, maintenance of earthen shoulder and clearance of unlined drain in various RD's)

Estimated cost Rs:-108870/- only  
Earnest money Rs:-2200/-  
Time:-Two month

S. No.	Sub-Head and Item of work	Quantity	Rates in		Unit	Amount.
			Figure	Words		
1.	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut 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.	482.00 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.	1400.00 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.	1000.00 Rmt.			Per Rmt.	
					TOTAL :	

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

# SCHEDULE OF QUANTITY

Estimated Cost Rs. 4,98,463/- Only  
Earnest Money Rs. 10,000/- only

Time :- Three month.

Name of work :- Improvement of ( BLACK SPOT ) Slapper to Serikothi road km 0/00 to 15/500 (SH:- Providing and fixing 'W' metal beam Crash barrier at RD 7/800 to 7/900)

Sr. No.	Description of items.	Quantity	Rates		Unit	Amount
			Figure	4		
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.	17.41 cum			Per Cubic Metre	7
2	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.	11.36 cum			Per Cubic Metre	
3	Plain cement concrete 1:3:6 (one cement : three coarse sand :six graded stone aggregate 20 mm ( twenty millimetre ) nominal size)nominal mix in foundation with crushed stone 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.	11.55 cum			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 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 fittings 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.	100.00 Rmt			Per Running Metre	
					Total	

Executive Engineer,  
Superintending Division,  
M.S.R.O. Sunder Nagar

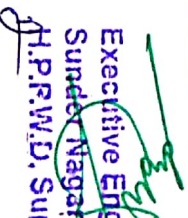


# SCHEDULE OF QUANTITY

Estimated Cost Rs. 4,98,320/- only  
Earnest Money Rs.10,000/- only  
Time :- Three month.

Name of work :- Improvement of ( BLACK SPOT ) Slapper to Serikothi road km 0/00 to 15/00 (SH- Providing and fixing 'W' metal beam Crash barrier at RD 6/200 to 6/300)

Sr. No.	Description of items.	Quantity	Rates		Unit	Amount
			in Figure	in words		
1	2	3	4		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.	16.86 cum			Per Cubic Metre	
2	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.	11.36 cum			Per Cubic Metre	
3	Plain cement concrete 1:3:6 (One cement : three coarse sand :six graded stone aggregate 20 mm ( twenty millimetre ) nominal size)nominal mix in foundation with crushed stone 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.	11.55 cum			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 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 fittings 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 ( with welding) including carriage of materials with in all leads, lifts and other incidentals.	100.00 Rmt			Per Running Metre	
					Total	

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


### SCHEDULE OF QUANTITY

Name of work: -A/R & M/O Salwana to Chah-ka-Dohra Km 0/0 to 8/0

(SH:- Removal of slips in various RD's at KM 0/0 to 0/900)

Estimated cost Rs:-112500/- only  
Earnest Money:- 2300/-  
Time:- Two months

S. No.	Sub-Head and Item of work	Quantity	Rates in		Unit	Amount.
			Figure	Words		
1.	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of stops 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.	1250.00			Cum	
TOTAL =						

  
Executive Engineer,  
Sundernagar Division,  
HP.PWD-Sunder Nagar.



# SCHEDULE OF QUANTITY

Estimated Cost Rs. 4,99,146/- only  
Earnest Money Rs. 10,000/- only  
Time :- Three month.

Name of work :- Improvement of (BLACK SPOT) Khurahal to Kandara road km 0/00 to 4/500 (SH:- Providing and fixing 'W' metal beam Crash barrier at RD 1/684 to 1/774)

Sr. No.	Description of items.	Quantity	Rates		Unit	Amount
			in Figure	in words		
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.	22.35 cum	4		Per Cubic Metre	7
2	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.	10.25 cum			Per Cubic Metre	
3	Plain cement concrete 1:3:6 (one cement : three coarse sand :six graded stone aggregate 20 mm ( twenty millimetre ) nominal size)nominal mix in foundation with crushed stone 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.	20.90 cum			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 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 fittings 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 ( with welding) including carriage of materials with in all leads, lifts and other incidentals.	90.00 Rmt			Per Running Metre	
					Total	

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