

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 **22.07.2023** 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 **20.07.2023** upto 12:00 Noon and tenders form will be issued on **21.07.2023** 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	RRD on Slapper Tattapani road KM 0/0 to 66/0 (SH: Removal of slips at various reaches between KM 15/155 to 15/220, 15/510 to 15/545, 15/700 to 15/760 and 16/250 to 16/304)	497788	10,000	One Month	Class - D	350/-
2	RRD on Sehli School to Chahri road KM 0/0 to 15/300 (SH: C/o B/wall at RD 12/235 to 12/250).	292124	6,000	Two Month	Class-D	350/-
3	S/R to XEN residence at Sundernagar, Distt. Mandi (HP) (SH: Painting, distempering inside and outside)	94265	2,000	Two Month	Class-D	350/-
4	RRD on Jarol Behna road KM 7/0 to 16/780 (SH: Hiring of JCB for removal of slips and road side debris in various RDs 7/0 to 16/780)	196880	4,000	Two Month	Class-D	350
5	C/o Jawahar Lal Nehru Govt. Engineering College at Sundernagar (SH: P/F collapsible steel gate)	99145	2,000	Two Month	Class-D	350/-
6	Restoration of rain damages on Slapper Tattapani road Km 0/0 to 68/0 (SH: Removal of slips in KM 31/0 to 36/600)	485000	10,000	Two Month	Class-D	350/-
7	S/R Residential Quarter at Housing Board Colony at Sundernagar (SH: Repair of WS&SI)	170226	3,500	Three Month	Class-D	350/-
8	C/o link rod from Khurahl to Suin KM 0/0 to 3/100 (SH: C/o RCC hum epipe culvert at RD 2/540 with wing wall at RD 2/535 to 2/539 and 2/541 to 2/545)	220099	4,500	Three Month	Class - D	350/-
9	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 9/300)	176550	3,600	Two Month	Class -D	350/-
10	C/o Jawahar Lal Nehru Govt. Engineering College at Sundernagar (SH: P/F LPG pipeline fitting in Modular kitchen of Boy's Hostel building).	135528	3,000	Two Month	Class-D	350/-
11	RRD on various roads under Suket Sub Division in Maloh Section (SH: Hiring of Tipper for carriage of different material at varios KMs)	167750	3,500	Two Month	Class-D	350/-
12	RRD on Slapper Serikothi road KM 0/0 to 18/0 (SH: Hiring of JCB for removal of slips and road side debris inv arious RDs 0/0 to 18/0).	199020	4,000	Two Month	Class-D	350/-

13	Restoration of road damages due to laying of under ground optical fibre cable by digital fiber Ltd on Jarol Behna road portion KM 7/0 to 16/780 (SH: C/o R/wall at RD 14/950 to 14/957)	110711	2,500	Two Month	Class-D	350/-
14	RRD on Jachh Pressi Pangna road KM 0/0 to 20/0 (SH: Hiring of JCB for removal of slips and road side debris in Km 10/0 to 16/0).	199020	4,000	Two Month	Class-D	350/-
15	C/o Link road Baroti to Katehan Km 0/0 to 2/500 (SH: Prov. and laying Grading-I at RD 0/0 to 0/350) SCDP.	432242	9,000/-	Three Month	Class-D	350/-
16	Restoration of rain damages on Slapper Tattapani road Km 0/0 to 68/0 (SH: Removal of slips in KM 56/600 to 59/00)	494180	10,000	Two Month	Class-D	350/-
17	C/o Jawahar Lal Nehru Govt. Engineering College at Sundernagar (SH: P/F composite penal and writing plates in Boy's Hostel).	233136	5,000	Two Month	Class-D	350/-
18	Restoration of road damages due to laying of under ground optical fibre cable by digital fiber Ltd on Jarol Behna road portion KM 7/0 to 16/780 (SH: C/o R/wall at RD 8/575 to 8/587).	185281	4,000	Two Month	Class-D	350/-
19	RRD on Pandar Tattapani road KM 0/0 to 12/0 (SH: C/o R/wall at RD 8/620 to 8/630)	293276	6,000	Three Month	Class-D	350/-
20	RRD on various roads under Suket Sub Division in Maloh Section (SH: Hiring of JCB for removal of slips and road side debris at various RDs)	171200	3,500	Two Month	Class - D	350/-
21	C/o Jawahar Lal Nehru Govt. Engineering College at Sundernagar (SH: Painting and maintenance work of college building).	154132	3,100	Two Month	Class -D	350/-
22	Restoration of rain damages on Slapper Tattapani road Km 0/0 to 68/0 (SH: Removal of slips in KM 43/0 to 49/00)	494000	10,000	Two Month	Class-D	350/-
23	A/R & M/O Chanol Samon road KM 0/0 to 8/300 (SH: C/o B/wall at RD 6/526 to 6/534)	90601	2,000	Two Month	Class-D	350/-
24	RRD on various roads in Kapahi Section under Suket Sub Division (SH: Hiring of JCB for removal of slips at various RDs)	160500	3,500	Two Month	Class-D	350/-
25	C/o Jawahar Lal Nehru Govt. Engineering College at Sundernagar (SH: C/o R/wall at RD 0/136 to 0/166).	327147	7,000	Two Month	Class-D	350/-
26	A/R & M/O to Civil Court building at Sundernagar (SH: Paintig, distempering inside & WS&SI)	242291	5,000	Two Month	Class-D	350/-
27	RRD on Jachh Pressi Pangna road KM 0/0 to 20/0 (SH: Removal of slips, repair of earthen shoulder and C/o unlined drain in KM 16/0 to 20/0).	249200	5,000	Two Month	Class-D	350/-
28	A/R & M/O to link road from Bahot to Nahungi via Saghi (SH: Providing and laying interlocking paver at RD 1/160 to 1/250).	491240	10,000	Three Month	Class-D	350/-
29	Restoration of rain damages on Slapper Tattapani road Km 0/0 to 68/0 (SH: Removal of slips in KM 36/600 to 43/00)	467000	9,500	Two Month	Class-D	350/-

30	Restoration of road damages due to laying of under ground optical fibre cable by digital fiber Ltd on Jarol Behna road portion KM 7/0 to 16/780 (SH: C/o R/wall at RD 8/446 to 8/458).	188649	4,000	Two Month	Class-D	350/-
31	RRD on various roads under Suket Sub Division in Ghangnoo Section (SH: Hiring of JCB for removal of slips and road side debris at various RDs)	171200	3,500	Two Month	Class-D	350/-
32	RRD on Bhawana Maloh road KM 0/0 to 10/0 (SH: C/o R/wall at RD 9/360 to 9/375).	228435	5,000	Two Month	Class-D	350/-
33	A/R & M/O various road under Nihri Sub Division HPPWD Nihri (SH: Supply and stacking dual directional rectangular delinators for road side with plastic head unbreakable at neck) Job No.I.	246340	5,000	Two Month	Class-D	350/-
34	RRD on various roads under Nihri Sub Division HPPWD Nihri (Janoul Section) (SH: Hiring of JCB for removal of slips and road side debris in various RDs)	155150	3,200	Two Month	Class-D	350/-
35	A/R & M/O Jarol Behna road KM 7/0 to 16/600 (SH: Providing and fixing steel railing bridge at RD 7/290)	201777	4,200	Two Month	Class-D	350/-
36	RRD on link road to village Bhanwar KM 0/0 to 3/0 (SH: C/o R/wall at RD 1/780 to 1/796)	239097	5,000	Three Month	Class-D	350/-
37	RRD on Dhawal Batwara road KM 0/0 to 11/300 (SH: Hiring of JCB for removal of slips and road side debris in various RDs 0/0 to 11/300).	194740	4,000	Two Month	Class-D	350/-
38	A/R & M/O on Alsoo Sohar via Jambla road Km 0/0 to 8/900 (SH: C/o B/wall at RD 6/070 to 6/082).	99835	2,000	Two Month	Class-D	350/-
39	RRD on Bhawana Maloh road KM 0/0 to 10/0 (SH: C/o R/wall at RD 9/228 to 9/238).	251102	5100	Three Month	Class-D	350/-
40	RRD on Pungh Ghangnoo road KM 00 to 19/0 (SH: Hiring of JCB for removal of slips and road side debris at various RDs)	171200	3500	Two Month	Class-D	350/-
41	RRD on various roads under Suket Sub Division in Ghangnoo Section (SH: Hiring of Tipper for carriag eof different material at varios KMs).	183000	4,000	Two Month	Class-D	350/-
42	C/o Approach road to staff quarters & Hostels in Govt. Polytechnic College Sundernagar (SH: P/L RCC pavement road to quarters on road parts (3), (4), (5) & (6).	484670	10,000	Three Month	Class-D	350/-
43	RRD on various roads under Nihri Sub Division HPPWD Nihri (Rohanda Section) (SH: Hiring of JCB for removal of slips and road side debris in various RDs)	165850	3,500	Two Month	Class-D	350/-
44	RRD on Karangal Kinder road Km 0/0 to 15/0 (SH: Hiring of JCB for removal of slips and road side debris in Km 10/0 to 15/0)	199020	4,000	Two Month	Class-D	350/-
45	Repair maintenance eof Ayurvedic Health Centre wih residence at Kamand in Distt. Mandi (HP) (SH: C/o Toilet at First floor) JobNo.I.	453889	10,000	Three Month	Class-D	350/-


46	RRD on various roads under PIU Sub Division HPPWD Dehar (Dhawal Section) (SH: Hiring of Tipper for carriage of different material).	183000	4,000	Two Month	Class-D	350/-
47	A/R & M/O various road under Nihri Sub Division HPPWD Nihri (SH: Supply and stacking dual directional rectangular delinators for road side with plastic head unbreakable at neck) Job No.II.	246340	5,000	Two Month	Class-D	350/-
48	Restoration of damages due to laying under ground optical fiber cable by Digital fiber ltd. On Link road DrauraDhar Mata Mandir Km 0/0 to 1/500 (SH: C/o edge wall at RD 1/280 to 1/293.60 and C/o R/wall at RD 1/298 to 1/208) Deposit work	287236	6,000	Three Month	Class-D	350/-
49	RRD on Kangoo Dehar Triphalghat road KM 0/0 to 21/400 (SH : Hiring of JCB for removal of slips and road side debris in various RDs)	199020	4,000	Two Month	Class-D	350/-
50	RRD on various roads under Nihri Sub Division HPPWD Nihri (Nihri Section) (SH: Hiring of JCB for removal of slips and road side debris in various RDs)	155150	3,200	Two Month	Class-D	350/-
51	RRD on Sundernagar Meramasit via Dharanda road KM 0/0 to 5/810 (SH: Hiring of JCB for removal of slips, dressing of berms and clearance of unlined drain at KM 0/0 to 5/810).	169060	3,500	Two Month	Class-D	350/-
52	Restoration of rain damages on Slapper Tattapani road Km 0/0 to 68/0 (SH: Removal of slips in KM 49/600 to 56/600)	476000	10,000	Two Month	Class-D	350/-
53	Repair maintenance eof Ayurvedic Health Centre wih residence at Kamand in Distt. Mandi (HP) (SH: C/o Toilet at First floor) JobNo.II.	277581	6,000	Three Month	Class-D	350/-
54	RRD on Karangal Kinder road Km 0/0 to 15/0 (SH: Hiring of JCB for removal of slips and road side debris in Km 0/0 to 5/0)	196800	4,000	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.**

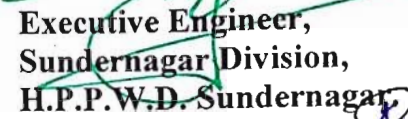
No: - PW/SNR-E-Tender/Giriraj/2023-

4176-85

Dated: 11 .07.2023

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@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

Estimate Cost: Rs.4,97,788/- only
Earnest Money: Rs. 10,000/- only

Time : One month

Name of Work :- RRD on Slapper to Tattapani road km 0/0 to 66/00 (SH:- Removal of slips at various reaches between km 15//155 to 15/220, 15/510 to 15/545, 15/700 to 15/760 and 16/250 to 16/304)

S. No.	Sub Head and item of work	Qty.	Rate in		Unit	Amount
			Figure	Word		
1	Removal of slips in all kinds of soil including saturated soil but excluding boulders and rocky portion requiring blasting upto a distance of 20 metres disposing of un-serviceable materials stacking serviceable materials and neatly dressing the surface. including in all lead and lift and other incidental.	5530.98 cum			per cubic metre	
				Total		


Executive Engineer,
Sunder Nagar Division,
HPPWD Sunder Nagar.

SCHEDULE OF QUANTITY

Estimate Cost: Rs. 1,92,124/- only
Earnest Money: Rs 6,000/- only

Time : Two Months

Name of Work:- RRD on Sehli School to Chahri road km 0/0 to 15/300 km 0/0 to 5/810 (SH:- C/o B/ wall at RD. 12/235 to 12/250)

S. No.	Sub Head and item of work	Qty	Rate in		Unit	Amount
			Figure	Word		
1	Excavation in soil in hilly area by mechanical means including cutting and trimming of side slopes and disposing of excavated earth with all lifts and lead upto any metres. within all leads, lifts and carriage of materials and other incidentals.	19.05 cum			Per Cubic metre	
2	Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, backfilling the excavation earth to the extent required and utilising the remaining earth locally for road work within all leads, lifts and carriage of materials and other incidentals.	15.75 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 (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.	70.05 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.	20.00 Nos			Each	
					Total	

Executive Engineer,
Sunder Nagar Division,
HPPWD Sunder Nagar.

SCHEDULE OF QUANTITY

Name of work :- S/R to XEN residence at Sundernagar Distt. Mandi (SH:- Painting , distempering inside & Outside).

Estimate Cost :Rs.94,265/-only
Earnest Money: Rs.2000/- only
Time : One Month

S.No	Sub Head and Items of Work	Quantity	Rate		Unit	Amount
			In word	In figure		
1	2	3	4	5	6	
1	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete with in all leads lifts and carriage of materials and other incidentals.	151.55	Sqm		Per Square metre	
2	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. with in all leads lifts and carriage of materials and other incidentals.	151.55	Sqm		Per Square metre	
3	Distempering with 1st quality acrylic distemper (ready made) having VOC content less than 50 gm per ltr. Of approved manufacturer and of required shade and colour complete. as per manufacturer's specification One or more coats on old work with in all leads lifts and carriage of materials and other incidentals.	378.87	Sqm		Per Square metre	
4	Finishing walls with water proofing cement paint of required shade Old work (one or more coats @ 2.20 kg/10 sqm) complete with in all leads lifts and carriage of materials and other incidentals.	225.97	Sqm		Per Square metre	
5	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade One or more coats on old work with in all leads lifts and carriage of materials and other incidentals.	265.13	Sqm		Per Square metre	
6	Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade Old work (one or more coats) with in all leads lifts and carriage of materials and other incidentals.	307.25	Sqm		Per Square metre	
					Total	

Executive Engineer,
Sunder Nagar Division,
HPPWD Sunder Nagar

SCHEDULE OF QUANTITY

Estimated Cost Rs. 1,96,880- only

Earnest Money Rs.4000/- only

Time: Two months

Name of Work :- RRD on Jarol Behna road km 7/0 to 16/780 (Shr. Hiring of ICB for removal of Slips and road side debris in various RDs. 7/0 to 16/780)

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.	184.00	Hours		Per Hours	
Total:-						

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

Schedule of Quantity

Estimate Cost Rs. 99,145/- only
Earnest Money Rs. 2000 /- only

Time : one Month

Name of work :- C/o Jawahar Lal Nehru Govt. Engineering College at Sundernagar. (SH: - P/F Collapsible steel Gate

S.No		Qty.	Rate		Unit	Amount
			In Figure	In word		
1.0	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer as per direction of Engineer-in-charge including carriage of materials with in all leads, lifts and other incidentals.	12.55			Per square metre	
					Total	

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

SCHEDULE OF QUANTITY

Estimate Cost: Rs. 4,85,000/- only

Earnest Money: Rs 10,000/- only

Time :- Two month

Name of Work :- Restoration of Rain damages on Slapper to Tattapani road Km 0/00 to 68/00 (SH:- Removal of Slips in Km 31/00 to 36/600)

S. No.	Sub Head and item of work	Qty.	Rate in		Unit	Amount
			Figure	Word		
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slops and disposal of cut material with in lift upto 1.5m and lead upto 1000m as per technical specification 302.3.5 and 1611.	5388.89 Cum			Per Cubic Metre	
					Total	


Executive Engineer,
Sunder Nagar Division,
HPPWD Sunder Nagar.

SCHEDULE OF QUANTITY

Name of work :- S/R to Residential Quarter at Housing Board colony at Sundernagar Distt. Mandi (SH:- Repair of w.S & S.I).

Estimate Cost :Rs.1,70,226/-only
Earnest Money: Rs.3500/- only
Time : One Month

S.No	Sub Head and Items of Work	Quantity		Rate		Unit	Amount
		3		In word	In figure		
1	2	3		4		5	6
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m All kind of soil with in all leads lifts and carriage of materials and other incidentals.	9.74	cum			Per cubic metre	
2	Boulder filling dry hand packed under floor with in all leads lifts and carriage of materials and other incidentals.	4.43	cum			Per cubic metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:3:6 (1 Cement : 3 coarse sand): 6 graded stone aggregate 40 mm nominal size) with in all leads lifts and carriage of materials and other incidentals.	4.87	cum			Per cubic metre	
4	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 75 mm nominal inner dia Pipes with in all leads lifts and carriage of materials and other incidentals.	50.00	Rmt			Per Running metre	

5	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 100 mm nominal inner dia Pipes with in all leads lifts and carriage of materials and other incidentals.	135.00	Rmt				Per Running metre	
							Total	


 Executive Engineer,
 Sunder Nagar Division,
 HPPWD Sunder Nagar

SCHEDULE OF QUANTITY


Estimate Cost: Rs. 2,20,099/- only
Earnest Money: Rs 5,000 /- only

Time : Three month

Name of Work :- C/o Link road from Khurahal to Suin km 0/0 to 3/100 (SH:- C/o RCC hume pipe culvert at RD. 2/540 with wing wall at RD. 2/535 to 2/539 & 2/541 to 2/545)

S. No.	Sub Head and item of work	Qty.	Rate in		Unit	Amount
			Figure	Word		
1	Excavation in soil in hilly area by manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any metre and a lead upto any metre within all leads, lifts and carriage of materials and other incidentals.	4.54 cum			per Cubic metre	
2	Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, backfilling the excavation earth to the extent required and utilising the remaining earth locally for road work within all leads, lifts and carriage of materials and other incidentals.	40.53 cum			Per Cubic metre	
3	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	1.65 cum			per Cubic metre	
4	Providing and laying cement concrete 1:6:12 (one cement : six sand twelve graded crushed stone aggregate 40mm (forty millimeter) size for plain / reinforced concrete in open foundation complete as per drawings and technical specification clause 802,803,1202 & 1203 M10 within all leads, lifts and carriage of materials and other incidentals.	1.13 cum			per Cubic metre	
5	Stone masonry work in cement mortar in cement mortar in foundation complete as per drawing and technical specification clauses 702, 704, 1202 and 1203. Coursed rubble masonry (1st sort) in cement mortar 1:4. (one cement : four sand) within all leads, lifts and carriage of materials and other incidentals.	8.86 cum			per Cubic metre	

6	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.	30.58	cum			per Cubic metre	
7	Providing and laying reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 (one cement : two sand) but excluding excavation , protection work, back filling concrete and masonry work in head walls and parapets clause 1108.900mm (nine hundred millimeter) dia within all leads , lifts and carriage of materials and other incidentals.	7.50	Rmt			per Running metre	
8	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.	7.64	Nos			per Cubic metre	
9	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.	14.00	Nos			Each	
				Total			


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

SCHEDULE OF QUANTITY

Name of work: -

RRD on Pungth 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 9/300)

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 =						

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

Schedule of Quantity

Estimate Cost Rs. 1,35,528 /- only

Earnest Money Rs. 3,000 /- only

Time : Two Months

Name Of work :- C/O Jawahar Lal Nehru Government Engineering College at Sunder nagar. (SH:- Providing and Fixing LPG pipe line fitting in Modular kitchen of Boys Hostel building).

S.No	Sub Head and Items of Work	Quantity	Rate		Unit	Amount
			In figure	In words		
1	2	3	4	5	6	7
1	Providing and fixing MS pipe ,bull nut set and MS socket along with gas welding and clamps for LPG pipe line fitting as per approved brand ,drawing and standard specifications to be installed by the manufacture/supplier or their authorised representative ensuring compliance to the manufactures instructions for installation including cost of transportation and fixing charges complete as per entire satisfaction of Engineer in charge.	45.00	RMT		Per running metre	
2	Providing and fixing MAINFOLD 5 way for LPG pipe fitting as per approved brand ,drawing and standard specifications to be installed by the manufacture/supplier or their authorised representative ensuring compliance to the manufactures instructions for installation including cost of transportation and fixing charges complete as per entire satisfaction of Engineer in charge.	2.00	each		Each	

3	Providing and fixing Main Wheel as per approved brand ,drawing and standard specifications to be installed by the manufacture/supplier or their authorised representative ensuring compliance to the manufactures instructions for installation including cost of transportation and fixing charges complete as per entire satisfaction of Engineer in charge.	2.00	each				Each	
4	Providing and fixing Non Returning Valve N.R.V. for gas pipe fitting as per approved brand ,drawing and standard specifications to be installed by the manufacture/supplier or their authorised representative ensuring compliance to the manufactures instructions for installation including cost of transportation and fixing charges complete as per entire satisfaction of Engineer in charge.	10.00	each				Each	
5	Providing and fixing Hydraulic picktail 0.5x0.5 inch as per approved brand ,drawing and standard specifications to be installed by the manufacture/supplier or their authorised representative ensuring compliance to the manufactures instructions for installation including cost of transportation and fixing charges complete as per entire satisfaction of Engineer in charge.	10.00	each				Each	
6	Providing and fixing Adopter as per approved brand ,drawing and standard specifications to be installed by the manufacture/supplier or their authorised representative ensuring compliance to the manufactures instructions for installation including cost of transportation and fixing charges complete as per entire satisfaction of Engineer in charge.	10	each				Each	

7	Providing and fixing Main supplier for LPG pipe line fitting as per approved brand ,drawing and standard specifications to be installed by the manufacture/supplier or their authorised representative ensuring compliance to the manufactures instructions for installation including cost of transportation and fixing charges complete as per entire satisfaction of Engineer in charge.	2	each			Each	
8	Providing and fixing Main lock for gas pipe fitting as per approved brand ,drawing and standard specifications to be installed by the manufacture/supplier or their authorised representative ensuring compliance to the manufactures instructions for installation including cost of transportation and fixing charges complete as per entire satisfaction of Engineer in charge.	2	each			Each	
9	Providing and fixing corke wheel 3/8inch as per approved brand ,drawing and standard specifications to be installed by the manufacture/supplier or their authorised representative ensuring compliance to the manufactures instructions for installation including cost of transportation and fixing charges complete as per entire satisfaction of Engineer in charge.	10	each			Each	

10	Providing and fixing Hydraulic picktail 3/8x3/8 inch for LPG pipe fitting as per approved brand ,drawing and standard specifications to be installed by the manufacture/supplier or their authorised representative ensuring compliance to the manufactures instructions for installation including cost of transportation and fixing charges complete as per entire satisfaction of Engineer in charge.	8	each				Each	
11	Providing and fixing Mainifold clamp for LPG pipe line fitting as per approved brand ,drawing and standard specifications to be installed by the manufacture/supplier or their authorised representative ensuring compliance to the manufactures instructions for installation including cost of transportation and fixing charges complete as per entire satisfaction of Engineer in charge.	6	each				Each	
							TOTAL	


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

SCHEDULE OF QUANTITY

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

Estimated cost: - Rs. 167750/- only
Earnest money: - Rs. 3400/- 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.

SCHEDULE OF QUANTITY

Earnest Money Rs.4000/- only

Time: Two months

Name of Work :- RRD on Slapper Serikothi road km 0/0 to 18/0 (Sh:- Hiring of JCB for removal of Slips and road side debris in various RDs. 0/00 to 18/0)	Earnest Money Rs.4000/- 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.	186.00	Hours			Per Hours	
Total:-							

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

SCHEDULE OF QUANTITY

Name of Work :- Restoration of road damages due to laying of under ground optical fiber cable by digital fiber Ltd. on Jarol to Behna road portion km 7/0 to 16/780 (SH:- C/o R/ wall at RD. No. 14/950 to 14/957)

Estimate Cost: Rs. 1,10,711/- only
Earnest Money: Rs 2500/- 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.	14.32			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.	24.86			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.	4.55			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.	10.00			Each	
					Total	


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

SCHEDULE OF QUANTITY

Name of Work :- RRD on Jachh Pressi Pangana road Km 0/0 to 20/0 (SH:-Sh:- Hiring of JCB for removal of Slips and road side debris in to 16/0)

Estimated Cost Rs.1,99,020/- only
Earnest Money Rs.4000/- only
Time : Two months
RDs. 10/0

Sr. No.	Description of item	Qty.	Hours	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.	186.00				Per Hours	
	Total:-						

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

SCHEDULE OF QUANTITY


Estimated cost Rs. 4,32,242/- only

Earnest Money Rs. 9,000/- Only

Time : Three Month

Name of work :- ~~C/O Jank~~ road Baroti to Katehan km 0/00 to 2/500 (SH:- Providing and laying grading -1 at RD . 0/00 to 0/350) (SCDP)

S.No.	Description of items	Quantity	Rate		Unit	Amount
			in figure	in word		
1	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth with lead upto 50 metres including all leads, lifts of material and other incidentals.	1231.13			Per Square metre	
2	Providing, Laying, spreading and compacting stone aggregates of specific sizes 90 to 45 mm (Ninety to forty five millimetre) to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, stone screening/ binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading -1 as per Technical specification Clause 405 (By manual . means) including all leads, lifts of material and other incidentals.	123.11			Per cubic metre	
					Total	


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

SCHEDULE OF QUANTITY

Name of Work :- Restoration of Rain damages on Slapper to Tattapani road Km 0/00 to 68/00
 Removal of Slips in Km 56/600 to 59/00) (SH:-

Estimate Cost: Rs. 4,94,180/- only
 Earnest Money: Rs 10,000/- only
 Time :- Two month

S. No.	Sub Head and item of work	Qty.	Rate in		Unit	Amount
			Figure	Word		
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slops and disposal of cut material with in lift upto 1.5m and lead upto 1000m as per technical specification 302.3.5 and 1611.	5490.89 Cum			Per Cubic Metre	
					Total	


Executive Engineer,
Sunder Nagar Division,
HPPWD Sunder Nagar.

Schedule of Quantity

Estimate Cost Rs.233136 /- only
Earnest Money Rs. 4800 /- only

Time : one Month

Name of work :- C/o Jawahar Lal Nehru Govt. Engineering College at Sundernagar. (SH:- Providing and fixing composite penal & writing plates in Boy's Hostel)

S.No		Qty.	Rate		Unit	Amount
			In Figure	In word		
1.0	Providing and fixing plastic/ aluminum composite penal sheet cutting with rougher machine upnyle tapa writing plates for informatory board atc. as per direction of Engineer-in-charge including carriage of materials with in all leads, lifts and other incidentals.	12952.00	sq		Per sq inches	
					Total	


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

SCHEDULE OF QUANTITY

Name of Work :- Restoration of road damages due to laying of under ground optical fiber cable by digital fiber Ltd. on Jarol to Behna road portion km 7/0 to 16/780 (SH:- C/o R/ wall at RD. 8/575 to 8/587)

Estimate Cost: Rs. 1,85,281/- only
Earnest Money: Rs 4,000/- 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.	25.08 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.	42.62 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.	6.12 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.	16.00 Nos			Each	
					Total	


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

SCHEDULE OF QUANTITY

Name of Work :- RRD on Pandar Tattapani road km 0/00 to 12/00 (SH:- C/O R/wall at RD. 8/620 to 8/630)

Estimate Cost Rs. 2,53,276/- only
Earnest Money: Rs 6,000 /- only
Time : Three months

S. No.	Sub Head and item of work	Qty	Rate in		Unit	Amount
			Figure	Word		
1	Earth work in excavation all kinds of soil by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding any metre in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto any metre, including getting out the excavated soil and disposal of surplus excavated soil within all leads, lifts and carriage of materials and other incidentals..	24.30 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.	25.43 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.	37.65 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.	15.60 cum			Each	
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 incidentals.	17.00 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 Suket Sub-Division HPPWD Sundernagar (Maloh Section)
(SH:- Hiring of J.C.B. for removal of slips and road side debris at various RDs)

Estimated cost Rs: - 171200/-
Earnest money Rs:-3500/-
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.	160 Hrs			Per Hours	
TOTAL =						


Executive Engineer,
Sunder Nagar Division,
HPPWD Sunder Nagar.

Schedule of Quantity


Estimate Cost Rs. 1,54,132 /- only
Earnest Money Rs. 3500 /- only

Time : Two Months

Name Of work :- C/O Jawahar Lal Nehru Government Engineering College at Sunder nagar.(SH:- Painting and Maintenance work of College Building)

S.No	Sub Head and Items of Work	Quantity	Rate		Unit	Amount
			In figure	In words		
1	2	3	4	5	6	7
1	Providing and laying Double charged tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (one cement: three coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete. as per direction of Engineer in charge.	3.6 sqm			Per square metre	
2	Providing and fixing 10x10x6 cm cobble stone ,delhi stone color,agra red or unistone dressed on top,for paving in floors,drains etc.laid over 20mm thik base motar 1:3 (1cement:3sand) with joints 10mm wide filled with same motar including ruled pointing etc complete as per direction of Engineer in charge.	29.19 sqm			Per square metre	

3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (one Cement : three coarse sand) : six graded stone aggregate 20 mm nominal size) as per direction of Engineer in charge.	1.89	cum				Per cubic metre	
4	Floor painting with floor enamel paint of approved brand and manufacture of required colour to give an even shade as per direction of Engineer in charge.	493.94	sqm				Per square metre	
							TOTAL	


 Executive Engineer,
 Sunder Nagar Division,
 HPPWD Sunder Nagar.

SCHEDULE OF QUANTITY

Name of Work :- Restoration of Rain damages on Slapper to Tattapani road Km 0/00 to 68/00
 Removal of Slips in Km 43/00 to 49/00) (SH:-

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

S. No.	Sub Head and item of work	Qty.	Rate in		Unit	Amount
			Figure	Word		
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut material with in lift upto 1.5m and lead upto 1000m as per technical specification 302.3.5 and 1611.	5488.89 Cum			Per Cubic Metre	
					Total	


 Executive Engineer,
 Sunder Nagar Division
 HPPWD Sunder Nagar.

SCHEDULE OF QUANTITY

Name of Work :- A/R & M/O on Chanol to Samon road km 0/00 to 8/300 (SH:- C/o B/wall at RD. 6/526 to 6/534)

Estimate Cost: Rs. 90,601/- only
Earnest Money: Rs 2000/- only
Time : One month

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 .	10.40 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 .	21.44 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 .	8.00 Nos			Each	
					Total	

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

SCHEDULE OF QUANTITY

Name of work: - RRD on various road in Bhariwanoo Section under Suket Sub-Division.
(SH:- Hiring of J.C.B. for Removal of slips at various Rd's)

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 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 6 hours from 9.00 AM to 5.00 PM. daily and remove at least 45 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,
Sunder Nagar Division,
APPWD Sunder Nagar.

SCHEDULE OF QUANTITY

Estimate Cost: Rs. 3,27,147/- only
Earnest Money: Rs 7,000/- only
Time : Two months

Name of Work :- C/o approach road to JNGEC Sundernagar (SH:- C/o R/ wall at RD. 0/136 to 0/166)

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.	34.20 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.	73.50 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.	42.00 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.	14.70 cum			Per Cubic metre	
					Total	


Executive Engineer,
Sunder Nagar Division,
HPPWD Sunder Nagar


SCHEDULE OF QUANTITY

Estimate Cost :Rs.2,42,291/-only
Earnest Money: Rs.5000/- only
Time : One Month

Name of work :- A/R & M/O to Civil Court building at Sundernagar Distt. Mandi HP. (SH:- Painting , distempering inside & WS & SI).

S.No	Sub Head and Items of Work	Quantity	Rate		Unit	Amount
			In word	In figure		
1	2	3	4	5	6	
1	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete with in all leads lifts and carriage of materials and other incidentals.	1064.52	Sqm		Per Square metre	
2	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. with in all leads lifts and carriage of materials and other incidentals.	608.3	Sqm		Per Square metre	
3	Distempering with 1st quality acrylic distemper (ready made) having VOC content less than 50 gm per ltr. Of approved manufacturer and of required shade and colour complete. as per manufacturer's specification One or more coats on old work with in all leads lifts and carriage of materials and other incidentals.	1520.74	Sqm		Per Square metre	
4	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade One or more coats on old work with in all leads lifts and carriage of materials and other incidentals.	341.03	Sqm		Per Square metre	
5	Finishing walls with Acrylic Smooth exterior paint of required shade New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm) with in all leads lifts and carriage of materials and other incidentals.	183.45	Sqm		Per Square metre	
6	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty: Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm) with in all leads lifts and carriage of materials and other incidentals.	5.04	Sqm		Per Square metre	

7	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge. With cement mortar 1:4 (1 cement : 4 fine sand) with in all leads lifts and carriage of materials and other incidentals.	21.84	Sqm				Per Square metre	
							Total	


 Executive Engineer,
 Sunder Nagar Division,
 HPPWD Sunder Nagar


SCHEDULE OF QUANTITY

Estimate Cost: Rs. 249200- only
Earnest Money: Rs 5000/- only

Time: two month

Name of Work :- RR Damage on Jachh Pressi Pangana Raod km 0/0 to 20/0 (SH:- Removal of slip, Repair of earthen shoulder and Construction of unlined drain in km 16/0 to 20/0)

S. No.	Sub Head and item of work	Qty.	Rate in	Unit	Amount
			Figure	Word	
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slops and disposal of cut material with in lift and lead any metre as per technical specification 302.3.5 and 1611. within all leads , lifts and carriage of materials and other incidentals .	600.00	cum	Per cubic metre	
2	Making up loss of material/irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC upto a lead any metre as per technical specification Clause 1903 within all leads , lifts and carriage of materials and other incidentals .	3100.00	sqm.	Per square metre	
3	Construction of unlined surface drains of average cross-sectional area any 0.40 square metre in soil to specified lines, grades, levels and dimensions. Excavated material to be used in embankment with a lift and lead any metre as per Technical Specification Clause 307. mech. means within all leads , lifts and carriage of materials and other incidentals .	990.00	Rmt	Per running metre	
	Total				


 Executive Engineer,
 Sunder Nagar Division,
 HPPWD Sunder Nagar.

SCHEDULE OF QUANTITY

Estimate Cost: Rs. 4,91,240/- only

Earnest Money: Rs 10,000/- only

Time : Three months

Name of Work :- A/R & M/O to Link road from Bahot to Naughi via saghi Tehsil Sundernagar Distt. Mandi (HP)
SH:- Providing and laying interlocking Paver at RD. 1/ 160 to 1/250).

S. No.	Sub Head and item of work	Qty.	Rate in		Unit	Amount
			Figure	Word		
1	Plain cement concrete 1:3:6 (one cement : three coarse sand : six graded stone aggregate 20 mm (twenty millimetre) nominal size) nominal mix in foundation with crushed stone aggregate 40 mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days.including carriage of materials with in all leads, lifts and other incidentals.	15.16 cum			Per Cubic Metre	
2	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand, complete 80 mm thick C.C. paver block of M-40 grade with approved color design and patternall as per direction of Engineer-in- Charge. within all leads , lifts and carriage of materials and other incidentals ..	270.00 sqm			per square metre	
					Total	


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

SCHEDULE OF QUANTITY

Name of Work :- Restoration of Rain damages on Slapper to Tattapani road Km 0/00 to 68/00 (SH:-
Removal of Slips in Km 36/600 to 43/00)

Estimate Cost: Rs. 4,67,000/- only
Earnest Money: Rs 10,000/- only
Time :- Two month

S. No.	Sub Head and item of work	Qty.	Rate in		Unit	Amount
			Figure	Word		
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slips and disposal of cut material with in lift upto 1.5m and lead upto 1000m as per technical specification 302.3.5 and 1611.	5188.89 Cum			Per Cubic Metre	
					Total	


Executive Engineer,
Sunder Nagar Division,
HPPWD Sunder Nagar

SCHEDULE OF QUANTITY

Name of Work:- Restoration of road damages due to laying of under ground optical fiber cable by digital fiber Ltd. on Jarol to Behna road portion km 7/0 to 16/780 (SH:- C/o R/ wall at RD. 8/446 to 8/458)

Estimate Cost: Rs. 1,82,649/- only
Earnest Money: Rs 4000/- 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.	24.06		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.	42.62		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.	7.26		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.	16.00		Each	
				Total	


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

SCHEDULE OF QUANTITY

Name of work: - RRD on Punguh Changanoo Road Km 0/0 to 19/0
(SIH:- Hiring of J.C.B. for removal of slips and road side debris at various RDs)

Estimated cost Rs: - 171200/-
Earnest money Rs:-3500/-
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.	160 Hrs			Per Hours	
TOTAL =						


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

SCHEDULE OF QUANTITY

Estimate Cost: Rs. 2,28,435/- only
 Earnest Money: Rs 5,000/- only
 Time : Three Months

Name of Work:- RRD on Bhawana Maloh km 0/0 to 10/00 (SH:-C/o R/ wall at RD. 9/360 to 9/375)

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.	41.25 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.	53.26 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.	20.00 Nos			Each	
					Total	


Executive Engineer,
Sunder Nagar Division,
HPPWD Sunder Nagar

SCHEDULE OF QUANTITY

Estimate Cost: Rs. 2,46,340/- only

Earnest Money: Rs 5,000/- only

Time : One month

Name of Work :- A/R & M/O various road under Nihri Sub Division HPPWD Nihri (SH:- Supply and stacking dual directional rectangular Delineators for road side with plastic Head unbreakable at Neck). Job-1

S. No.	Sub Head and item of work	Qty.	Rate in		Unit	Amount
			Figure	Ward		
1	Supply and stacking F.O.R at site dual directional delineator made one of dia M.S pipe 60 mm dia of size 75x 75 mm and length 600 mm pipe stove enamelled and baked to 120 c/powder coated head made of ABS plastic rectangular moulded with flat face provided with high intensity prismatic reflectors of colour (yellow) of size 100x125 mm with additional to reflective strips of 20mm wide make greens / lite including carriage of materials, with in all leads lifts as per direction of Engineer - in - charge .	226.00 No.			Each	
					Total	


Executive Engineer,
 Sunder Nagar Division,
 H.P.W.D. Sunder Nagar.
1/10

SCHEDULE OF QUANTITY

Estimated Cost Rs.1,55,150/- only

Earnest Money Rs.4000/- only

Time : Two months

(SH:-Hiring of

Name of Work :- RRD on various roads under Sub Division HP PWD Nihri (Janoul Section)
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 duly verified by the Engineer-in charge.	145.00	Hours		Per Hours	
Total:-						


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


SCHEDULE OF QUANTITY

Estimated cost Rs. 2,01,777/- only
Earnest Money Rs.4500/- Only
Time : Two Month

Name of work :- A/R & M/O Jarol to Behna road km 7/00 to 16/600 (SH:- Providing and fixing steel railing bridge at RD.7/290)

S.No	Description of items	Qty.	Rate		Unit	Amount
			in figure	in word		
1	Providing concrete for plain / reinforced concrete in open foundation complete as per drawing and technical specification clause 802,803,1202 & 1203 including carriage of materials with in all leads, lifts and other incidentals.	8.10 cum			Per cubic metre	
2	Supplying fitting and placing HYSD bar reinforcement in super structure complete as per drawing and technical specification clauses 1002, 1010 and 1202 including carriage of materials with in all leads, lifts and other incidentals.	364.80 kg			Per kilo gram	
3	Steel work welded in built up section, trusses and framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint in gratings framed guard bars, ladders, railing, brackets and similar works including carriage of materials with in all leads, lifts and other incidentals.	382.80 kg			Per kilo gram	
4	Providing and fixing hand rail of approved size by welding etc. To steel ladder railing balcony railing staircase railing and similar works, including applying primer coat of approved steel primer including carriage of materials with in all leads, lifts and other incidentals.	402.00 kg			Per kilo gram	
5	Painting two coats including primer coat with epoxy paint of approved brand concrete / steel / surfaces after through cleaning of surface to give an even shade as per drawing and technical specification clause 1701 including carriage of materials with in all leads, lifts and other incidentals.	72.00 Sqm			Per square metre	
					Total	

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

SCHEDULE OF QUANTITY

Name of Work :- RRD on Link road village Bhanwar km 0/0 to 3/00 (SH:- C/o R/ wall at RD. 1/780 to 1/796)

Estimate Cost Rs. 2,39,097/- 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.	38.80 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.	6.88 cum			per Cubic metre	
3	Stone masonry in cement mortar for foundation complete as per drawing and technical specification clause 702, 704,1202 and 1204 (random rubble masonry in cement mortar . 1:6 (one cement : six sand) within all leads , lifts and carriage of materials and other incidentals.	22.68 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.	2.72 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	35.09 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.	7.44 cum			per Cubic metre	
					Total	


Executive Engineer,
Sunder Nagar Division,
HPPWD Sunder Nagar.

Estimated Cost Rs. 1,94,740/- only

Earnest Money Rs.4000/- only

Time: Two months

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

SCHEDULE OF QUANTITY

Name of Work :- A/R & M/O on Alsoo to Sohar via Jambha km 0/00 to 8/900 (SH:- C/o B/wall at RD. 6/070 to 6/082)

Estimate Cost: Rs. 99,835/- only
Earnest Money: Rs 2,000 /- only
Time : One month

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.	19.92 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.	25.55 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.	14.00 Nos			Each	
					Total	


Executive Engineer,
Sunder Nagar Division,
H.P.W.D. 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. 9/228 to 9/238))

Estimate Cost: Rs. 2,51,102/- 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.	28.30 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.	58.09 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.	7.33 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	

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

SCHEDULE OF QUANTITY

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

Estimated cost Rs: - 171200/-
Earnest money Rs:-3500/-
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.	160 Hrs			Per Hours	
TOTAL =						

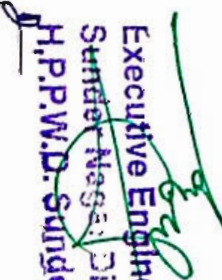
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Executive Engineer,
Sundernagar Division,
H.P.R.W.D. Sunder Nagar.

SCHEDULE OF QUANTITY

Name of Work: - RRD on various road under Suket Sub-Division in Changanoo Section
(SH: - Hiring of Tipper for carriage of different materials at various KMs)

Estimated cost: - Rs. 183000/- only
Earnest money: - Rs. 3700/- only
Time: - Three 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.	60 days			Per day	
Total =						


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

SCHEDULE OF QUANTITY

Name of Work :- C/o Approach roads to staff quarters & Hostels in Govt. Polytechnic college Sundernagar
road to quarters on road Parts (3), (4), (5) & (6). Deposit work

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

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


Executive Engineer,
Sunder Nagar Division,
HPPWD Sunder Nagar.

SCHEDULE OF QUANTITY

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

Estimated Cost Rs. 1,65,850/- only
Earnest Money Rs.4000/- only
Time : Two months
(SH:-Hiring)

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.	155.00	Hours		Per Hours	
Total:-						


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

SCHEDULE OF QUANTITY

Estimated Cost Rs.1,99,020/- only

Earnest Money Rs.4000/- only

Time: Three months

Name of Work:- RRD on Karangal Kinder road KM 0/00 to 15/00 (SH: Hiring of JCB for removal of Slips and road side debris in Km 10/0 to 15/0)

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 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.	186.00	Hours		Per Hours	
					Total:-	

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

SCHEDULE OF QUANTITY

Estimate Cost Rs.4,53,889 /- only

Earnest Money Rs. 10,000 /- only

Time : Three Months

Name of Work:- Repair and maintenance of Ayurvedic Health centre with residence at Kamand in Dist. Mandi (H.P.) (SH:- C/O Toilet at First Floor.) Job No:- 1

S.No	Sub Head and Items of Work	Quantity	Unit figure	Rate		Unit	Amount
				In words			
1	Excavation in foundations, trenches etc., in earth work, lift upto any Metres stacking the excavated soil not more than any metres clear from the edge of the excavation and then returning the stacked soil in 15cm. layers, when required in to plinths sides of foundations etc., consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth as directed with in a lead of any metres including carriage of materials with in all leads, lifts and other incidentals.	16.60	Cum			per cubic metre	
2	Providing and laying cement concrete 1:4:8 (one cement: four sand: eight graded stone aggregate 40mm nominal size) and curing complete excluding cost of form work in Foundation & plinth including carriage of materials with in all leads, lifts and other incidentals.	1.30	Cum			per cubic metre	
3	Centering and shuttering including strutting, propping etc. and removal of form for all heights :						
(i)	Foundations, footings, bases of columns, etc. for mass concrete including carriage of materials with in all leads, lifts and other incidentals.	10.38	sqm			Per Square meter	
(ii)	column including carriage of materials with in all leads, lifts and other incidentals.	22.88	sqm			Per Square meter	
(iii)	Lintels, beams, plinth beams, girders, bressumers and cantilevers including carriage of materials with in all leads, lifts and other incidentals.	3.15	sqm			Per Square meter	
(iv)	Suspended floors, roofs, landings, balconies and access platform including carriage of materials with in all leads, lifts and other incidentals.	36.96	sqm			Per Square meter	

(V)	Edges of slabs and breaks in floors and walls including carriage of materials with in all leads, lifts and other incidentals.	14.00	Rmt			Per Running metre	
4 (i)	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (fine cement: two coarse sand) : four graded stone aggregate 20 mm nominal size) including carriage of materials with in all leads, lifts and other incidentals.	16.25	Cum			Per Cubic Metre	
5	Providing mild steel/Tor steel reinforcement for R.C.C. Work including bending, binding and placing in position complete upto floor two level Tor Steel including carriage of materials with in all leads, lifts and other incidentals.	2030.00	Kg			Per kilo gram	
6	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (one cement : six coarse sand) including carriage of materials with in all leads, lifts and other incidentals.	3.64	Cum			per cubic metre	
7	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). 2nd class Deodar wood including carriage of materials with in all leads, lifts and other incidentals.	0.081	Cum			per cubic metre	
8	15mm Cement plaster in single coat on the rough side of brick/ concrete/stone walls for interior plastering upto floor two level including garris, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth. Cement Mortar 1:6 including carriage of materials with in all leads, lifts and other incidentals.	22.23	Sqm			Per Square metre	
9	15mm cement plaster in single coat on fair side of brick/concrete/stone walls for interior plastering upto floor two level including garris, internal rounded angles, chamfers/rounded angles not exceeding 80mm in girth & finished even and smooth. Cement mortar 1:6 including carriage of materials with in all leads, lifts and other incidentals.	22.23	Sqm			Per Square metre	
10	6mm Cement plaster to ceiling In Cement mortar 1:3(one Cement:three Sand) including carriage of materials with in all leads, lifts and other incidentals.	30.80	Sqm			Per Square metre	
						Total	


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

SCHEDULE OF QUANTITY

Earnest Money Rs.4000/- only

(SH:-

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

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			in word	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.	60.00 Days			Per day	
					Total:-	

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

SCHEDULE OF QUANTITY

Estimate Cost: Rs. 2,46,340/- only
Earnest Money: Rs 5,000/- only

Time : One month

Name of Work :- A/R & M/O various road under Nihri Sub Division HPPWD Nihri (SH:- Supply and stacking dual directional rectangular Delineators for road side with plastic Head unbreakable at Neck). Job-II

S. No.	Sub Head and item of work	Qty.	Rate in		Unit	Amount
			Figure	Word		
1	Supply and stacking F.O.R at site dual directional delineator made oue of dia M.S pipe 60 mm dia of size 75x 75 mm and length 600 mm pipe stove enamelled and baket to 120 c/powder coated head made of ABS plastic rectangular moulded with flat face provided with high intensity primatic reflectors of colour (yellow) of size 100x125 mm with additional to reflective strips of 20mm wide make greens / lite including carriage of materials , with in all leads .lits as per direction of Engineer - in - charge.	226.00 No.			Each	
					Total	

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

SCHEDULE OF QUANTITY

Estimate Cost: Rs. 2,87,236/- only

Earnest Money: Rs 6000/- only

Time : Two Months

Name of Work :- Restoration of damages due to laying under ground optical fiber cable by digital fiber Ltd. on Link road Drouda Dhar Mata Mandir km 0/0 to 1/500 (SH:- C/o Edge wall at RD. 1/280 to 1/293.60 and C/o R/ wall at RD.1/298 to 1/208) Deposit work

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.	38.43 cum			Per Cubic metre	
2	Providing and Laying concrete for plain/reinforced concrete P.C.C. nominal mix1:5:10 (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.	65.50 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.	14.16 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.	20.00 Nos			Each	
					Total	

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

Lab No. 50

SCHEDULE OF QUANTITY

Name of Work :- RRD on Kangoo Dehar Triphalghat road Km 0/0 to 21/400 (SH:-Hiring of JCB for removal of Slips and road side debris in various RDs.
 Estimated Cost Rs. 1,99,020/- only
 Earnest Money Rs. 4000/- only
 Time : Two months

Sl. 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 duly verified by the Engineer-in-charge.	186.00	Hours			Per Hours	
Total:							

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. 1,55,150/- only

Earnest Money Rs. 4000/- only

Time : Two months

(SH:-Hiring of-

Name of Work :- RRD on various -roads under Sub Division HP PWD Nihri (Nihri Section -)
ICB 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 fully verified by the Engineer-in charge.	145.00	Hours		Per Hours	
TOTAL:						

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

SCHEDULE OF QUANTITY

Name of work: -

RRD on Sundernagar Meramast via Dharanda road Km 0/0 to 5/810
(SI:- Hiring of J.C.B. for removal of slips, dressing of berms and clearance of

unlined drain at Km 0/0 to 5/810)

Sub-Head and Item of work

Estimated cost Rs:- 169060/-
Earnest money Rs:-3400/-
Time:- Two months

S. No.		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.	158 Hrs			Per Hours	
TOTAL =						


Executive Engineer,
Sunder Nagar Division,
PPWD-Sunder Nagar.

SCHEDULE OF QUANTITY

Estimate Cost: Rs. 4,76,000/- only
Earnest Money: Rs 10,000/- only
Time :- Two month

Name of Work :- Restoration of Rain damages on Slapper to Tattapani road Km 0/00 to 68/00 (SH:-
Removal of Slips in Km 49/00 to 56/600)

S. No.	Sub Head and item of work	Qty.	Rate in		Unit	Amount
			Figure	Word		
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut material with in lift upto 1.5m and lead upto 1000m as per technical specification 302.3.5 and 1611.	5288.89 Cum			Per Cubic Metre	
					Total	


Executive Engineer,
Sunder Nagar Division,
HPPWD Sunder Nagar.

SCHEDULE OF QUANTITY

Estimate Cost Rs. 2,77,581 /- only
Earnest Money Rs. 6,000 /- only

Time : Three Months

Name of Work:- Repair and maintenance of Ayurvedic Health centre with residence at kamand in Distt. Mandi (H.P) (SH:- C/O Toilet at First Floor.) Job No. - 11

S.No	Sub Head and Items of Work	Quantity	Rate		Unit	Amount
			In figure	In words		
1	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.	583.40	kg		Per kilo gram	
2	Providing and fixing M.S. BP Sheet 1.66mm to 2mm thick in eaves board/facia/soffits/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in-charge (Base members of steel work shall be measured & paid separately) including carriage of materials with in all leads, lifts and other incidentals.	11.75	Sqm		Per Square metre	
3	Providing & fixing 0.60mm thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 microns over 5 microns primer coating to back coat of polyester of 5 microns over 5 microns primer coating i/c fixing with prepainted iron J or L hooks, bolts, nuts 6mm dia metre with prepainted limpet & rubber washers complete with all accessories as required as per the direction of Engineer-in-charge.	7.50	Sqm		Per Square metre	
4	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, as per approved colour scheme, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete, including carriage of materials with in all leads, lifts and other incidentals.	14.89	Sqm		Per Square metre	

5	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours as per approved colour scheme, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc, complete, including carriage of materials with in all leads, lifts and other incidentals.	2.94	Sqm	Per Square metre	
6	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarsesand), jointing with grey cement slurry @ 3.3 kg/sqm including routing the joints with white cement and matching pigments etc., complete including carriage of materials with in all leads, lifts and other incidentals.	6.00	Sqm	Per Square metre	
7	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction of Engineer-in-charge. 2nd class deodar wood, 35mm thick including carriage of materials with in all leads, lifts and other incidentals.	1.89	Sqm	Per square meter	
8	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc, complete including carriage of materials with in all leads, lifts and other incidentals.	1.00	Nos.	Each	
9	Providing and fixing aluminium tower bolts, ISI marked, including carriage of materials with in all leads, lifts and other incidentals.	6.00	Nos.	Each	
10	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc, complete including carriage of materials with in all leads, lifts and other incidentals.	4.00	Nos.	Each	

11	Providing and fixing bright finished hard drawn hooks and eyes 150 mm including carriage of materials with in all leads, lifts and other incidentals.	2.00	Nos.		Each	
12	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equarried on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly cleaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete including carriage of materials with in all leads, lifts and other incidentals.	180.26	Sqm		Per Square Metre	
13	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete. including carriage of materials with in all leads, lifts and other incidentals.	180.26	Sqm		Per Square Metre	
14	Painting two coats (excluding priming coat) on new steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter. including carriage of materials with in all leads, lifts and other incidentals.	44.68	Sqm		Per Square Metre	
15	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture including primer coat including carriage of materials with in all leads, lifts and other incidentals.	6.05	Sqm		Per Square Metre	
16	Providing and fixing on wall face PVC (D-Plast) rain water pipes of working pressure not less than 4.5 kg/sqm including filling the joints with approved adhesive complete 110mm dia pipes including carriage of materials with in all leads, lifts and other incidentals.	6.00	Rmt		Per Running metre	
17	Providing and fixing on wall faces PVC (D-Plast) accessories for rain water pipes including filling the joints with approved adhesive complete (i) Plain bend including carriage of materials with in all leads, lifts and other incidentals.	4.00	Nos.		Each	
	W.S & S.I					

18	Providing and fixing Polyethylene-Aluminium-Polyethylene-PE-Al-PE Composite Pressure Pipes conforming to IS : 15450, U.V. stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc, with clamps at 1.00 metre spacing. This includes testing of joints complete as per direction of the Engineer-in-charge 1620 (20 mm OD) pipe including carriage of materials with in all leads, lifts and other incidentals.	30.00	Rmt			Per Rmt	
19	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (Medium grade) tube fitting & clamps including making good the wall, ceiling & floor 15mm nominal bore including carriage of materials with in all leads, lifts and other incidentals.	24.00	Rmt			Per Running Meter	
20	Providing and fixing PVC water storage tank of ISI : 12701 marked, G.I. inlet and outlet connection, 15mm nominal bore ball valve and mosquito proof PVC cover with locking arrangement including hoisting up to all heights above ground level 1000 litres net capacity tank including carriage of materials with in all leads, lifts and other incidentals.	1000.00	Ltr			ltr	
21	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid including carriage of materials with in all leads, lifts and other incidentals.	1.00	Nos.			Each	
22	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required (a) White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass including carriage of materials with in all leads, lifts and other incidentals.	1.00	Nos.			Each	
23	Providing and fixing vitreous China pedestal for wash basin complete recessed at the back for the reception of pipes and fittings including carriage of materials with in all leads, lifts and other incidentals.	1.00	Nos.			Each	
24	Providing & fixing high pressure PVC spigot and socket waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete 110 mm dia. including carriage of materials with in all leads, lifts and other incidentals.	30.00	Rmt			Per Running metre	

25	Providing and fixing PVC single equal branch with oval access door, ISI marked insertion rubber washer 3 mm thick bolts & nuts complete including fixing with approved adhesive etc. complete. 110 mm dia. including carriage of materials with in all leads, lifts and other incidentals.	3.00	Nos.			Per Rmt	
26	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete 110 mm dia including carriage of materials with in all leads, lifts and other incidentals.	3.00	Nos.			Each	
27	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete. 110 mm dia. including carriage of materials with in all leads, lifts and other incidentals.	10.00	Nos.			Each	
28	Providing & fixing PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete. 110 mm X 75 mm. including carriage of materials with in all leads, lifts and other incidentals.	3.00	Nos.			Each	
29	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :- Kitchen sink without drain board 17.10.2.1 610x510 mm bowl depth 200 mm including carriage of materials with in all leads, lifts and other incidentals.	1.00	Nos.			Each	
30	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Flexible pipe 32 mm dia including carriage of materials with in all leads, lifts and other incidentals.	1.00	Nos.			Each	
31	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing Rectangular shape 453x357 mm including carriage of materials with in all leads, lifts and other incidentals.	1.00	Nos.			Each	
32	Providing and fixing C.P. Brass Towel rail complete with C.P. Brass brackets fixed to wooden plugs with C.P. Brass screws 600mm x 20mm including carriage of materials with in all leads, lifts and other incidentals.	1.00	Nos.			Each	
33	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete. including carriage of materials with in all leads, lifts and other incidentals.	2.00	Nos.			Each	

34	Providing and fixing 15mm dia C.P. bibcock (long body) with capstan head & flanges to IS standards and weighing not less than 690 gms including carriage of materials with in all leads, lifts and other incidentals.	1.00	Nos.			Each	
35	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 including carriage of materials with in all leads, lifts and other incidentals.	8.00	Nos.			Each	
36	Providing and fixing 8 mm dia C.P. / S.S. jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved including carriage of materials with in all leads, lifts and other incidentals.	1.00	Nos.			Each	
37	Providing and fixing PVC. connection pipe with brass union including carriage of materials within all leads and lifts :-300/450mm length :-15mm nominal bore including carriage of materials with in all leads, lifts and other incidentals.	4.00	Nos			Each	
38	Providing & fixing C.P. gratings including carriage of materials within all leads & lifts 100 mm dia including carriage of materials with in all leads, lifts and other incidentals.	3.00	Nos			Each	
39	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms. including carriage of materials with in all leads, lifts and other incidentals.	4.00	Nos.			Each	
						Total	


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