

HPPWD TENDER

Sealed item rate tender on form 6 & 8 are hereby invited by the Executive Engineer, Sundernagar Division, HPPWD Sundernagar on behalf of Governor of HP for the following works from the approved and eligible Contractors so as to reach in this office on or before **21.06.2023** up to **11:00 AM** and will be opened on the same day at 11:30 AM in the presence of the intending contractors or their authorized representatives, if any. The applications shall be received on **19.06.2023** upto 12:00 Noon and tenders form will be issued on **20.06.2023** against cash payment (Non refundable).

The earnest money in the shape of National Saving Certificate/ Time Deposit Account / Saving Account in any of the Post Office and Bank in H.P. duly pledged in favour of Executive Engineer, Sundernagar Division, HPPWD Sundernagar must be accompanied with application. Conditional tenders and the tenders received without earnest money will summarily be rejected. The Executive Engineer reserves the right to reject the tender without assigning any reasons.

Sr. No.	Name of work	Estimated cost (Rs.)	Earnest Money (Rs.)	Time	Appropriate class of contractor	Tender Cost
1	C/o link road between koldam (Right Bank) to Ropa Ahan road KM 0/0 to 0/400 Distt. Mandi HP (SH: C/o R/wall and providing and fixing "W" metal beam at RD 0/068 to 0/078) NTPC Deposit.	3,00,375/-	6,000/-	Two Month	Class - D	350/-
2	RRD on Karangal to Kinder road KM 0/0 to 15/0 (SH: Hiring of JCB for removal of slips and road side debris)	1,55,700/-	3,300/-	Two Month	Class-D	350/-
3	A/R & M/O to Old NH-21 Chandigarh Mandi Manali road KM 173/900 to 178/330 (SH: C/o half cut pipe drain, footpath and grating at RD 174/800 to 174/860 near Lalit Chowk).	4,56,989/-	9,200/-	Two Month	Class-D	350/-
4	Improvement and widening of link road from Togradhar KM 0/0 to 3/0 (SH: ROFD in Km 0/045 to 0/315).	4,94,677/-	10,000/-	Two Month	Class-D	350
5	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).	1,76,550/-	3,600/-	Two Month	Class-D	350/-
6	RRD on Link road Baroti to Kataihan KM 0/0 to 2/0 (SH: Protection work for RCC slab culvert at RD 0/300)	2,08,755/-	4,500/-	Two Month	Class-D	350/-
7	RRD on Saroni Tali road KM 0/0 to 5/300 (SH: Hiring of JCB for removal of slips and road side debris in KM 3/0 to 5/300).	1,64,780/-	3,300/-	Two Month	Class-D	350/-
8	A/R & M/O on Chanol Samon road KM 0/0 to 8/300 (SH: C/o R/wall at RD 2/270 to 2/282)	2,50,662/-	5,000/-	Two Month	Class - D	350/-
9	Construction of Car Parking near Lalit Chowk at Sundernagar, Distt. Mandi (HP) (SH: C/o Railing & Gate etc.) Balance work.	4,96,946/-	10,000/-	Two Month	Class - D	350/-
10	RRD on various roads under Nihri Sub Division in Rohanda Section (SH: Hiring of JCB for removal of slips)	1,97,950/-	4,000/-	Two Month	Class-D	350/-
11	Special repair to Old Horticulture Building at Sundernagar (SH: Providing and fixing floor tiles etc.)	3,62,430/-	7,500/-	Three Month	Class-D	350/-
12	RRD on Saroni Tali road KM 0/0 to 5/300 (SH: Hiring of Tipper for carriage of different material in KM 3/0 to 5/300)	1,37,250/-	3,000/-	Two Month	Class-D	350/-

13	RRD on Slapper to Serikothi road Km 0/0 to 15/0 (SH: C/o R/wall at RD 16/370 to 16/382)	3,04,859/-	6,500/-	Three Month	Class-D	350/-
14	RRD on various roads under PIU Sub Division HPPWD Dehar (Dehar Section) (SH: Hiring of JCB for removal of slips and road side debris in various RDs).	1,81,900/-	3,800/-	Two Month	Class-D	350/-
15	RRD on Sundernagar Circular road KM 0/0 to 7/630 (SH: Hiring of Tipper for carriage of different materials at various KMs).	1,37,250/-	2,800/-	Two Month	Class-D	350/-
16	C/o Paurakothi to Kamand via Kaloun road KM 0/0 to 5/00 (SH: ROFD in KM 1/150 to 1/405)	4,10,641/-	8,500/-	Three Month	Class-D	350/-
17	RRD on various roads under PIU Sub Division HPPWD Dehar (Dhawal Section) (SH: Hiring Tipper for carriage of different material)	1,67,750/-	3,500/-	Two Month	Class-D	350/-
18	A/R & M/O Sundernagar Circular road KM 0/0 to 7/630 (SH: C/o half cut pipe drain and steel grating at RD 7/390 to 7/472)	4,22,905/-	10,000/-	Two Month	Class-D	350/-
19	RRD on Maloh Kateru road KM 0/0 to 6/0 (SH: Hiring of JCB for removal of slips and road side debris at various RDs).	1,60,500/-	3,300/-	Two Month	Class-D	350/-
20	A/R & M/O Link road Harabag to village Balag KM 0/0 to 3/300 (SH: C/o R/wall at RD 0/50 to 0/465)	2,02,672/-	4,500/-	Three Month	Class - D	350/-
21	C/o link road between Koldam (Right Bank) to Ropa Ahan road KM 0/0 to 0/400 Distt. Mandi HP (SH: C/o R/wall and providing and fixing "W" metal beam at RD 0/078 to 0/088) NTPC Deposit.	2,99,809/-	6,000/-	Two Month	Class - D	350/-
22	RRD on various roads under Nihri Sub Division in Nihri Section (SH: Hiring of JCB for removal of slips).	1,97,950/-	4,000/-	Two Month	Class-D	350/-
23	A/R & M/O Chanol to Samon road Km 0/0 to 8/300 (SH: C/o R/wall at RD 7/605 to 7/620)	3,14,308/-	6,500/-	Three Month	Class-D	350/-
24	A/R & M/O Sundernagar Circular road KM 0/0 to 7/630 (SH: C/o half cut pipe drain and steel grating at RD 7/472 to 7/542)	4,14,647/-	8,500/-	Two Month	Class-D	350/-
25	C/o Paurakothi to Kamand via Kaloun road KM 0/0 to 5/00 (SH: ROFD in KM 0/800 to 1/150)	4,18,823/-	8,500/-	Three Month	Class-D	350/-
26	RRD on Pungh Ghangnoo road Km 0/0 to 19/0 (SH: Hiring of JCB for removal of slips and road side debris at KM 10/0 to 19/0)	1,76,550/-	3,600/-	Two Month	Class-D	350/-
27	Balance work of 90.00 mtr span suspension bridge Alsed Khad in Tehsil Sundernagar, Distt. Mandi (HP) (SH: Providing and laying tarring and painting)	2,82,706/-	6,000/-	Three Month	Class-D	350/-
28	RRD on various roads under PIU Sub Division HPPWD Dehar (Dhawal Section) (SH: Hiring Tipper for carriage of different material)	1,83,000/-	3,800/-	Two Month	Class-D	350/-

29	Special repair to Old Horticulture Building at Sundernagar (SH: Providing painting distempering etc.).	3,30,906/-	6,700/-	Three Month	Class-D	350/-
30	RRD on various roads under Suket Sub Division, HPPWD Sundernagar (Maloh Section) (SH: Hiring of JCB for removal of slips and road side debris at various KMs).	1,76,550/-	3,600/-	Two Month	Class-D	350/-
31	Restoration of road damages due to laying of underground optical fiber cable by digital fiber Ltd. On Jio to Chamba road KM 0/0 to 0/400 (SH: C/o V-shape drain at RD 0/0 to 0/255, 0/380 to 0/430, 0/450 to 0/490).	1,91,130/-	4,000/-	Two Month	Class-D	350/-
32	RRD on link road Balag via Goran KM 0/0 to 1/600 (SH: C/o B/wall at RD 0/310 to 0/325 and 0/429 to 0/437)	3,49,129/-	7,000/-	Three Month	Class-D	350/-
33	RRD on various roads under Nihri Sub Division in Janoul Section (SH: Hiring of JCB for removal of slips).	1,97,950/-	4,000/-	Two Month	Class-D	350/-
34	RRD on Bhawana Maloh road Km 0/0 to 10/0 (SH: C/o R/wall at RD 8/832 to 8/845)	2,27,637/-	5,000/-	Three Month	Class-D	350/-
35	RRD on Samon Tihari road Km 0/0 to 8/870 (SH: Hiring of JCB for removal of slips and road side debris at Km 0/0 to 5/0)	1,76,550	3,600/-	Two Month	Class-D	350/-
36	A/R & M/O Sundernagar Palahi via Beena road KM 0/0 to 5/810 (SH: C/o R/wall at RD 3/225 to 3/239).	1,74,567	3,500/-	Three Month	Class-D	350/-
37	RRD on Slapper Tattapani road Km 0/0 to 68/0 (SH: Hiring of JCB for removal of slips and road side debris).	2,52,520/-	5,200/-	Two Month	Class-D	350/-
38	Providing and fixing pre-painted steel sheet roofing over newly constructed two stories shed at Kalyan Gau Sadan at Sundernagar, Distt. Mandi (HP)	3,50,641/-	8,000/-	One Month	Class-D	350/-
39	Special Repari to HPPWD Rest House at Sundernagar, Distt. Mandi (HP) (SH: Rubbing and polishing for precast terrazzo tiles 22mm thick laid in floor , landing and skirting etc. complete).	99,886/-	2,000/-	One Month	Class-D	350/-
40	RRD on Pungh Kapahi via Patsal road KM 0/0 to 9/300 (SH: Hiring of JCB for removal of slips and road side debris at KM 0/0 to 5/0)	1,76,550/-	3,600/-	Two Month	Class-D	350/-
41	RRD on Dughla Bara Dharta road KM 0/9 to 1/0 (SH: C/ R/wall with toe wall in wire crate at RD 0/855 to 0/964.60)	3,44,094/-	7,000/-	Three Month	Class-D	350/-
42	RRD on link road Balag via Goran KM 0/0 to 1/600 (SH: C/o R/wall at RD 0/446 to 0/457 and 0/493 to 0/502)	3,10,579/-	6,500/-	Three Month	Class-D	350/-

43	RRD on Sundernagar Circular road Km 0/0 to 7/630 (SH: Hiring of JCB for removal of slips and road side debris at Km 5/0 to 7/630)	1,55,150/-	3,200/-	Two Month	Class-D	350/-
44	RRD on various roads under Suket Sub Division HPPWD Sundernagar (Maloh Section) (SH: Hiring of Tipper for carriage of different material at various KMs).	1,67,750/-	3,400/-	Two Month	Class-D	350/-

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

Conditions:-

The tender documents shall be sold to only those contractors who fulfill the conditions as under:-

1. Application must be accompanied with EMD. Applications without EMD shall be summarily rejected.
2. The contractors are required to submit the valid enlistment/G.S.T. registration and latest ITR alongwith application form.
3. Conditional and incomplete tenders shall be rejected.
4. The XEN reserves the right to accept or reject the tender without any reason.

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

No: - PW/SNR-E-Tender/Giriraj/2023- 2314- 53

Dated: 06 .06.2023

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/ cc-pwd-hp@u.nic.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 QUANTITY

Estimated Cost Rs. 3,00,075/- only
Earnest Money Rs.6,000/- only
Time :- Three month.

Name of work :- C/o Link road between Koldam (Right Bank) to Ropa ahan road km 0/00 to 0/400 dist. Mandi HP. (SH:-C/o R/wall and providing and fixing "W" metal beam at RD.0/068 to 0/078) NTPC Deposit

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.	30.25 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.	1.34 cum			Per Cubic Metre	
3	Providing and Laying concrete for plain/reinforced concrete P.C.C. nominal mix 1:5:10 (one cement : five sand ten graded crushed 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.	56.79 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 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.	10.00 Rmt			Per Running Metre	
5	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.	11.55 cum			per Cubic metre	
6	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.	16.00 Nos			Each	
					Total	

SCHEDULE OF QUANTITY

Estimated Cost Rs. 1,55,700-only

Earnest Money Rs.3300/- only

Time:- Two months

in Km 6/

Name of Work :- RRD on Karangal to Kinder Road Km 0/0 to 15/0 (SH:- Hiring of JCB for removal of Slips and road side debris 0 to 10/0)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			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.	145.00	Hours		Per Hours	
Total::						

Executive Engineer,
Sunder Nagar Division,
APDPWD Sunder Nagar.

SCHEDULE OF QUANTITY

Estimate Cost: Rs. 4,56,989/- only
Earnest Money: Rs 5,000/- only
Time : Two month

Name of Work :- A/R & M/O to Old NH21 Chandigarh Mandi Manali road km 0/173/900 to 178/330 (SH:- C/o Half cut Pipe drain , footpath & Grating at RD. 174/800 to 174/860 near Lalit Chowk)

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 .	18.90 cum			Per Cubic metre	
2	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 crushed stone aggregate(Hand mixed) within all leads , lifts and carriage of materials and other incidentals .	15.73 cum			Per Cubic metre	
3	Laying Cement Concrete half cut Pipe NP2 (buried conduits) on first class bedding of granular material jointed with cement sand mortar 1:2 (one cement : two sand) but excluding excavation, protection works, backfilling, concrete and masonry work in head wall and parapets semicircular pipe 300 mm (three hundred millimetre) dia .within all leads , lifts and carriage of materials and other incidentals .	60.00 Rmt			per Running metre	
4	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including carriage of material within all leads, lifts and others incidentals .	2262.00 kg			per kilo gram	
5	Providing and laying 22 mm thick chequered tiles of specied size floor treads of steps and landings on a bed of 25 mm (twenty five millimetre) everage thickness of cement mortar 1:6 (one cement: six sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles (wherever required) including rubbing and polishing complete including carriage of material within all leads, lifts and others incidentals .	33.00 sqm			per square metre	
					Total	

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

SCHEDULE OF QUANTITY

Estimate Cost :Rs.4,94,677/-only
Earnest Money: Rs.10,000/- only
Time : Two Month

Name of work :- Improvement of Wedening Link road from Togradhar Km 0/0 to 3/0 (SH:- ROFD in Km 0/045 to 0/315)

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 settingout 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 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 un-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 transportation including head load animal load or machnical means alongwith its leveling fine dressing and all labour, machinaries, materials, tools equipments and safety measures and incidentals necessary to complete the work by all means (if any required) recovery for 113.28 cubic mete @ Rs. 300.00 per cubic mete amounting to Rs. 33984/- 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 .	2832.23 cum			Per cubic metre	
					Total	


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

SCHEDULE OF QUANTITY

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. No.	Description of item	Qty.	Rate		Unit	Amount
			in word	in figure		
1	Hiring of JCB /excavator for removal of slips and boulder in all kinds of soil including rocky portion 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.	165.00	Hours		Per Hours	
Total:-						


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

SCHEDULE OF QUANTITY

Estimate Cost: Rs. 2,08,755/- only

Earnest Money: Rs 4,500 /- only

Time : Two month

Name of Work :- RRD on Link road Baroti to Kataihan km 0/00 to 2/00 (SH:- Protection work for RCC slab culvert at RD. 0/300)

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.	23.70 cum			Per Cubic metre	
2	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.	5.04 cum			per Cubic metre	
3	Stone soling properly hand packed filling interstices with spalls and consolidating etc. within all leads, lifts and carriage of materials and other incidentals.	11.55 cum			per Cubic metre	
4	Providing concrete for plain / reinforced concrete M-10 in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203 P.C.C. grade 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.	34.63 cum			per Cubic metre	
				Total		

Executive Engineer,

Sunder Nagar Division,

H.P.W.D. Sunder Nagar

SCHEDULE OF QUANTITY

Name of Work :- RRD Saroni Tali Road Km 0/0 to 5/300 (Sh:- Hiring of JCB for removal of Slips and road side debris in Km3/0 to 5/300)

Estimated Cost Rs. 1,64,780- only
Earnest Money Rs.3300/- only
Time:- Two months

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			in word	in figure		
1	Hiring of JCB /excavator for removal of slips and boulder in all kinds of soil including rocky portion 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 duly verified by the Engineer-in charge.	154.00	Hours		Per Hours	



Executive Engineer
Sunder Nagar Division
HPPWD Sunder Nagar

SCHEDULE OF QUANTITY

Name of Work :- A/R & M/O on Chanol to Samon road km 0/0 to 8/300 (SH:- C/o R/ wall at RD. 2/270 to 272/282)

Estimate Cost: Rs. 2,50,662/- only
Earnest Money: Rs 5,000/- only
Time : Three months

S. No.	Sub Head and item of work	Qty.	Rate in		Unit	Amount
			Figure	Word		
1	Earth work in excavation 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.	22.32 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 (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.	56.01 cum			per Cubic metre	
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.	11.82 cum			per Cubic metre	
4	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.	18.00 Nos			Each	
					Total	


**Executive Engineer,
Sunder Nagar Division,
M.P.M.D. Sundararajan**

SCHEDULE OF QUANTITY

Name of Work :- Construction of Car Parking near Lalit Chowk at Sundernagar Dist. Mandi (HP) (SH:- C/o Railing & Gate etc.) Balance work

Estimate Cost: Rs. 4,96,946/- only
Earnest Money: Rs 10,000/- only

Time : Two months

S. No.	Sub Head and item of work	Qty.	Rate in		Unit	Amount
			Figure	Word		
1	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 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 .	2620.00 kg			Per kilo gram	
2	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 .	1309.43 kg			Per kilo gram	
					Total	



Executive Engineer,
Sunder Nagar Division,
HPPWD Sunder Nagar.

SCHEDULE OF QUANTITY

Name of work:- **R.R.D on various Road under Nihri Sub-Division in Rohanda Section**
(SH:- Hiring of J.C.B. for removal of slips)

Estimated cost Rs:- 197950/-
Earnest money Rs:-4000/-
Time:- Two Months

S. No.	Sub-Head and Item of work	Quantity	Rates in		Unit	Amount.
			Figure	Words		
1	Hiring of J.C.B/excavator for removal of slips and boulders in all kinds of soil including rocky portion and saturated soil and disposing of all excavated earth or unserviceable material from the road surface up to any leads and lifts as per direction of Engineer-in-charge. The machine/J.C.B. should work at least minimum 7 hours from 9.00 AM to 5.00 PM. daily and remove at least 25 cum quantity of slips per hour. Any loss to the public property or any accident etc. if happen during the course of hiring period/execution shall be the absolute responsibility of J.C.B/excavator owner, which shall have to be fully compensated by him in all cases. The fuel and operational staff for machine will be provided by the owner. The repair and spare. watch and ward of machine will also be borne by the contractor/owner. The daily log book has to be maintained at site which should be duly verified daily by the Engineer-in-charge.	185 Hrs			Per Hours	
TOTAL =						


Executive Engineer,
Sunder Nagar Division,
MRPWD Sunder Nagar, Jh

Schedule of Quantity

Estimate Cost Rs. 3,62, 430 /- only
Earnest Money Rs. 7,500 /- only
Time : Three months

Name of Work:- Special Repair of Old Horticulture Building at Sundernagar (SH: Providing and fixing floor tile etc.)

S.No.	Description of items	Qty.	Figure	Rate in word	Unit	Amount
1	Providing and fixing 10 mm thick anti skid water proof stain impact resistant heavy duty vitrified tiles NITCO or equivalent 600*600*10 mm in flooring, treads of steps and landing laid over 12 mm thick cement mortar 1:3 jointed with cement slurry mixed with pigment to match the shade of tiles as required complete. including carriage of materials with in all leads, lifts and other incidentals.	115.63	Sqm		Per square metre	
2	P/L spartic ceramic tiles 5.5 mm thick in flooring 300*300 mm treads of steps laid on a bed of 12 mm thick cement miter 1:3 finishing with flush pointing in white cement. including carriage of materials with in all leads, lifts and other incidentals.	22.80	Sqm		Per square metre	
3	P/L Marble work table rubbed in polished in flooring 20 mm thick base in cement mortar with an admixture of pigment to match the shade of marble 20 mm thick white makaran marble. including carriage of materials with in all leads, lifts and other incidentals.	3.90	Sqm		Per square metre	
4	Providing and laying Duro stone vetrified tiles (300 x300mm x10mm) in grey/coloured or of approved shade in flooring, treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1 cement : 3 sand) laid over and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete including carriage of materials with in all leads, lifts and other incidentals.	52.69	Sqm		Per square metre	
	Total					

[Signature]
**Executive Engineer,
Sunder Nagar Division,
HPPWD-Sunder Nagar.**

Estimated Cost Rs. 137,250/- only
Earnest Money Rs.3000/- only
Time :- Two months

~~Executive Engineer,
Sunder Nagar Division,
HPPWD Sunder Nagar.~~

SCHEDULE OF QUANTITY

Estimate Cost: Rs. 3,04,859/- only
Earnest Money: Rs 6,500/- only
Time : Three months

Name of Work:- RRD on Slapper to Serikoth road km 0/0 to 15/00 (SH:- C/o R/ wall at RD. 16/370 to 16/382)

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.	35.94 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 crushed 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.	69.98 cum			per Cubic metre	
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.	12.96 cum			per Cubic metre	
4	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.	24.00 Nos			Each	
					Total	


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

SCHEDULE OF QUANTITY

Estimated Cost Rs.1,81,900/- only
Earnest Money Rs.3800/- only

Time : Two months
(SH:-)

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

Sr. No	Description of item	Qty.	Rate		Unit	Amount
			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.	170.00	Hours		Per Hours	
Total:-						


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

SCHEDULE OF QUANTITY

Name of Work: - RRD on Sundernagar Circular Road 0/0 to 7/630
(SH: - Hiring of Tipper for carriage of different materials at various KMs)

Estimated cost: - Rs. 137250/- only
Earnest money: - Rs. 2800/- only
Time: - Two Months

S.No.	Sub-head and item of work	Quantity	Rates in		Unit	Amount
			Figure.	Words		
1	Hiring of tipper for carriage/disposal of debris to dumping site of work with crow lift to suitable place with in all leads and lifts to the entire satisfaction of the Engineer-in-Charge. The tipper should work minimum at least 7.00 hours from 9.00 AM to 5.00 PM daily. Any loss to the public/private property or any accident etc. if 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, lodging and boarding of operating staff will be provided by the tipper owner. The repair and spare including watch and ward of tipper shall also be borne by the contractor/owner. The daily log book will be maintained at site which should be duly verified by the Engineer-in-Charge.	45 days			Per day	
Total =						


Executive Engineer,
Sunder Nagar Division,
HPPWD Sunder Nagar.

SCHEDULE OF QUANTITY

Estimate Cost :Rs.4,10,641/-only
Earnest Money: Rs.8,500/- only
Time : Three Months

Name of work :- C/o Paurakothi to kamand road via Kaloun km 0/00 to 5/00 (SH:- ROFD in km 1/150 to 1/405)

S.N	Sub Head and item of work	Quantity	Rate in Figure	words	Unit	Amount
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 128.01 cubic mete @ Rs. 300.00 per cubic mete amounting to Rs.38,403/- 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.	1942.21 cum			Per cubic metre	
	Total					


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

SCHEDULE OF QUANTITY

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

Earnest Money Rs.3500/- only

Time :- Two months

(SH:-

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			in world	in figure		
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 duly verified by the Engineer-in charge.	55.00 Days			Per day	
Total:-						

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

SCHEDULE OF QUANTITY

Estimate Cost: Rs. 4,22,905/- only
Earnest Money: Rs 10,000/- only
Time : One month

Name of Work :- A/R & M/O to Sunder Nagar Circular road km 0/0 to 7/630.
(SH:- C/o Half cut pipe drain and steel gritting at RD.7/390 to 7/472)

S. No	Sub Head and item of work	Qty.	Rate in		Unit	Amount
			Figure	Word		
1	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 50 m, (Fifty meters) dressing of sides and bottom and backfilling in trenches with excavated suitable material. (Ordinary Soil) as per direction of Engineer - in - charge including all leads, lifts and carriage of material and other incidentls complete	24.60			per Cubic metre	
2	Stone soling properly hand-packed filling interstices with Kharanja stone and consolidating as per direction of Engineer - in - charge including all leads, lifts and carriage of material and other incidentls complete	4.92			per Cubic metre	
3	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 Nominal mix 1:3:6 (Hand mixing) with curing completed as per direction of Engineer - in - charge including all leads, lifts and carriage of material and other incidentls	8.53			per Cubic metre	

4	Providing and Laying reinforced cement concrete half cut pipe NP2 for drain on first class bedding of granular material in double row including fixing collar with cement sand mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry work in head wall and parafts clause 1106,450 mm dia with curing completed as per direction of Engineer - in - charge including all leads,lifts and carriage of material and other incidents	82.00	Rmt.			per Running metre	
5	Steel work welded in built up sections trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works as per direction of Engineer - in - charge including all leads,lifts and carriage of material and other incidents	2277.00	Kg			per kilogramme	
6	Painting two coats (excluding priming coat on new steel and other metal surfaces with enamel paint brushin of approved brand and manufacture to give an even shade : Two or more coats on new work as per direction of Engineer - in - charge including all leads,lifts and carriage of material and other incidents	41.25	sqm			per square metre	
7	Providing and fixing oxidized M.S. pressed parliamentary hinges with necessary screws etc. complete :100x125x27x2.80 as per direction of Engineer - in - charge including all leads,lifts and carriage of material and other incidents .	165.00	Nos.			Each	
						Total	


 Executive Engineer,
 Sunder Nagar Division,
 HPWD, Sunder Nagar

SCHEDULE OF QUANTITY

Name of work: - **R.R.D on Maloh Katernu Road Km 0/0 to 6/210**
(SH:- Hiring of J.C.B. for removal of slips and road side debris at various R.Ds)

Estimated cost Rs: - 160500/-
Earnest money Rs:-3300/-

Time:- Two months

S. No.	Sub-Head and Item of work	Quantity	Rates in		Unit	Amount.
			Figure	Words		
1	Hiring of J.C.B/excavator for removal of slips and boulders in all kinds of soil including rocky portion and saturated soil and disposing of all excavated earth or unseviceable material from the road surface up to any yards and lifts as per direction of Engineer-in-charge. The machine/J.C.B. should work at least minimum 7 hours from 9.00 AM to 5.00 PM. daily and remove at least 25 cum quantity of slips per hour. Any loss to the public property or any accident etc. if happen during the course of hiring period/execution shall be the absolute responsibility of J.C.B/excavator owner, which shall have to be fully compensated by him in all cases. The fuel and operational staff for machine will be provided by the owner. The repair and spare, watch and ward of machine will also be borne by the contractor/owner. The daily log book has to be maintained at site which should be duly verified daily by the Engineer-in-charge.	150 Hrs			Per Hours	
TOTAL =						


**Executive Engineer,
Sundernagar Division
HPPWD, Sundernagar**

SCHEDULE OF QUANTITY

Name of Work:- A/R & M/O Link road Harabag to village Balag km 0/0 to 3/300 (SH:- C/o R/ wall at RD. 0/450 to 0/465)

Estimate Cost Rs. 2,02,672/- only
Earnest Money: Rs 4500/- only
Time : Three Months

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.	24.15 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.	47.25 cum			Per Cubic metre	
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.	7.35 cum			Per Cubic metre	
4	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.	12.00 Nos			Each	
					Total	


Executive Engineer,
Sunder Nagar Division,
HPPWD Sunder Nagar.

SCHEDULE OF QUANTITY

Estimated Cost Rs. 2,99,809/- only
Earnest Money Rs.6,000/- only

Time :- Three month.

Name of work :- C/o Link road between Koldam (Right Bank) to Ropa ahan road km 0/00 to 0/400 distt. Mandi HP. (SH:- C/o R/wall and providing and fixing "W" metal beam at RD. 0/078 to 0/088) NTPC Deposit

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.	26.70 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.	1.34 cum			Per Cubic Metre	
3	Providing and Laying concrete for plain/reinforced concrete P.C.C. nominal mix 1:5:10 (one cement : five sand ten graded crushed 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.	56.79 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.	10.00 Rmt			Per Running Metre	
5	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.	12.15 cum			per Cubic metre	
6	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.	16.00 Nos			Each	
					Total	

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

SCHEDULE OF QUANTITY

Name of work: - **RRD on various Road under Nihri Sub-Division in Nihri Section**
(SH:- Hiring of J.C.B. for removal of slips)

Estimated cost Rs: - 197950/-
Earnest money Rs:-4000/-
Time:- Two Months

S. No.	Sub-Head and Item of work	Quantity	Rates in		Unit	Amount.
			Figure	Words		
1	Hiring of J.C.B./excavator for removal of slips and boulders in all kinds of soil including rocky portion and saturated soil and disposing of all excavated earth or unserviceable material from the road surface up to any leads and lifts as per direction of Engineer-in-charge. The machine/J.C.B. should work at least minimum 7 hours from 9.00 AM to 5.00 PM. daily and remove at least 25 cum. quantity of slips per hour. Any loss to the public property or any accident etc. if happen during the course of hiring period/execution shall be the absolute responsibility of J.C.B./excavator owner, which shall have to be fully compensated by him in all cases. The fuel and operational staff for machine will be provided by the owner. The repair and spare, watch and ward of machine will also be borne by the contractor/owner. The daily log book has to be maintained at site which should be duly verified daily by the Engineer-in-charge.	185 Hrs			Per Hours	
TOTAL =						

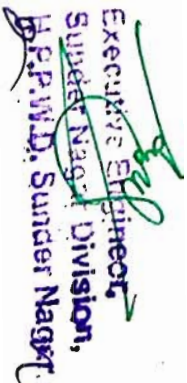
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Executive Engineer,
Sunder Nagar Division,
HPPWD Sunder Nagar

SCHEDULE OF QUANTITY

Estimate Cost: Rs. 3,14,308/- only
Earnest Money: Rs 6,500/- only
Time : Three months

Name of Work :- A/R & M/O on Chanol to Samon road km 0/0 to 8/300 (SH:- C/o R/ wall at RD. 7/605 to 7/620)

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.	26.55	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 (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.	70.01	cum		per Cubic metre	
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.	15.45	cum		per Cubic metre	
4	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.	24.00	Nos		Each	
					Total	


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

SCHEDULE OF QUANTITY

Estimate Cost: Rs. 4,14,647/- only
Earnest Money: Rs 10,000/- only
Time : One month

Name of Work :- A/R & M/O to Sunder Nagar Circular road km 0/0 to 7/630.
(SH:- C/o Half cut pipe drain and steel gritting at RD. 7/470 to 7/542) Job No.-II

S. No	Sub Head and item of work	Qty.	Rate in		Unit	Amount
			Figure	Word		
1	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 50 m. (Fifty meters) dressing of sides and bottom and backfilling in trenches with excavated suitable material.(Ordinary Soil) as per direction of Engineer - in - charge including all leads,lifts and carriage of material and other incidents complete	29.50	cum		per Cubic metre	
2	Stone soling properly hand-packed filling interstices with Kharanja stone and consolidating as per direction of Engineer - in - charge including all leads. lifts and carriage of material and other incidents complete	12.70	cum		per Cubic metre	
3	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 Nominal mix 1:3:6 (Hand mixing) with curing completed as per direction of Engineer - in - charge including all leads,lifts and carriage of material and other incidents	15.79	cum		per Cubic metre	

4	Providing and Laying reinforced cement concrete half cut pipe NP2 for drain on first class bedding of granular material in double row including fixing collar with cement sand mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry work in head wall and parafits clause 1106, 450 mm dia with curing completed as per direction of Engineer - in - charge including all leads, lifts and carriage of material and other incidents	70.00	Rmt.				per Running metre	
5	Steel work welded in built up sections trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint in gratings, frames, guard bar, ladder, railings, brackets, gates and similar works as per direction of Engineer - in - charge including all leads, lifts and carriage of material and other incidents	1945.80	Kg				per kilogramme	
6	Painting two coats (excluding priming coat on new steel and other metal surfaces with enamel paint brushin of approved brand and manufacture to give an even shade : Two or more coats on new work as per direction of Engineer - in - charge including all leads, lifts and carriage of material and other incidents	35.25	sqm				per square metre	
7	Providing and fixing oxidized M.S. pressed parliamentary hinges with necessary screws etc. complete : 100x125x27x2.80 as per direction of Engineer - in - charge including all leads, lifts and carriage of material and other incidents .	141.00	Nos.				Each	
							Total	


 Executive Engineer,
 Sunder Nagar Division,
 HPPWD Sunder Nagar

SCHEDULE OF QUANTITY

Estimate Cost :Rs.4,18,823/-only

Earnest Money: Rs.8,500/- only

Time : Three Months

Name of work :- C/o Paurakotai to kamand road via Kaloun km 0/00 to 5/00 (SH:- ROFD in km 0/800 to 01/150)

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 necessary to complete the work by all means (if any required) recovery for usefull stone of 125.35 cubic mete @ Rs. 300.00 per cubic mete amounting to Rs.37,605/- 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.	1970.19 cum		Per cubic metre	
	Total				

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

SCHEDULE OF QUANTITY

Name of work: -

RRD on Pungh Changanoo Road Km 0/0 to 19/0

(SH:- Hiring of J.C.B. for removal of slips and road side debris at KM 10/0 to 19/0) Job-II

Estimated cost Rs:- 1,76,550/-
Earnest money Rs:- 3600/-
Time:- Two Months

S. No.	Sub-Head and Item of work	Quantity	Rates in		Unit	Amount.
			Figure	Words		
1	Hiring of J.C.B/excavator for removal of slips and boulders in all kinds of soil including rocky portion and saturated soil and disposing of all excavated earth or unserviceable material from the road surface up to any leads and lifts as per direction of Engineer-in-charge. The machine/J.C.B. should work at least minimum 7 hours from 9.00 AM to 5.00 PM. daily and remove at least 25 cum quantity of slips per hour. Any loss to the public property or any accident etc. if happen during the course of hiring period/execution shall be the absolute responsibility of J.C.B/excavator owner, which shall have to be fully compensated by him in all cases. The fuel and operational staff for machine will be provided by the owner. The repair and spare, watch and ward of machine will also be borne by the contractor/owner. The daily log book has to be maintained at site which should be duly verified daily by the Engineer-in-charge.	165 Hrs			Per Hours	
TOTAL =						


Executive Engineer,
Sunder Nagar Division,
HPPWD Sunder Nagar.

SCHEDULE OF QUANTITY

Estimated cost Rs. 2,82,706/- only
Earnest Money Rs. 6,000/- Only
Time : Three Month

Name of work :- Balance work of 90.00 mtr. Span suspension bridge Aised khad in Tehsil Sundernagar Distt. Mandi HP.
(SH:- Providing and laying tarring and Painting)

S.No.	Description of items	Quantity	Rate		Unit	Amount
			in figure	in word		
1	Preparing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70 - 1.0 kg/sqm (zero point seven zero to one kilogram / square metre) using mechanical means as per technical specification clause 502. as per direction and entire satisfaction of Engineer -in- Charge with in all leads .lifts and carriage of materials and other incidentals.	249.66 sqm			Per Square metre	
2	Providing and applying tack coat with bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg (zero point two five to zero point three zero kilogram) per sqm on the prepared dry and hungry bituminous surface cleaned with hydraulic broom as per technical specification clause 503 as per direction and entire satisfaction of Engineer -in- Charge with in all leads .lifts and carriage of materials and other incidentals.	249.66 sqm			Per Square metre	
3	Providing, laying and rolling of built-up spray grout layer over prepared base consisting of a two layer composite construction of crushed coarse aggregates using motor grader for aggregates. Key stone chips spreader may be used with application of bituminous binder after each layer, and with key aggregates placed on top of the second layer to serve as a base, conforming to the line, grades and crosssection specified, the compacted layer thickness being 75 mm as per Technical Specification Clause 505. by manual means as per direction and entire satisfaction of Engineer -in- Charge with in all leads .lifts and carriage of materials and other incidentals.	249.66 sqm			Per Square metre	

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

Estimated Cost Rs. 1,83,000/- only

Earnest Money Rs.3800/- only

Time :- Two months

(SH:-

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

Schedule of Quantity

Name of Work:- Special Repair of Old Horticulture Building at Sundernagar (SH: Providing painting distemping etc.)

Estimate Cost Rs. 3,30,906 /- only
Earnest Money Rs. 6,700 /- only
Time : Three months

S.No.	Description of items	Qty.	Rate		Unit	Amount
			Figure	in word		
1	Dismantling floors laid in mortar up to floor two leve lingcluding stacking of servisable material and disposal of unsearvisable material within 20 mtr lead (Wooden / concrete joints to be measured and paid for seperaty) for thickness of tiles above 25 mm and up to 40 mm including carriage of materials with in all leads, lifts and other incidentals.	134.23	Sqm		Per square metre	
2	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :Of area 3 sq. metres and below including carriage of materials with in all leads, lifts and other incidentals.	6.00	No.		Each	
3	Repair to plaster in patches 2.5 sqm and under 10mm to 15 thick including cutting the patch in proper shape, raking out joints and preparing plastering the including disposal of rubbish to the dumping ground with in 20 metre with cement mortar 1:4 including carriage of materials with in all leads, lifts and other incidentals.	48.00	Sqm		Per square metre	
4	6 mm Thick Plaster to ceiling in cement mortar 1:3 including carriage of materials with in all leads, lifts and other incidentals.	92.58	Sqm		Per square metre	
5	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. including black enamelled iron butt hinges with necessary screws. 2nd class deodar wood. 40mm thick including carriage of materials with in all leads, lifts and other incidentals.	15.11	Sqm		Per square metre	
6	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws : 2nd class deodar wood. including carriage of materials with in all leads, lifts and other incidentals.	8.34	Sqm		Per square metre	


7	Providing and fixing anodized aluminium sliding door bolt anodized colour and shade with bolts and nuts screws etc. complete. 250x16mm including carriage of materials with in all leads, lifts and other incidentals.	4.00	No.		Each	
8	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete. 25 mm including carriage of materials with in all leads, lifts and other incidentals.	8.00	No.		Each	
8.1	100mm	40.00	No.		Each	
9	Providing and fixing aluminium tower bolts (berrel type) anodized transparent or dyed to required shade and colour with screws etc. complete 250*10 mm including carriage of materials with in all leads, lifts and other incidentals.	8.00	No.		Each	
9.1	150x10mm	40.00	No.		Each	
10	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 including carriage of materials with in all leads, lifts and other incidentals.	547.00	kg		Per kilo gram	
11	P&F moulded hand rail of MS hollow pipe 50mm dia welded in straight lenth over MS flate at top vertical baluster i/c one coat of red oxide priming coat complete . MS Flate & bluster shall measured and paid saperatly. including carriage of materials with in all leads, lifts and other incidentals.	25.10	Sqm		Per square metre	
12	Applying priming coat on new steel work & other metel surface after and including prepering the surface by thoroughly cleaning oil,grease,dirt and other foreign matter) sand papering and knotting. including carriage of materials with in all leads, lifts and other incidentals.	31.86	Sqm		Per square metre	
13	Painting two coats(excluding Priming coat) on New steel steel & metal surface with ready mixed paint brushing oil , grease to give an even shade, including cleaning the surface of dirt,dust and otherforeign matter, with white ready mixed paint including carriage of materials with in all leads, lifts and other incidentals.	31.86	Sqm		Per square metre	

14	Painting one coats(excluding Priming coat) on previously painted steel & metal surface with ready mixed paint brushing oil , grease to give an even shade including cleaning the surface of dirt,dust and other foreign matter, with white ready mixed paint including carriage of materials with in all leads, lifts and other incidentals.	16.44	Sqm			Per square metre	
15	Painting two coats(excluding Priming coat) on previously painted steel & metal surface with ready mixed paint brushing oil , grease to give an even shade including cleaning the surface of dirt,dust and other foreign matter, with enamel paint other then white including carriage of materials with in all leads, lifts and other incidentals.	53.53	Sqm			Per square metre	
16	Painting one coats(excluding coat)on previously painted wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt,dust and other foreign matter,sand papering & stoping including carriage of materials with in all leads, lifts and other incidentals.	53.53	Sqm			Per square metre	
17	Painting one coats(excluding coat)previously wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt,dust and other foreign matter,sand papering & stoping including carriage of materials with in all leads, lifts and other incidentals.	105.86	Sqm			Per square metre	
18	white washing with lime wall, surface to give an even shade i/c thourly brooming the surface to remove all dirt ,dust,morter drops and loop scale of lime wash and other foreign matter including carriage of materials with in all leads, lifts and other incidentals.	92.58	Sqm			Per square metre	
19	Distempering (one coat) with oil bound washable distemper of approved brand and manufacture and of required shade on undecorated wall surfaces to give an even shade over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and sand paped smooth. Priming coat with distemper primer including carriage of materials with in all leads, lifts and other incidentals.	475.88	Sqm			Per square metre	
20	P/F to wall ceiling and floor galvanised mild steel tubes (medium grade) tube fitting and clamps i/c making good the wall ,ceiling and floor - 15mm nominal bore including carriage of materials with in all leads, lifts and other incidentals.	28.90	Rmt			Per running metre	

21	Providing and fixing vitreous china wash down water closet(European type w.c.pan) with integral 'P' or 'S' trap including jointing the trap with soil pipe in cement mortar 1:1 (one cement:one sand)(seat and cover to be measured and paid for separately):- Englo Indian universal closet including carriage of materials with in all leads, lifts and other incidentals.	2.00	No.			Each	
22	P/F GI Inlet connection to flush pipe with Wcpan including carriage of materials with in all leads, lifts and other incidentals.	2.00	No.			Each	
23	Providing and fixing 550mmx400mm (five hundred fifty millimetre x four hundred millimetre) vitreous China wash basin with single hole for pillar tap with C.I. or M.S. Brackets painted white including cutting holes and making good the same but excluding fittings within all leads , lifts of material and other incidentals . Flat Back including carriage of materials with in all leads, lifts and other incidentals.	2.00	No.			Each	
24	Providing and fixing vitreous Chinavetrious china padesdal forwash basin complete recessed at the back for the reception of pipe and fitting including carriage of materials with in all leads, lifts and other incidentals.	2.00	No.			Each	
25	Providing and fixing laboratry sink with CI or MS brackets painted white i/c cutting whole in walls and making good the same but excluding fitting 450x350x150mm including carriage of materials with in all leads, lifts and other incidentals.	2.00	No.			Each	
26	Providing and fixing 32mm (thirty two millimetre) dia C.P. Brass waste for wash basin of sink within all leads, lifts of material and other incidentals	4.00	No.			Each	
27	Providing and fixing 100mm (one hundred millimetre) sand cast iron grating for gully, floor or Nahni Trap. within all leads, lifts of material and other incidentals .	6.00	No.			Each	
28	Providing and fixing 600mm x450mm (six hundred millimetre x four hundred fifty millimetre) bevelled edge mirror of superior glass mounted on 6mm (six millimetre) thick A.C sheet or ply wood sheet and fixed to wooden plugs with C.P brass screws and washers including carriage of materials with in all leads, lifts and other incidentals.	2.00	No.			Each	

29	Providing and fixing CP Brass towel rail complete with CP Brass brackets fixed to wooden plug with CP Brass screws 600x20 mm including carriage of materials with in all leads, lifts and other incidentals.	2.00	No.				Each	
30	Providing and fixing 600x120mm glass self with CP Brass bracket and guard rail complete fixed to wooden plugs with CP Brass including carriage of materials with in all leads, lifts and other incidentals.	2.00	No.				Each	
31	Providing and fixing chromium plated brass soap dish with C.P brass brackets fixed to wooden cleats with C.P brass screws . including carriage of materials with in all leads, lifts and other incidentals.	2.00	No.				Each	
32	Providing and fixing 15 mm (fifteen millimeters) dia C.P Brass bib tap with capstan head within all leads, lifts of material and other incidentals.	8.00	No.				Each	
33	Providing and fixing 15 mm CP Satop cock within all leads, lifts of material and other incidentals.	6.00	No.				Each	
34	Providing and fixing PVC Connection with brass union 300/450 mm length 15 mm nominal bore. including carriage of materials with in all leads, lifts and other incidentals.	2.00	No.				Each	
35	Providing and fixing PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive , cost of cutting and making good the wall and floor etc complete. 100x 75 mm including carriage of materials with in all leads, lifts and other incidentals.	6.00	No.				Each	
36	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. Complete including carriage of materials with in all leads, lifts and other incidentals. 110 mm dia including carriage of materials with in all leads, lifts and other incidentals.	27.40	No.				Each	
36.1	75 mm dia (seventy five millimetre)	23.85	No.				Each	
37	Providing and fixing PVC single equal branch with oval access door ISI marked insection rubber washer 3 mm thick bolts and nuts complete. including fixing with approved adhesive complete including carriage of materials with in all leads, lifts and other incidentals.							

37.1	110 mm dia (one hundred ten millimetre)	2.00	No.				Each	
37.2	75 mm dia (seventy five millimetre)	2.00	No.				Each	
38	Providing and fixing PVC door bend with oval access door ISI marked insecton ruber washer 3 mm thick bolts and nuts complete. including fixing with approved adhesive complete. including carriage of materials with in all leads, lifts and other incidentals.							
38.1	110 mm dia (one hundred ten millimetre)	1.00	No.				Each	
38.2	75 mm dia (seventy five millimetre)	1.00	No.				Each	
39	Providing and fixing PTMT jet spray off approved quality and colour with one metre tube including carriage of materials with in all leads, lifts and other incidentals.	2.00	No.				Each	
							Total	


 Executive Engineer,
 Sunder Nagar Division,
 HPPWD Sunder Nagar.

SCHEDULE OF QUANTITY

Name of work: - **RRD on various Road under Suket Sub-Division, HPPWD Sundernagar (Maloh Section)**
(SH:- Hiring of J.C.B. for removal of slips and road side debris at various KM)

Estimated cost Rs:- 176550/-
Earnest money Rs:-3600/-
Time:- Two months

S. No.	Sub-Head and Item of work	Quantity	Rates in		Unit	Amount.
			Figure	Words		
1	Hiring of J.C.B/excavator for removal of slips and boulders in all kinds of soil including rocky portion and saturated soil and disposing of all excavated earth or unserviceable material from the road surface up to any leads and lifts as per direction of Engineer-in-charge. The machine/J.C.B. should work at least minimum 7 hours from 9.00 AM to 5.00 PM. daily and remove at least 25 cum quantity of slips per hour. Any loss to the public property or any accident etc. if happen during the course of hiring period/execution shall be the absolute responsibility of J.C.B/excavator owner, which shall have to be fully compensated by him in all cases. The fuel and operational staff for machine will be provided by the owner. The repair and spare, watch and ward of machine will also be borne by the contractor/owner. The daily log book has to be maintained at site which should be duly verified daily by the Engineer-in-charge.	165 Hrs			Per Hours	
TOTAL =						

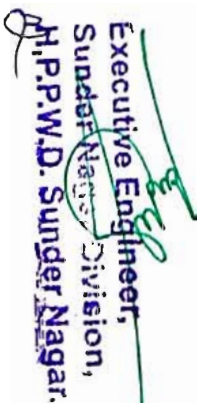

**Executive Engineer,
Sunder Nagar Division,
HPPWD Sunder Nagar.**

SCHEDULE OF QUANTITY

Estimate Cost :Rs. 1,91,130/-only
Earnest Money: Rs.4,000/- only
Time : Two Months

Name of work :- Restoration of road damages due to laying of under ground optical fiber cable by digital fiber ltd. On Jior to Chamba road km 0/00 to 0/400 (SH: C/o V-shape drain at RD 0/00 to 0/255 , 0/380 to 0/430, 0/450 to 0/490)

S.N	Sub Head and item of work	Quantity	Rate in		Unit	Amount
			Figure	words		
1	Providing and laying V-shape drain with 1:3:6 (one cement : three sand : six graded crushed stone aggregate including the cost of form work as per Engineer - in - charge within all leads , lifts and carriage of materials and other incidentals .	345.00 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 Balag via Goran km 0/0 to 1/600 (SH:- C/o B/ wall at RD. 0/310 to 0/325 & 0/429 to 0/437)

Estimate Cost: Rs. 3,49,129/- only
Earnest Money: Rs 7,000/- only
Time : Three Months

S. No.	Sub Head and item of work	Qty	Rate in		Unit	Amount
			Figure	Word		
1	Earth work in excavation 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.	57.23 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.	81.68 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.	30.00 Nos			Each	
					Total	

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

SCHEDULE OF QUANTITY

Name of work: - **RRD on various Road under Nihri Sub-Division in Janol Section**
(SH:- Hiring of J.C.B. for removal of slips)

Estimated cost Rs: - 197950/-
Earnest money Rs:-4000/-
Time:- Two Months

S. No.	Sub-Head and Item of work	Quantity	Rates in		Unit	Amount.
			Figure	Words		
1	Hiring of J.C.B/excavator for removal of slips and boulders in all kinds of soil including rocky portion and saturated soil and disposing of all excavated earth or unserviceable material from the road surface up to any leads and lifts as per direction of Engineer-in-charge. The machine/J.C.B. should work at least minimum 7 hours from 9.00 AM to 5.00 PM. daily and remove at least 25 cum quantity of slips per hour. Any loss to the public property or any accident etc. if happen during the course of hiring period/execution shall be the absolute responsibility of J.C.B/excavator owner, which shall have to be fully compensated by him in all cases. The fuel and operational staff for machine will be provided by the owner. The repair and spare, watch and ward of machine will also be borne by the contractor/owner. The daily log book has to be maintained at site which should be duly verified daily by the Engineer-in-charge.	185 Hrs			Per Hours	
TOTAL =						

[Signature]
Executive Engineer,
Sunder Nagar Division,
HPPWD Sunder Nagar

SCHEDULE OF QUANTITY

Name of Work :- RRD on Bhawana Maloh km 0/0 to 10/00 (SH:-C/o R/ wall at RD. 8/832 to 8/845)

Estimate Cost Rs. 2,27,637/- only
Earnest Money: Rs 5,000/- only
Time : Three months

S. No.	Sub Head and item of work	Qty.	Rate in		Unit	Amount
			Figure	Word		
1	Earth work in excavation for structure as per drawing and technical specification clause 305.1 including setting out construction of shoring and bracing removal of stump and other deleterious material and disposal up to any lead, lifts and dressing of sides and bottom and backfilling in trenches with excavated suitable material ordinary soil within all leads, lifts and carriage of materials and other incidentals.	38.22 cum			per Cubic metre	
2	Providing and laying cement concrete 1:6:12 (one cement : six sand twelve graded crashed stone aggregate 40mm (fortymillimetre) 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.	6.36 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.	25.47 cum			per Cubic metre	
4	Providing and Laying concrete 1:4:8 (one cement : four sand : eight graded crushed stone aggregate 40mm (fortymillimetre) 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.	2.60 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	26.6 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.	8.19 cum			per Cubic metre	
					Total	


Executive Engineer,
Sunder Nagar Division,
MPPWD Sunder Nagar.

SCHEDULE OF QUANTITY

Name of work: - **RRD on Samon Tihari Road Km 0/0 to 8/870**
(SH:- Hiring of J.C.B. for removal of slips and road side debris at Km 0/0 to 5/0)
Estimated cost Rs: - 176550/-
Earnest money Rs:-3630/-
Time:- Two Months

S. No.	Sub-Head and Item of work	Quantity	Rates in		Unit	Amount.
			Figure	Words		
1	Hiring of J.C.B/excavator for removal of slips and boulders in all kinds of soil including rocky portion and saturated soil and disposing of all excavated earth or unserviceable material from the road surface up to any leads and lifts as per direction of Engineer-in-charge. The machine/J.C.B. should work at least minimum 7 hours from 9.00 AM to 5.00 PM. daily and remove at least 25 cum quantity of slips per hour. Any loss to the public property or any accident etc. if happen during the course of hiring period/execution shall be the absolute responsibility of J.C.B/excavator owner, which shall have to be fully compensated by him in all cases. The fuel and operational staff for machine will be provided by the owner. The repair and spare, watch and ward of machine will also be borne by the contractor/owner. The daily log book has to be maintained at site which should be duly verified daily by the Engineer-in-charge.	165 Hrs			Per Hours	
TOTAL =						


Executive Engineer,
Sunder Nagar Division,
HPPWD Sunder Nagar

SCHEDULE OF QUANTITY

Name of Work :- A/R & M/O Sundernagar Palahi via Beena km 0/0 to 5/810 (SH:- C/o R/ wall at RD. 3/225 to 3/239)

Estimate Cost Rs. 1,74,551/- only
Earnest Money Rs. 3,500/- only
Time : Two Months

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.	24.99 cum			Per Cubic metre	
2	Providing and Laying concrete for plain/reinforced concrete P.C.C. nominal mix: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.	41.23 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.	16.00 Nos			Each	
4	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.	3.45 cum			per Cubic metre	
					Total	

Executive Engineer,
Sunder Nagar Division
MPPWD Sunder Nagar.

SCHEDULE OF QUANTITY

Name of Work :- RRD on Slapper Tattapani Road Km 0/0 to 68/0 (SH:- Hiring of JCB for removal of Slips and road side debris 0 to 27/300)

Estimated Cost Rs. 2,52,520/- only
Earnest Money Rs. 5200/- only
Time :- Two months
in Km 0/

Sr. No.	Description of item	Qty.		Rate		Unit	Amount
				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.	236.00	Hours			Per Hours	
Total:-							


Executive Engineer,
Sunder Nagar Division,
APPWD Sunder Nagar.

SCHEDULE OF QUANTITY


Estimate Cost: Rs. 3,50,641/- only
Earnest Money: Rs 8,000/- only

Time : One month

Name of Work :- Providing and fixing pre-painted steel sheet roofing over newly construction two stories shed at Kalyan God Shadan at Sunder Nagar Dist. Mandi (H.P.)

S. No.	Sub Head and item of work	Qty.	Rate in		Unit	Amount
			Figure	Word		
1	Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer. Fixing with 15x3 mm (fifteen x three) millimeter lugs 10 cm (ten) centimeter long embedded in cement concrete block 15x10x10 cm (fifteen x ten x ten) centimeter of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) with curing completed as per direction of Engineer-in-charge including all leads, lifts and carriage of material and other incidents.	190.92 kg			per kilogram	
2	Providing and fixing 0.60 mm(zero point sixty millimeter) thick pre-painted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester organic coating of 20(twenty) microns over 5 (five) microns primer coating back coat of polyester of 5 (five) microns over 5 (five) microns primer coating including fixing with pre-painted iron J or L hooks, bolts and nuts 6 (six)mm dia with pre-painted limpet and rubber washers complete with all accessories as required as per the direction of Engineer-in-charge. including all leads, lifts and carriage of material and other incidents.	230.07 sqm			per square metre	

3	Providing and fixing ridges or hips 60cm (sixty centimeter) over all with 0.60mm (zero point sixty millimeter) thick pre-painted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 (twenty) microns over 5 (five) microns primer coating + back coat of polyester of 5 (five) microns primer coating including fixing with pre-painted iron J or L hooks, bolts and nuts 6mm (six millimeter) dia and pre-painted G.I. limpet and bitumen washers complete with all accessories as required as per the direction of Engineer-In-Charge including all leads, lifts and carriage of material and other incidents.	21.03 Rmt.			per Runnin g metre	
4	Providing and fixing 15cm (fifteen centimeter) wide 45cm (forty five centimeter) overall semi-circular pre-painted plain sheet 0.6mm (zero point six millimeter) gutter with iron brackets 40x3mm (forty x three millimeter) size bolts and nuts and washers etc. including making necessary connections with rain water pipe complete as per design as per the direction of Engineer-In-Charge including all leads, lifts and carriage of material and other incidents.	42.06 Rmt.			per Runnin g metre	
					Total	


 Executive Engineer,
 Sunder Nagar Division,
 HPPWD Sunder Nagar

SCHEDULE OF QUANTITY

Estimate Cost: Rs. 99,886/- only
Earnest Money: Rs 2,000/- only

Time : One month

Name of Work :- Special repair to H.P.PWD. Rest House Building at Sunder Nagar Distt. Mandi (H.P.)

(SH:- Rubbing and Polishing for precast terrazzo tiles 22 mm thick laid in floor, landing and skirting etc. complete.)

S. No.	Sub Head and item of work	Qty.	Rate in		Unit	Amount
			Figure	Word		
1	Rubbing and polishing for precast terrazzo tiles 22 mm (twenty two) millimeter thick in floor, landing and skirting etc. complete, with curing completed as per direction of Engineer - in - charge including all leads, lifts and carriage of material and other incidents.	235.77	sqm		per square metre	
2	Precast terrazzo tiles 22 mm (Twenty two millimeter) thick with graded marble chips of size upto 12 mm (Twelve millimeter) laid in floors, and landings, jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete, on 20 mm (Twenty millimeter) thick bed of cement mortar 1:4 (1 cement:4 coarse sand) : Light shade pigment using white cement, with curing completed as per direction of Engineer - in - charge including all leads, lifts and carriage of material and other incidents.	6.24	sqm		per square metre	
	Total:-					

[Signature]
**Executive Engineer,
Sunder Nagar Division,
HPPWD Sunder Nagar**

SCHEDULE OF QUANTITY

Name of work: -

RRD on Punggh Kapahi via Patsal Road Km 0/0 to 9/300
(SH:- Hiring of J.C.B. for removal of slips and road side debris at Km 0/0 to 5/0)

Estimated cost Rs:- 176550/-
Earnest money Rs:-3600/-
Time:- Two Months

S. No.	Sub-Head and Item of work	Quantity	Rates in		Unit	Amount.
			Figure	Words		
1	Hiring of J.C.B/excavator for removal of slips and boulders in all kinds of soil including rocky portion and saturated soil and disposing of all excavated earth or unserviceable material from the road surface up to any leads and lifts as per direction of Engineer-in-charge. The machine/J.C.B. should work at least minimum 7 hours from 9.00 AM to 5.00 PM. daily and remove at least 25 cum quantity of slips per hour. Any loss to the public property or any accident etc. if happen during the course of hiring period/execution shall be the absolute responsibility of J.C.B/excavator owner, which shall have to be fully compensated by him in all cases. The fuel and operational staff for machine will be provided by the owner. The repair and spare, watch and ward of machine will also be borne by the contractor/owner. The daily log book has to be maintained at site which should be duly verified daily by the Engineer-in-charge.	165 Hrs			Per Hours	
TOTAL =						


Handwritten Signature
**Executive Engineer,
Sunder Nagar Division,
HPPWD Sunder Nagar.**

SCHEDULE OF QUANTITY

Estimate Cost: Rs. 3,44,094/- only
Earnest Money: Rs 7000/- only
Time : Three months

Name of Work :- RRD on Dughla Bara Dhartha road Km 0/0 to 1/0 (SH:- C/o R/wall with Toe wall in wire crate at 855 to 0/864.60)							RD 0/
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 .	20.69 cum			Per Cubic metre		
2	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 .	28.80 cum			Per Cubic metre		
3	Providing and laying of boulder apron laid in wire crates with 4mm (four millimeter dia) G.I wire conforming to 1.5,280 and 1.5,4826 in 100mm x 100 (one hundred in to one hundred millimeters) in much (woven diagonally) including 10% extra for laps and joints laid with stone boulders weighing not less than 25 kg (twenty five kilo gram) each as per drawing including all leads ,lifts of material and technical specification clause 1301. within all leads , lifts and carriage of materials and other incidentals .	69.11 cum			Per Cubic metre		
4	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 .	13.82 cum			Per Cubic metre		

5	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	6.00	Nos					each	
								Total	


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

SCHEDULE OF QUANTITY

Estimate Cost Rs. 3,10,579/- only
 Earnest Money: Rs 6500/- only
 Time : Three Months

Name of Work :- RRD on Link road Balag via Goran km 0/0 to 1/600 (SH:- C/o R/ wall at RD. 0/446 to 0/457 & 0/493 to 0/502)

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.	42.25 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 crushed 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.	71.03 cum			Per Cubic metre	
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.	8.54 cum			per Cubic metre	
4	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.	26.00 Nos			Each	
					Total	


 Executive Engineer,
 Sunder Nagar Division,
 HPPWD Sunder Nagar.

SCHEDULE OF QUANTITY

Name of work: - RRD on Sundernagar Circular Road Km 0/0 to 7/630
 (SH:- Hiring of J.C.B. for removal of slips and road side debris at Km 5/0 to 7/630)
 Estimated cost Rs:- 1,55,150/-
 Earnest money Rs:-32,000/-
 Time:- Two Months

S. No.	Sub-Head and Item of work	Quantity	Rates in		Unit	Amount.
			Figure	Words		
1	Hiring of J.C.B/excavator for removal of slips and boulders in all kinds of soil including rocky portion and saturated soil and disposing of all excavated earth or unserviceable material from the road surface up to any leads and lifts as per direction of Engineer-in-charge. The machine/J.C.B. should work at least minimum 7 hours from 9.00 AM to 5.00 PM. daily and remove at least 25 cum quantity of slips per hour. Any loss to the public property or any accident etc. if happen during the course of hiring period/execution shall be the absolute responsibility of J.C.B/excavator owner, which shall have to be fully compensated by him in all cases. The fuel and operational staff for machine will be provided by the owner. The repair and spare, watch and ward of machine will also be borne by the contractor/owner. The daily log book has to be maintained at site which should be duly verified daily by the Engineer-in-charge.	145 Hrs			Per Hours	
TOTAL =						


 Executive Engineer,
 Sunder Nagar Division,
 HPWD Sunder Nagar

SCHEDULE OF QUANTITY

Name of Work: - RRD on various Roads under Suket Sub-Division, HPPWD Sundernagar (Maloh Section)
(SH: - Hiring of Tipper for carriage of different materials at various KMs)

Estimated cost: - Rs. 167750/- only
Earnest money: - Rs. 3000/- only
Time: - Two Months

S.No.	Sub-head and item of work	Quantity	Rates in		Unit	Amount
			Figure.	Words		
1	Hiring of tipper for carriage/disposal of debris to dumping site of work with crow lift to suitable place with in all leads and lifts to the entire satisfaction of the Engineer-in-Charge. The tipper should work minimum at least 7.00 hours from 9.00 AM to 5.00 PM daily. Any loss to the public/private property or any accident etc. if 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, lodging and boarding of operating staff will be provided by the tipper owner. The repair and spare including watch and ward of tipper shall also be borne by the contractor/owner. The daily log book will be maintained at site which should be duly verified by the Engineer-in-Charge.	55 days			Per day	
Total =						


 Executive Engineer
 Sunder Nagar Division
 HPPWD Sunder Nagar.