

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT
NOTICE INVITING TENDER**

Sealed item rate tenders on PWD Form 6 & 8 are hereby invited by the Executive Engineer Shimla Rural Division H.P.P.W.D. Dhama on behalf of Governor of Himachal Pradesh for the followings works from the eligible contractors enlisted in H.P.P.W.D. (B&R) whose registration stood renewed as per revised rules and also registered under the H.P. General Sales Tax Act 1968 so as to reach in this office on before **07-07-2022 up to 11:00 AM** and the same shall be opened on the same day at **11:30 AM** in the presence of intending contractors or their authorized representative who may like to be present. The Tenders documents can be had from this office against cash payment (Non-refundable) on **06-07-2022 up to 4:00 PM** and the application for issue of tender form shall be received on **05-07-2022 up to 4:00 PM**.

The amount of earnest money in the shape of NSCs/FDR deposit at call of any of the Post office/Bank duly pledged in favour of Executive Engineer Shimla Rural Division HPPWD Dhama must be accompanied with the application for tender documents. Please not no exemption order of earnest money will be entertained. Conditional tenders and the tenders received without earnest money as mentioned above will similarly be rejected. The offer of the tenders shall be kept open for 75 days. The Executive Engineer reserve right to reject any tender of all tenders without assigning any reasons. If it happens to be a holiday on the day of opening of tenders the same will be opened on next working day at the same time and venue.

Sr. No.	Name of Work	Estimated Cost	Earnest Money	Time	Cost of Form
1	A/R & M/O Hari Devi Seri road km. 0/00 to 03/150 (SH:- Repair of pot holes in km. 01/00 to 02/500) Balance work.	Rs. 4,78,223/-	Rs. 10000/-	One Month	Rs. 350/-
2	Improvement of Black spot on Hari Devi Seri road km. 0/00 to 03/150 (SH:- P/F "W" metal beam crash barrier at Rd. 03/125 to 03/149) Balance work.	Rs. 1,25,054/-	Rs. 3,000/-	One Month	Rs. 350/-
3	R/R damage on Shimla Nalagarh road km. 0/00 to 22/00 (portion 07/00 to 22/00) (SH:- Repair of pot holes in km. 07/00 to 08/00 by providing Bituminous macadam).	Rs. 4,97,430/-	Rs. 10000/-	One Month	Rs. 350/-
4	R/R damage on Shimla Nalagarh road km. 0/00 to 22/00 (portion 07/00 to 22/00) (SH:- Repair of pot holes in km. 08/00 to 09/00 by providing Bituminous macadam).	Rs. 4,93,502/-	Rs. 10000/-	One Month	Rs. 350/-
5	R/R damage on Shimla Nalagarh road km. 0/00 to 22/00 (portion 07/00 to 22/00) (SH:- Repair of pot holes in km. 09/00 to 10/00 by providing Bituminous macadam).	Rs. 4,97,430/-	Rs. 10,000/-	One Month	Rs. 350/-
6	C/o Govt. Sen. Sec. School & Sr. Sec. School building at Boileauganj Shimla HP (SH:- C/o Stage and facing thereof). 1	Rs. 3,90,509/-	Rs. 7,900/-	One Month	Rs. 350/-
7	C/o Govt. Sen. Sec. School & Sr. Sec. School building at Boileauganj Shimla HP (SH:- C/o Stage and facing thereof). 2	Rs. 3,90,797/-	Rs. 7,900/-	One Month	Rs. 350/-
8	C/o Govt. Sen. Sec. School & Sr. Sec. School building at Boileauganj Shimla HP (SH:- C/o Stage and facing thereof). 3	Rs. 3,90,509/-	Rs. 7,900/-	One Month	Rs. 350/-
9	A/R & M/O Khel ka Chaura to Baggi road km. 0/00 to 12/225 (SH:- P/L pot holes in km. 0/00 to 11/500 balance work Job No. 4).	Rs. 1,43,080/-	Rs. 2,900/-	One Month	Rs. 350/-
10	A/R & M/O Banuti Pahal via Nehwat road km. 0/00 to 20/600 (SH:- P/L pot	Rs. 4,99,886/-	Rs. 10,000/-	One Month	Rs. 350/-

	holes in km. 15/00 to 20/600 Balance work Job No. III).				
11	Improvement of Ghanahatti Bajhol road km. 06/500 to 14/235 (SH:- P/F railing W-metal beam crash beam barrier in various Rds.). Job No. 1.	Rs. 4,99,591/-	Rs. 10,000/-	Two Months	Rs. 350/-
12	Improvement of Ghanahatti Bajhol road km. 06/500 to 14/235 (SH:- P/F railing W-metal beam crash beam barrier in various Rds.). Job No. 2.	Rs. 4,99,591/-	Rs. 10,000/-	Two Months	Rs. 350/-
13	Improvement of black spot on Banooti Pahal road km. 0/00 to 10/825 (SH:- P/F railing W-metal crash barrier in different roads at Rds in km. 09/295 to 09/405).	Rs. 4,74,974/-	Rs. 9,500/-	Two Months	Rs. 350/-
14	Improvement of black spot on Banooti Pahal road km. 0/00 to 10/825 (SH:- P/F railing W-metal crash barrier in different roads at Rds in km. 09/405 to 515).	Rs. 4,74,974/-	Rs. 9,500/-	Two Months	Rs. 350/-
15	A/R & M/O Shoghi Mehli road km. 0/00 to 12/375 (SH:- P/L BM with tack coat in km. 0/00 to 02/500).	Rs. 4,97,999/-	Rs. 10,000/-	One Month	Rs. 350/-
16	A/R & M/O Shoghi Mehli road km. 0/00 to 12/375 (SH:- P/L BM with tack coat in km. 02/500 to 4/00 & 6/00 to 7/00).	Rs. 4,98,620/-	Rs. 10000/-	One Month	Rs. 350/-
17	Improvement of Chauri ki Ghatti to yan via Bhad road km. 0/00 to 08/500 (SH:- Improvement of narrow curves at Rd. 06/560 to 06/635 & 06/700 to 06/840) under SCCP	Rs. 2,32,629/-	Rs. 4,700/-	One Month	Rs. 350/-
18	Improvement of black spot on Ghanahatti to Bhajol road km. 0/00 to 14/00 (SH:- Formation Cutting at Rd. 07/795 to 07/870).	Rs. 4,54,327/-	Rs. 10,000/-	One Month	Rs. 350/-
19	Improvement of black spot on Ghanahatti to Bhajol road km. 0/00 to 14/00 (SH:- Formation Cutting at Rd. 08/090 to 08/180).	Rs. 4,98,620/-	Rs. 10,000/-	One Month	Rs. 350/-
20	A/R & M/O link road to village Bashol km. 0/00 to 01/075 (SH:- C/o R/wall at Rd. 0/185 to 0/200 and P/F W-metal beam crash barrier).	Rs. 4,58,371/-	Rs. 9,000/-	One Month	Rs. 350/-
21	Improvement of Curves on Kel Ka Chaura Baggi road km. 0/00 to 12/00 (SH:- Curve Cutting in km. 08/825 to 09/00 and 09/135 to 09/210).	Rs. 3,15,153/-	Rs. 6,000/-	One Month	Rs. 350/-
22	A/R & M/O various roads under Totu Sub Division under Dharni Division (SH:- P/F of high intensity reflective all weather proof maly colour taps sheet).	Rs. 4,97,150/-	Rs. 10,000/-	One Month	Rs. 350/-
23	A/R & M/O various roads under Totu sub division under Dharni Division (SH:- P/L of hot applied thermoplastic Centre Line, Edge line & Zebra Crossing) on MLA crossing to Tawi More & Shimla Nalagarh road and link road to Airport).	Rs. 4,71,250/-	Rs. 9,500/-	Fifteen Days	Rs. 350/-
24	C/o Gharog Nalta road km. 0/00 to 7/00 (SH:- P/F wire crate at Rd. 05/940 to 05/975).	Rs. 4,92,727/-	Rs. 10,000/-	One Month	Rs. 350/-
25	Geotechnical Investigation for C/o ROB on the land adjoining Shimla-Kalka Railway line at ward No. 7 Majiath, MC	Rs. 99,000/-	Rs. 2000/-	One Month	Rs. 350/-

	Shimla (SH:-Topographical Survey of ROB and road).				
26	C/o Topographical survey of parking at Boileauganj (SH:- Preparation of counter plan).	Rs. 25,000/-	Rs. 500/-	One Month	Rs. 350/-
27	C/o Topographical survey of Café at Science Technology at Shoghi (SH:- Preparation of counter plan).	Rs. 25,000/-	Rs. 500/-	One Month	Rs. 350/-
28	A/R & M/O Khel ka Chaura Baggi road km. 0/00 to 12/00 (SH:- C/o R/wall at Rd. 04/880 to 04/935 and 05/175 to 5/270).	Rs. 4,89,924/-	Rs. 10,000/-	One Month	Rs. 350/-
29	A/R & M/O Rugra Gawahi Rangol via Shalaghat road km. 0/00 to 14/00 (SH:- Repair of pot holes in km. 05/00 to 08/00) Balance work, Job No. 1.	Rs. 4,12,792/-	Rs. 8,000/-	One Month	Rs. 350/-
30	A/R & M/O Rugra Gawahi Rangol via Shalaghat road km. 0/00 to 14/00 (SH:- Repair of pot holes in km. 05/00 to 08/00) Balance work, Job No. 2.	Rs. 4,12,792/-	Rs. 8,000/-	One Month	Rs. 350/-
31	A/R & M/O Rugra Gawahi Rangol via Shalaghat road km. 0/00 to 14/00 (SH:- Repair of pot holes in km. 05/00 to 08/00) Balance work, Job No. 3.	Rs. 4,12,792/-	Rs. 8,000/-	One Month	Rs. 350/-
32	C/o Judicial Academy at Ghandal (SH:- P/F wire crate in back side of Type V Qtr to protect the private land).	Rs. 3,36,891/-	Rs. 7,000/-	One Month	Rs. 350/-

Followings documents should be attached with the application for tenders:-

- The Contractors are requested to be produced a copy of their PAN No. GST No. copy of enlistment renewed letter and EPF certificate alongwith FDR against earnest money.
- Special care would be taken to write the rates both in figures and in word failing which tender is likely to be rejected.

Executive Engineer
Shimla Rural Division
H.P.P.W.D. Dhama

On behalf of Governor of Himachal Pradesh
HIM SUCHNA AWAM JANSAMPARK

Dated:- 22/06/22

No: PW-SRDD-CB-CTR / 2022- 9609-18

Copy forwarded for the following for information and necessary action to:-

- The Superintending Engineer 4th Circle HPPWD Shimla-3.
- The all Assistant Engineer working under this division for information and necessary action.
- All the heads of the branches in this office.
- Notice Board.

Executive Engineer
Shimla Rural Division
H.P.P.W.D. Dhama.

Certificate

Certified that the tenders called vide this office notice No.PW-SRDD-CB-CTR/2022- 9609-18 dated 22-06-22 for 32 number jobs is hereby invited without press notice due to exigencies/emergency of works in the public interest.

Executive Engineer
Shimla Rural Division
H.P.P.W.D. Dhama

SCHEDULE OF QUANTITY

Name of Work: - Annual Repair & Maintenance on Hari Devi Seri Road Km. 0/00 to 3/150 (SH: Repair of Pot Holes in Km.

1/00 to 2/500)

Balaram Reddy

Estimated Cost: - Rs 478223 /- only
Earnest Money: - Rs. 10000 /- only

Time: - One Month

S. No.	Sub head and items of work	Qty.	Rate		Unit	Amount
			Figures	In words		
1	2	3	4	5	6	7
1	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause 1904.2, 503 and 508.1 including carriage of material up to all leads and lifts as per the direction of Engineer-in- Charge.	1282.10 Sqm.			Per Square Metre	
0					Total:	

Note : (i) All the material will procured by the contractor him self.

Executive Engineer
Shriya Rural Divn
HPP & Dharm

SCHEDULE OF QUANTITY

Name of Work: - Improvement of Black Spot on Hari Devi Seri Road Km. 0/00 to 3/150 (Sh:- Providing and fixing "W" Metal Beam Crash Barrier at Rd. 3/125 to 3/149) Balance work

Estimated Cost: - Rs 125054 /- only
Earnest Money: - Rs. 3000 /- only
Time: - One Month

S. No.	Sub head and items of work	Qty.	Rate		Unit	Amount
			figures	In words		
1	2	3	4	5	6	7
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom and backfilling in trenches with excavated suitable material as per MORD specification directed by Engineer-in-Charge.	1.71			Per cubic metre	
2	Providing and laying cement concrete for Plan / reinforced conc. In open foundation complete as per drawing and technical specification clause - 802,803,1202 & 1203 in P.C.C grade M-20 (1:2:4. nominal mix 20mm) Including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	6.57			Per cubic metre	
3	Providing and erecting a "V" metal beam crash barrier comprising of 3mm thick corrugated sheet metal rail 70 cm. above road/ground level fixed on GI Sheet channel vertical post 150x75x5 mm spaced 1.5 m center to center, 1.8 m high, 1.1 m below ground /road level, all steel part and filaments to be galvanised by hot dip process, all fitting to conforms to IS:1367 and IS:1364 metal beam rail to be fixed on the vertical post with a spacer of channel section 150x75x5mm, 330mm long complete as per clause 810 including high intensity grade all weather proof reflective sheeting multi colour tape fixed with mechanical means with high visible (cautionary) from long distance i.e. in fog prone area, black spot point and narrow curve etc.	24.00			Per Running Metre	
0					Total:	

Note : (i) All the material will procured by the contractor him self.

Executive Engineer
Shri G. A. Rural Division
HPWD Dhami

Schedule Of Quantity

Name Of Work :- R/R damages on Shimla Nalaghar road km. 0/00 to 22/00 (portion 7/00 to 22/00 (SH:- Repair of pot holes in km. 7/00 to 8/00 By Providing Bituminous macadam)

Estimated Cost:- 4,97,430.00
Earnest Money:- 10000.00
Time:- One Months.

S.No	Description of Work	No. of Qty.		Rate		Unit	Amount
				In figures	In words		
1	2	3	4	5	6	7	8
1	Proving and applying tack coat with bitumen emulsion (RS - 1) using emulsion pressure distributor at the rate of 0.25 kg to 0.30 kg per Sqm. On the prepared bituminous surface cleaned with hydraulic broom as per Technical Specification clause 503. including entire carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	1038.83	Sqm			Per Square Metre	
2	Providing and laying bituminous macadam with hot mix plant using crushed aggregate of grading as per Table 500.4 premixed with bituminous binder. Transported to site upto a leads of 1000 m laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled to achieve the desired compaction as per Technical Specification Clause 504. i.e entire carriage of material upto all leads and lifts and as per the direction of Engineer-in-Charge.	51.94	Cum			Per cubic metre	
	Total						

Executive Engineer,
Shimla Rural Division,
HP, RMD, Dharmi.

Schedule Of Quantity

Name Of Work :- R/R damages on Shimla Nalaghar road km. 0/00 to 22/00 (portion 7/00 to 22/00 (SH:- Repair of pot holes in km. 8/00 to 9/00 By Providing Bituminious macadam)

Estimated Cost:- 4,93,502.00

Earnest Money:- 10000.00

Time:- One Months.

S.No	Description of Work	No. of Qty.		Rate		Unit	Amount
		3	4	In figures	In words		
1	2				6	7	8
1	Proving and applying tack coat with bitumen emulsion (RS - 1) using emulsion pressure distributor at the rate of 0.25 kg to 0.30 kg per Sqm. On the prepared bituminous surface cleaned with hydraulic broom as per Technical Specification clause 503. including entire carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	1030.52	Sqm			Per Square Metre	
2	Providing and laying bituminous macadam with hot mix plant using crushed aggregate of grading as per Table 500.4 premixed with bituminous binder. Transported to site upto a leads of 1000 m laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled to achieve the desired compaction as per Technical Specification Clause 504. i.e entire carriage of material upto all leads and lifts and as per the direction of Engineer-in-Charge.	51.53	Cum			Per cubic metre	
					Total		

Executive Engineer,
Shimla Rural Division,
H.P. BWD, Dharmi.

Draft Schedule Of Quantity

Name Of Work :- R/R damages on Shimla Nalaghar road km. 0/00 to 22/00 (portion 7/00 to 22/00 (SH:- Repair of pot holes in km. 9/00 to 10/00 By Providing Bituminous macadam)

Estimated Cost:- 4,97,430.00

Earnest Money:- 10000.00

Time:- One Months.

S.No	Description of Work	No. of Qty.		Rate	In words	Unit	Amount
		1	2	In figures	6	7	8
1	Providing and applying tack coat with bitumen emulsion (RS - 1) using emulsion pressure distributor at the rate of 0.25 kg to 0.30 kg per Sqm. On the prepared bituminous surface cleaned with hydraulic broom as per Technical Specification clause 503. including entire carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	1038.83	Sqm	21.35	Rupees Twenty One and Paise Thirty Five Only	Per Square Metre	22179
2	Providing and laying bituminous macadam with hot mix plant using crushed aggregate of grading as per Table 500.4 premixed with bituminous binder. Transported to site upto a leads of 1000 m laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled to achieve the desired compaction as per Technical Specification Clause 504. i.e entire carriage of material upto all leads and lifts and as per the direction of Engineer-in -Charge.	51.94	Cum	9150.00	Rupees Nine Thousand One Hundred Fifty Only	Per cubic metre	475251
	Total						497430

DNIT Approved for Rs. 4,97,430.00/-only for the year 2021-22 entered at DNIT Reg. S. No. 413

Executive Engineer,
Shimla Rural District
H.P., Dharm

Schedule Of Quantity

Construction of Govt. Primary School & Sr. Sec. School Building at Boileauganj, Shimla (HP)
(SH:- Construction of stage and Fancing Thereof) 1.

Estimated Cost:- 3,90,509.00

Earnest Money:- 7900.00

Time:- One Months.

S.No	Description of Work	No. of Qty.		Rate In figures	In words	Unit	Amount
		3	4				
1	2			5	6	7	8
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains 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.	19.44	Cum			Per Cubic Metre	
2	Providing and laying lean cement concrete 1:4:8 (one cement :four sand :eight graded stone aggregate 40mm nominal size)(Forty milimetre) and curing complete excluding cost of form work with pidilite or Dr.fixit water proofing treatment as per the direction of the Engineer-in-Charge but including carriage of materials up to all leads and lifts.	45.36	Cum			Per Cubic Metre	
3	Structural steel work including hollow section riveted bolted or welded in built up section trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. as per the direction of the Engineer-in-Charge.	1481	Cum			Per Cubic Metre	
4	G.I.Chain link fabric of required width in mesh size 50x50mm i/c Strengthening with 2mm dia wire and nut bolts and washers as required complete as per the Engineer in Charge made of GI wire 4 mm dia.as per the direction of the Engineer-in-Charge	33	Sqm			Per Square Metre	
		Total Rs.					

Executive Engineer,
Shimla Rural Division
H.P.W.D., Dharm

Schedule Of Quantity

Construction of Govt. Primary School & Sr. Sec. School Building at Boileauganj, Shimla (HP)
(SH:- Construction of stage and Fancing Thereof) 3.

Estimated Cost:- 3,90,509 .00

Earnest Money:- 7900.00

Time:- One Months.

S.No	Description of Work	No. of Qty.		Rate In figures	In words	Unit	Amount
		3	4				
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains 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.	19.44	Cum			Per Cubic Metre	
2	Providing and laying lean cement concrete 1:4:8 (one cement :four sand :eight graded stone aggregate 40mm nominal size)(Forty milimetre) and curing complete excluding cost of form work with pidilite or Dr.fixit water proofing treatment as per the direction of the Engineer-in-Charge but including carriage of materials up to all leads and lifts.	45.36	Cum			Per Cubic Metre	
3	Structural steel work including hollow section riveted bolted or welded in built up section trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. as per the direction of the Engineer-in-Charge.	1481	Cum			Per Cubic Metre	
4	G.I.Chain link fabric of required width in mesh size 50x50mm ionic Strengthing with 2mm dia wire and nut bolts and washers as required complete as per the Engineer in Charge made of GI wire 4 mm dia.as per the direction of the Engineer-in-Charge	33	Sqm			Per Square Metre	
		Total Rs.					

**Executive Engineer,
Shimla Rural District,
HP & J&K, Dera**

Schedule Of Quantity

Name Of work :- A/R & M/O on Khel ka Chaura to Baggi road km. 0/00 to 12/225 (SH:- P/L pot holes between Rds 0/00 to 11/500 Balance Work Job No. - 4)

Estimated Cost:- 1,43,080.00

Earnest Money:- 2900.00

Time:- One Months.

S.No	Description of Work	No. of Qty.		Rate		Unit	Amount
				In figures	In words		
1	2	3	4	5	6	7	8
1	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bond macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80/100 KN in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fill up the interstices of course aggregate, watering and compacting to the required density grading-III as per technical specification clause 405, using stone aggregate 45 mm to 22.40 mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.					Per cubic metre	
2	Repair of pot holes and removal of loose materials trimming of sides, cleaning of surface by providing tack coat, 20 mm thick premix carpet and seal coat type-b specification clause 1904.2, 503 and 508.1, including carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.	360	Sqm			Per Square Metre	
	Total Rs.						

Executive Engineer,
Shimla Rural Division,
HP, PW & Dhani.

Schedule Of Quantity

Name Of work :- A/R & M/O on Banuti pahal via Nahwat road km. 0/00 to 20/600 (SH:- P/L pot holes between Rds 15/00 to 20/600 Balance Work Job No. - III)

Estimated Cost:- 4,99,886.00
Earnest Money:- 10000.00
Time:- One Months.

S.No	Description of Work	No. of Qty.		Rate	In words	Unit	Amount
		3	4				
1	2			5	6	7	8
1	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bond macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80/100 KN in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fill up the interstices of course aggregate, watering and compacting to the required density grading-III as per technical specification clause 405, using stone aggregate 45 mm to 22.40 mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	17.51	Cum			Per cubic metre	
2	Repair of pot holes and removal of loose materials trimming of sides, cleaning of surface by providing tack coat, 20 mm thick premix carpet and seal coat type-b specification clause 1904.2, 503 and 508.1, including carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.	1236.9	Sqm			Per Square Metre	
		Total Rs.					

Executive Engineer,
Shimla Rural Division,
HP, PWD, Dharmi.

Draft SCHEDULE OF QUANTITY

Description of work

Job No. 1.

Name of work: - Improvement on Ghanahatti Bajhol road KM 6/500 to 14/235(SH:-Providing and fixing railing W-metal crash beam

Sl. No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figure	Words	
1	Earthwork in excavation for all type of road structures such as retaining wall, breast wall, culvert, drain and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiselling / wedging out rocks (where blasting is prohibited) as per drawing and technical specification true to lines and grades. Dimensions and other particulars as per drawing and Technical Specification Clause 305.1(Three hundred Five point One) and 1606.1(One six zero six point one) including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all lead and lifts including dressing of sides and bottom and backfilling in trenches with excavated suitable material. All work of excavation by blasting shall be carried out by taking all necessary precautions against soil erosions, damage to hill side, water pollutions etc., and to protect stability of hill side rock. Stacking of materials useful for construction at suitable sites and safe disposal of unserviceable excavated materials in specified manners to dumping site (to be arranged by the contractor), trimming, filling of unworkable blindages and finishing of the road to specified dimensions are as directed by the	41.600 m ³	Per Cubic Meter			
2	Providing and laying cement concrete work 1:2:4 (one cement: two sand: four graded stone aggregate 20mm (twenty millimeter) nominal size) in foundation and plinth, and curing complete excluding cost of form work and reinforcement as per H.P.PWD specification, including carriage of all labour equipment and material to various location through all modes of transportation in all lead and lift, including all incidental charges.	13.140 m ³	Per cubic meter			
3	Providing and erecting single sided single "W" metal beam crash barrier comprising of cold formed W Profile section having thickness of 3mm (un coated thickness) with frame width of 311 mm depth 83mm and length 4318mm made of ISI Marked HR Coil conforming to IS : 5986/2011 to be fixed on cold formed channel section post of size 150 x 75 x 5 mm made of ISI Marked HR Coil conforming to IS : 5986/2011 spaced 1.5 m centre to centre of the post which will be of total 1.8 m height, 1.1 m below ground / road level and 0.70 meter above ground level. Metal beam rail to be fixed on the vertical post with spacer channel of cold formed channel section size 150 x 75 x 5 mm, 330 mm long made of ISI Marked HR Coil conforming to IS : 5986/2011. All the above components shall confirm to clause 810 of MORT&H Specifications (latest revision) including all fittings required for erection at road / site of work, spacer shall be hot dipped galvanized with zinc coating (reaffirmed 2011) for bolts and nuts IS 14393/1996 (Re affirmed 2011) including carriage of all labour, equipments and materials to various location through all modes of transportation in all lead and lift and all incidental charges.	108.000 m	Per Running Meter			

Executive Engineer,
Shimla Rural District,
H.P.PWD, Shimla

Draft SCHEDULE OF QUANTITY

Description of work

Job No. 2

Name of work: - Improvement on Ghanahatti Bajhol road KM 6/500 to 14/235(SH:-Providing and fixing railing W-metal crash beam

Qty.	Unit	RATE In		AMOUNT Rs.
		Figure	Words	
		Estimated C		499591.00
		Earnest Mor		10000.00
		Time Limit:	Two Months.	
1	Earthwork in excavation for all type of road structures such as retaining wall, breast wall, culvert, drain and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiesling / wedging out rocks (where blasting is prohibited) as per drawing and technical specification true to lines and grades. Dimesions and other particulars as per drawing and Technical Specification Clause 305.1(Three hundred Five point One) and 1606.1(One six zero six point one) including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all lead and lifts including dressing of sides and bottom and backfilling in trenches with excavated suitable material. All work of excavation by blasting shall be carried out by taking all necessary precautions against soil erosions, damage to hill side, water pollutions etc., and to protect stability of hill side rock. Stacking of materials useful for construction at suitable sites and safe disposal of unserviceable excavated materials in specified manners to dumping site (to be arranged by the contractor), trimming, filling of uneveness blindages and finishing of the road to specified dimensions or as directed by the	41.600 m ³	Per Cubic Meter	
2	Providing and laying cement concrete work 1:2:4 (one cement: two sand: four graded stone aggregate 20mm (twenty millimeter) nominal size) in foundation and plinth, and curing complete excluding cost of form work and reinforcement as per HP.PWD specification, including carriage of all labour equipment and material to various location through all modes of transportation in all lead and lift, including all incidental charges.	13.140 m ³	Per cubic meter	
3	Providing and erecting single sided single "W" metal beam crash barrier comprising of cold formed W Profile section having thickness of 3mm (un coated thickness) with frame width of 311 mm depth 83mm and length 4318mm made of ISI Marked HR Coil conforming to IS : 5986/2011 to be fixed on cold formed channel section post of size 150 x 75 x 5 mm made of ISI Marked HR Coil conforming to IS : 5986/2011 spaced 1.5 m centre to centre of the post which will be of total 1.8 m height, 1.1 m below ground / road level and 0.70 meter above ground level. Metal beam rail to be fixed on the vertical post with spacer channel of cold formed channel section size 150 x 75 x 5 mm, 330 mm long made of ISI Marked HR Coil conforming to IS : 5986/2011. All the above components shall confirm to clause 810 of MORT&H Specifications (latest revision) including all fittings required for erection at road / site of work, spacer shall be hot dipped galvanized with zinc coating (reaffirmed 2011) for bolts and nuts IS 14393/1996 (Re affirmed 2011) including carriage of all labour, equipments and materials to various location through all modes of transportation in all leads, lift, and all incidental charges.	108.000 m	Per Running Meter	

Draft SCHEDULE OF QUANTITY

Job No.

Description of work

Qty.

Unit

RATE In
Figure Words

AMOUNT
Rs.

Estimated C	474974.00
Earnest Mor	9500.00
Time Limit:	Two Months.

Name of work: - Improvement of black spot on Banooiti Pahal road KM 0/00 to 10/825(SH.-Providing and fixing railing W-metal crash beam barrier in different roads at RDs in 9/295 to 9/405).

1	Earthwork in excavation for all type of road structures such as retaining wall, breast wall, culvert, drain and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiesling / wedging out rocks (where blasting is prohibited) as per drawing and technical specification true to lines and grades. Dimesions and other particulars as per drawing and Technical Specification Clause 305.1(Three hundred Five point One) and 1606.1(One six zero six point one) including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all lead and lifts including dressing of sides and bottom and backfilling in trenches with excavated suitable material. All work of excavation by blasting shall be carried out by taking all necessary precautions against soil erosions, damage to hill side, water pollutions etc., and to protect stability of hill side rock. Stacking of materials useful for construction at suitable sites and safe disposal of unserviceable excavated materials in specified manners to dumping site (to be arranged by the contractor), trimming, filling of unsewage hindances and finishing of the road to specified dimensions or as directed by the	12.470 m ³	Per Cubi			
2	Providing and laying cement concrete work 1:2:4 (one cement: two sand: four graded stone aggregate 20mm (twenty millimeter) nominal size) in foundation and plinth, and curing complete excluding cost of form work and reinforcement as per HP.PWD specification, including carriage of all labour equipment and material to various location through all modes of transportation in all lead and lift, including all incidental charges	12.470 m ³	Per cubic meter			
3	Providing and erecting single sided single "W" metal beam crash barrier comprising of cold formed W Profile section having thickness of 3mm (un coated thickness) with frame width of 311 mm depth 83mm and length 4318mm made of ISI Marked HR Coil conforming to IS : 5986/2011 to be fixed on cold formed channel section post of size 150 x 75 x 5 mm made of ISI Marked HR Coil conforming to IS : 5986/2011 spaced 1.5 m centre to centre of the post which will be of total 1.8 m height, 1.1 m below ground / road level and 0.70 meter above ground level. Metal beam rail to be fixed on the vertical post with spacer channel of cold formed channel section size 150 x 75 x 5 mm, 330 mm long made of ISI Marked HR Coil conforming to IS : 5986/2011. All the above components shall confirm to clause 810 of MORT&H Specifications (latest revision) including all fittings required for erection at road / site of work, spacer shall be hot dipped galvanized with zinc coating (reaffirmed 2011) for bolts and nuts IS 14393/1996 (Re affirmed 2011) including carriage of all labour, equipments and materials to various location through all modes of transportation in all leads, lifts and all incidental charges	110.000 m	Per Running Meter			

Draft SCHEDULE OF QUANTITY

Job No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figure	Words	
					Estimated C	474974.00
					Earnest Mor	9500.00
					Time Limit:	Two Months.

Name of work: - Improvement of black spot on Banooti Pahal road KM 0/00 to 10/825(SH:-Providing and fixing railing W-metal crash beam barrier in different roads at RDs in 9/405 to 9/515).

1	Earthwork in excavation for all type of road structures such as retaining wall, breast wall, culvert, drain and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiesling / wedging out rocks (where blasting is prohibited) as per drawing and technical specification true to lines and grades. Dimesions and other particulars as per drawing and Technical Specification Clause 305.1(Three hundred Five point One) and 1606.1(One six zero six point one) including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all lead and lifts including dressing of sides and bottom and backfilling in trenches with excavated suitable material. All work of excavation by blasting shall be carried out by taking all necessary precautions against soil erosions, damage to hill side, water pollutions etc., and to protect stability of hill side rock. Stacking of materials useful for construction at suitable sites and safe disposal of unserviceable excavated materials in specified manners to dumping site (to be arranged by the contractor), trimming, filling of unevenness hindrance and finishing of the road to specified dimensions or as directed by the	12.470 m3	Per Cubic Meter			
2	Providing and laying cement concrete work 1:2:4 (one cement: two sand: four graded stone aggregate 20mm (twenty millimeter) nominal size) in foundation and plinth, and curing complete excluding cost of form work and reinforcement as per HP.PWD specification, including carriage of all labour equipment and material to various location through all modes of transportation in all lead and lift, including all incidental charges	12.470 m3	Per cubic meter			
3	Providing and erecting single sided single "W" metal beam crash barrier comprising of cold formed W Profile section having thickness of 3mm (un coated thickness) with frame width of 311 mm depth 83mm and length 4318mm made of ISI Marked HR Coil conforming to IS : 5986/2011 to be fixed on cold formed channel section post of size 150 x 75 x 5 mm made of ISI Marked HR Coil conforming to IS : 5986/2011 spaced 1.5 m centre to centre of the post which will be of total 1.8 m height, 1.1 m below ground / road level and 0.70 meter above ground level. Metal beam rail to be fixed on the vertical post with spacer channel of cold formed channel section size 150 x 75 x 5 mm, 330 mm long made of ISI Marked HR Coil conforming to IS : 5986/2011. All the above components shall confirm to clause 810 of MORT&H Specifications (latest revision) including all fittings required for erection at road / site of work, spacer shall be hot dipped galvanized with zinc coating (reaffirmed 2011) for bolts and nuts IS 14393/1996 (Re affirmed 2011) including carriage of all labour, equipments and materials to various location through all modes of transportation in all leads lifts and all incidental charges	110.000 m	Per Running Meter			

Executive Engineer,
Shimla Rural District,
H.P.W.D., Dhami

Schedule Of Quantity

Name Of Work :- A/R & M/O on Shoghi Mehli road km. 0/00 to 12/375 (SH :- Providing and laying BM with tack coat in km. 0/00 to 2/500)

Estimated Cost:- 4,97,999
Earnest Money:- 10000.00
Time:- One Months.

S.No	Description of Work	No. of Qty.		Rate		Unit	Amount
		3	4	5	6		
1	2					7	8
1	Providing and applying tack coat with bitumen emulsion (RS - 1) using emulsion pressure distributor at the rate of 0.25 kg to 0.30 kg per Sqm. On the prepared bituminous surface cleaned with hydraulic broom as per Technical Specification clause 503. including entire carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	999.95	Sqm			Per Square Metre	
2	Providing and laying bituminous macadam with hot mix plant using crushed aggregate of grading as per Table 500.4 premixed with bituminous binder. Transported to site upto a leads of 1000 m laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled to achieve the desired compaction as per Technical Specification Clause 504. i.e entire carriage of material upto all leads and lifts and as per the direction of Engineer-in-Charge.	50	Cum			Per cubic metre	
					Total		


Executive Engineer,
Shimla Rdtal Division,
HP, PWd
Dhami

Schedule Of Quantity

Name Of Work :- A/R & M/O on Shoghi Mehli road km. 0/00 to 12/375 (SH :- Providing and laying BM with tack coat in km. 2/500 to 4/00 & 6/00 to 7/00)

Estimated Cost:- 4,98,620
Earnest Money:- 10000.00
Time:- One Months.

S.No	Description of Work	No. of Qty.		Rate		Unit	Amount
				In figures	In words		
1	2	3	4	5	6	7	8
1	Providing and applying tack coat with bitumen emulsion (RS - 1) using emulsion pressure distributor at the rate of 0.25 kg to 0.30 kg per Sqm. On the prepared bituminous surface cleaned with hydraulic broom as per Technical Specification clause 503. including entire carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	1002.17	Sqm			Per Square Metre	
2	Providing and laying bituminous macadam with hot mix plant using crushed aggregate of grading as per Table 500.4 premixed with bituminous binder. Transported to site upto a leads of 1000 m laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled to achieve the desired compaction as per Technical Specification Clause 504. i.e entire carriage of material upto all leads and lifts and as per the direction of Engineer-in-Charge.	50.06	Cum			Per cubic metre	
	Total						

Executive Engineer,
Shimla Rural Division,
HP, WVD, Dharmi. 

Estimated Cost:- 2,32,629

Earnest Money:- 4700.00

Time:- One Months.

Executive Engineer
Shimla Rural Division
HPPWD Dhamla

Schedule Of Quantity

Name Of Work :- Improvement of black spot on Ghanahatti to Bhajol road km. 0/00 to 14/00 (SH:- Formation cutting at Rd. 7/795 to 7/870)

Estimated Cost:- 4,54,327.00

Earnest Money:- 10000.00

Time:- One Months.

S.No	Description of Work	No. of Qty.		Rate		Unit	Amount
		3	4	In figures	In words		
1	Cutting in earth work in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper, blasting work both in soft and hard rock with chiseling/ wedging etc of rock (where blasting is prohibited) and their intermediate classification of soil including, dewatering where ever required, setting to the required line, grades, side slopes trimming bottoms and level as shown on the drawing as directed by the Engineer-in-Charge at site according to HP PWD specifications of 1990 (One thousand Nine hundred Ninety) Volume-1 and sorting out usefull/un-useful materials and stacking the same in all leads and lifts and transportation of the unuseful materials for filling in road ways, embankments for grades improvements and leveling to the required grades and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites through all modes of transportation including head load, animal load or mechanical means along with its leveling line dressing and all labour, machineries, materials, tools equipments and safety measures and incidentals necessary to complete the work by mechanized means and labour (if any required), the cost of useful materials such as stones, shingles, aggregates and slates shall be sorted out and stacked along road side, which shall not be less than one tenth of J.W. one ten of SR and one six of HR one Third 236.17 cum qy. which shall be proportionately increase/decrease as the qty. of earth work increase/ decrease in all cases recovered from the contracto @300/- (one hundred seventy only) per cubic metre shall be effected any loss to the public and private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	1184.7	Cum			Per cubic metre	
Total Rs.							

Executive Engineer
Shimla Rural Division
HP PWD Dharam

Schedule Of Quantity

Name Of Work :- Improvement of black spot on Ghanahatti to Bhajol road km. 0/00 to 14/00 (SH:- Formation cutting at Rd. 8/090 to 8/180)

Estimated Cost:- 4,98,620.00

Earnest Money:- 10000.00

Time:- One Months.

S.No	Description of Work	No. of Qty.		Rate		Unit	Amount
		3	4	5	6		
1	2					7	8
1	Cutting in earth work in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper, blasting work both in soft and hard rock with chiseling/ wedging out of rock (where blasting is prohibited) and then intermediate classification of soil including dewatering where ever required, setting to the required line, grades, side slopes trimming bottoms and level as shown on the drawing as directed by the Engineer-in-Charge at site according to H.P.D specifications of 1990 (One thousand Nine hundred Ninety) Volume-1 and sorting out useful/un-useful materials, and stacking the same in all leads and lifts and transportation of the unuseful materials for filling in road ways, embankments for grades improvements and leveling to the required grades and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites through all modes of transportation including head load, animal road or mechanical means along with its leveling line dressing and all labour, machineries, materials, tools equipments and safety measures and incidentals necessary to complete the work by mechanized means and labour (if any required), the cost of useful materials such as stones, shingles, aggregates and slates shall be sorted out and stacked along road side which shall not be less than one tenth of J.W. one ten of SR and one six of H.R one Third = 325.05 cum qy, which shall be proportionately increase/decrease as the qty. of earth work increase/ decrease in all cases recovered from the contract @300/- (one hundred seventy only) per cubic metre shall be effected any loss to the public and private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all respects.	1300.2	Cum			Per cubic metre	
Total Rs.							

Executive Engineer
 Shimla, Rural Divet
 H.P.D. Dhani

SCHEDULE OF QUANTITY

Name of Work: - Annual Repair & Maintenance on Link Road to village Bashol Km. 0/00 to 1/075

(SH:- Construction of R-wall at Rd. 0/185 to 0/200 and Providing & Fixing W-Metal Beam Crash

Estimated Cost: - Rs 458371 /-
Earnest Money: - Rs. 9000 /-only

S. No.	Sub head and items of work	Qty.	Rate		Unit	Amount
			figures	In words		
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 1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603.1 and other deleterious materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in-Charge.	13.50 Cum			Per cubic metre	
2	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom and backfilling in trenches with excavated suitable material as per MORD specification directed by Engineer-in-Charge.	34.05 Cum			Per cubic metre	
3	Providing and Laying cement concrete for plain / reinforced conc. In open foundation complete as per drawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 (1 Cement : 5 sand: 10 graded stone Aggregate 40 mm nominal mix). Including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	85.05 Cum			Per cubic metre	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8, (i) Granular material, Including carriage of material within all leads upto leads as per the direction of Engineer-in-Charge.	17.10 Cum			Per cubic metre	
5	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full with of the structures with slop of 1(v):20(H) towards drawing face complete as per drawing and technical specification . Including carriage of material upto all leads and lifts as per the direction of Engineer-in-Charge.	13.45 Rmt.			Per Running Metre	

6	Providing and erecting a "V" metal beam crash barrier comprising of 3mm thick corrugated sheet metal rail 70 cm. above road/ground level fixed on GI Sheet channel vertical post 150x75x5 mm spaced 1.5 m center to center, 1.8 m high, 1.1 m below ground /road level, all steel part and fittings to be galvanised by hot dip process, all fitting to conforms to IS:1367 and IS:1364 metal beam rail to be fixed on the vertical post with a spacer of channel section 150x75x5mm, 330mm long complete as per clause 810 including high intensity grade all weather proof reflective sheeting multi colour tape fixed with mechanical means with high visible (cautionary) from long distance i.e. in fog prone area, black spot point and narrow curve etc.	30.00	Rmt			Per Running Metre	
7	Providing and laying cement concrete for Plan / reinforced conc. In open foundation complete as per drawing and technical specification clause - 802, 803, 1202 & 1203 in P.C.C grade M-20 (1:2:4. nominal mix 20mm) Including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	4.68	Cum			Per cubic metre	
0						Total:	

Note : (i) All the material will procured by the contractor him self.

Executive Engineer,
Shimla Rural Division
H.P.P.O., Dharm.

D-315153 / apply

Estimated Cost: - Rs 315153/- only
Earnest Money: - Rs. 6000/-only

Time- One Month

Executive Engineer,
Shimla Rural Division,
H.P. WD Dhani

Draft SCHEDULE OF QUANTITY

Job No. 22

Name of work: - Annual Repair & Maintenance of various roads under Totu Sub Division Dharni Division (SH :- Providing and fixing of high intensity reflective all weather proof maly colour taps sheet).

Estimated Cost :-	497150.00
Earnest Money :-	10000.00
Time Limit :-	One month.

Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
			Figure	Words	
1 Providing and fixing of high intensity reflective all weather proof maly colour taps sheet quality fixed or face of longitudinal channel rail W-metal bimb crash barrier with mechanical means with high visibility from long distance in long pron area black sport point and narrow curve etc. Including rubbing and fixing the sheet etc as per HPPWD specification including carriage of material by all models of transportation in all lead and lift and including all incidental charges and as per direction of Engineer in Charge.	610.000	No. each			

Executive Engineer
Shimla Rural Division
HPPWD, Dharni

Draft SCHEDULE OF QUANTITY

Job No.	Description of work	Qty.	Unit	RATE In		AMOUNT Rs.
				Figure s	Words	

Estimated Cost: -

Earnest Money: -

Time: -

471250.00
9500.00
Fifteen days.

Name of work: - Annual Repair & Maintenance of various roads under Totu Sub Division Dharni Division (SH :- Providing and laying of hot applied thermoplastic Center Line, Edge Line & Zebra Crossing) on MLA crossing to Tawi More & Shimla Nalagarh road and link road to Airport.

1	Providing and laying of hot applied thermoplastic compound 2.5 mm (two point five millimeters) thick, 0.10 (Zero point one zero) meters strip for center line and 0.15 (Zero point one five) meter wide strip for Edge line and 0.30 (zero point three zero) meter wide and 3.00 (three) meter long Zebra crossing including reflectorising glass beads @ 250 gms (two fifty grammes) per square meter area, thickness of 2.5 mm (two point five millimeters) is exclusive of surface applied glass beads as per IRC:35 (thirty five) in accordance with Ministry of Road Transport Specification (Latest revision) and IRC Code. The finished surface to be level, uniform and free from streaks and holes including carriage of all labour, equipments and materials to various location through all modes of transportation in all leads lifts and all incidental charges	725.00 m ²	Per Squ are Met er			
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Executive Engineer
Shimla Rural Division
H.P. D, Dharni

Schedule Of Quantity

Name Of Work :- Construction of Topographical Survey of Parking at Bailau gang (SH:- preparation of Contour Plan)

Estimated Cost:-25,000.00
Earnest Money:- 500.00
Time:- One Months.

S.No	Description of Work	No.of Qty.		Rate	In words	Unit	Amount
		3	4	In figures	6	7	8
1	preparation of digital Survey Contour plan with drawing complete in all respect in manuscript fromand submission of the samwe to higher office for approval, If any correspondence/ ammendment has desired by this office as well as by head office,the same may be rectified as desired and directed by the Engineer in charge in all respect. After approval the same should be submitted in two set of fair drawing against asain if any coececetion/ ammendment as desired by head office as per the direction of Engineer in charge complete. for the work.	1	job			Per Job	
Total Rs.							

Executive Engineer,
Shimla Rural Division,
HP, P.O., Dharmi. 171

Draft Schedule Of Quantity							Estimated Cost:-25,000.00	
Name Of Work :- Construction of Topographical Survey of Cafe at science Technology at Shoghi (SH:- preparation of Contour Plan)							Earnest Money:- 500.00	
							Time:- One Months.	
S.No	Description of Work	No.of Qty.		Rate	In words	Unit	Amount	
		3	4	In figures	6			7
1	2	3	4	5	6	7	8	
1	preparation of digital Survey Contour plan with drawing complete in all respect in manuscript from and submission of the same to higher office for approval. If any correspondence/ ammendment has desired by this office as well as by head office, the same may be rectified as desired and directed by the Engineer in charge in all respect. After approval the same should be submitted in two set of fair drawing against assain if any coececetion/ ammendment as desired by head office as per the direction of Engineer in charge complete. for the work.	1	Job			per job		
Total Rs.							25000.00	

DNT Approved for Rs. 25,000.00/- only for the year 2021-22 entered at DNT.
Reg. S. No.

Executive Engineer,
Shimla Rural Division,
HP, PWD, Dharmi. *[Signature]*

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- GEOTECHNICAL INVESTIGATION FOR CONSTRUCTION OF ROB ON THE LAND ADJOINING SHIMLA-KALKA RAILWAY LINE AT WARD NO-7 MAJLATH, MUNICIPAL CORPORATION SHIMLA (SH- TOPOGRAPHICAL SURVEY OF ROB AND ROAD)

NAME OF WORK:- GEO TECHNICAL INVESTIGATION FOR CONSTRUCTION OF ROB ON THE LAND ADJOINING SHIMLA-KALKA ALLWAY LINE AT WARD NO-7 MAJIATH, MUNICIPAL CORPORATION SHIMLA (SH- TOPOGRAPHICAL SURVEY OF ROB AND ROAD)									
				Estimated Cost : Rs		99000.00			
				Earnest Money : Rs		2000.00			
				Time Limit :		One Month			
No	Description of Item	Quantity		Rate		Unit	Amount		
				In fig.	In word				
1	Preparation of Digital Contour survey plan and drawings in all respect and submission of the same to the higher office for approval. If any amendment has desired by the head office, the same may be corrected and directed by Engineer-in charge in all respect After the same should be submitted in two no set of fair draing again if any amendment as desired by head office.	1.00	NO			Per running meter			
Total:-									

DNT approved for Rs 99000/- only
at the No. 1017 for year 2021-22

Executive Engineer,
Shimla Rural Division,
H.P. PWD Dharni

SCHEDULE OF QUANTITY
Name of Work: - A/R & M/O on Khel Ka Chaura Baggl Road Km. 0/00 to 12/00 (Sri: Construction of R-wall at Rd. B/W
4/880 to 4/935 and 5/175 to 5/270)

Estimated Cost: - Rs 48924/- only
 Earnest Money: - Rs. 10000/-only
 Time: - One Month

S. No.	Sub head and Items of work	Qty.	Rate		Unit	Amount
			figures	In words		
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 1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603.1 and other deleterious materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-in-Charge.	17.10 Cum	4	5	Per cubic metre	7
2	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts dressing of sides and bottom and backfilling in trenches with excavated suitable material as per MORD specification directed by Engineer-in-Charge.	43.13 Cum			Per cubic metre	
3	Providing and Laying cement concrete for plain / reinforced conc. In open foundation complete as per drawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 (1 Cement : 5 sand: 10 graded stone Aggregate 40 mm nominal mix). Including cartage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	107.73 Cum			Per cubic metre	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8, (i) Granular material, Including cartage of material within all leads upto leads as per the direction of Engineer-in-Charge.	21.66 Cum			Per cubic metre	
5	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full with of the structures with slop of 1(V):20(H) towards drawing face complete as per drawing and technical specification . Including cartage of material upto all leads and lifts as per the direction of Engineer -in-Charge.	13.45 Rmt			Per Running Metre	
6	Providing and erecting a "W"metal beam crash barrier comprisingof 3mm thick corrugated sheet metal rail 70 cm. above road/ground level fixed on GI Sheet channel vertical post 150x75x5 mm spaced 1.5 m center to center, 1.8 m high, 1.1 m below ground /road level, all steel part and filaments to be galvanised by hot dip process, all fitting to conforms to IS:1367 and Is:1364 metal beam rail to be fixed on the vertical post with a spacer of channel section 150x75x5mm,330mm long complete as per clause 810 including high intensity grade all weather proof reflective sheeting multi colour tape fixed with mechanical means with high visible(cautionary) from long distance i.e. in fog prone area, black spot point and narrow curve etc.	19.00 Rmt			Per Running Metre	
7	Providing and laying cement concrete for Plan / reinforced conc. In open foundation complete as per drawing and technical specification clause - 802,803,1202 & 1203 in P.C.C grade M-20 (1:2:4, nominal mix 20mm) Including cartage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	2.22 Cum			Per cubic metre	
0					Total:	

Note : (i) All the material will procured by the contractor him self.

Executive Engineer
 Shimla Rural Division
 HPPWD, Dhami

SCHEDULE OF QUANTITY

Name of Work: - Annual Repair & Maintenance on Rugra Gwahi Rangol via Shalaghat Road Km. 0/00 to 14/00 (SH: Repair of Pot Holes b/w RD's 5/00 to 8/00) Balance work Job No. 1

Estimated Cost: - Rs 412792 /- only
Earnest Money : - Rs. 8000 /-only
Time: - One Month

S. No.	Sub head and items of work	Qty.	Rate		Unit	Amount
			figures	In words		
1	2	3	4	5	6	7
1	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405. By Mechanical Means including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	10.00 Cum			Per cubic metre	
2	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause 1904.2, 503 and 508.1 including carriage of material up to all leads and lifts as per the direction of Engineer-in-Charge.	1047.70 Sqm.			Per Square Metre	
0					Total:	

Note : (i) All the material will be procured by the contractor him self.

Executive Engineer
Shivalik Rural Division
HP Road Dharti

SCHEDULE OF QUANTITY

Name of Work: - Annual Repair & Maintenance on Rugra Gwahi Rangol via Shalaghat Road Km. 0/00 to 14/00 (SH: Repair of Pot Holes b/w RD's 5/00 to 8/00) Balance work Job No. 2

Estimated Cost: - Rs 412792/- only
Earnest Money : - Rs. 8000/- only
Time: - One Month

S. No.	Sub head and items of work	Qty.	Rate		Unit	Amount
			figures	in words		
1	2	3	4	5	6	7
1	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405. By Mechanical Means including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	10.00 Cum			Per cubic metre	
2	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause 1904.2, 503 and 508.1 including carriage of material up to all leads and lifts as per the direction of Engineer-in-Charge.	1047.70 Sqm.			Per Square Metre	
0					Total:	

Note : (i) All the material will procured by the contractor him self.

Executive Engineer
Shirga Rural Divn
HP RD/Dhamla

SCHEDULE OF QUANTITY

Name of Work: - Annual Repair & Maintenance on Rugra Gwahi Rangol via Shalaghat Road Km. 0/00 to 14/00 (SH: Repair of Pot Holes b/w RD's 5/00 to 8/00) Balance work Job No. 3

Estimated Cost: - Rs 412792/- only
Earnest Money : - Rs. 8000/-only
Time: - One Month

S. No.	Sub head and Items of work	Qty.	Rate		Unit	Amount
			figures	In words		
1	2	3	4	5	6	7
1	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405. By Mechanical Means including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge.	10.00 Cum			Per cubic metre	
2	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause 1904.2, 503 and 508.1 including carriage of material up to all leads and lifts as per the direction of Engineer-in-Charge.	1047.70 Sqm.			Per Square Metre	
0					Total:	

Note : (i) All the material will procured by the contractor him self.

Executive Engineer
Shimla Rural Division
HPWD Dharm

SCHEDULE OF QUANTITY

Name of Work: - Construction of Judicial Academy at Ghandal (Sh: Providing and Fixing wire crate in back side of Type-V Qtr to Protect the private land)

Estimated Cost: - Rs 336891/- only
Earnest Money : - Rs. 7000/-only

Time: - One Month

S. No.	Sub head and Items of work	Qty.	Rate		Unit	Amount
			figures	In words		
1	Earthwork in excavation for all type of road structures such as retaining wall, breast wall, culvert, drain and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiseling / weeding out rocks (where blasting is prohibited). Dimensions and other particulars as per drawing and technical specification clause 305.1 (Three hundred five point one) including setting out, Construction of shoring and bracing, removal of stumps and other deleterious material and its disposal including dressing of sides and bottom and backfilling in trenches with excavated suitable material, trimming, filling of unevenness blindages and finishing of the road to specified dimensions. All work of excavation by blasting shall be carried out by taking all necessary precautions against soil erosions, damages to hill side, water pollutions etc. and to protect stability of hill side rock. stacking to materials useful for construction at suitable sites and safe disposal of unserviceable excavated materials in specified manners to dumping site (to be arranged by the contractor) or as directed by the Engineer-in-Charge. Any loss to the public or private property during the course of execution shall be the sole responsibility of the contractor, which shall have to be duly compensated by him at his own cost of all cases.	109.65	Cum		Per cubic metre	
2	Providing and laying of boulder apron laid in wire crates with 4 mm (four millimeter) dia GI wire conforming to IS:280 (two hundred eighty) and IS:4826 (four thousand eight hundred twenty six) in 100 mm x 100 mm (one hundred millimeter) mesh (woven diagonally) including 10 (ten) percent extra for laps and joints laid with stone boulders weighing not less than 25 kg (twenty five kilogramme) each as per drawing and technical specifications clause 1301. (one thousand three hundred one) including carriage of all labour equipment and material to various location through all modes of transportation in all leads lifts all incidental charge.	96.76	Cum		Per Square Metre	
0					Total:	

Note : (i) All the material will be procured by the contractor him self.

Executive Engineer
Shirna Rural Divys
HPPWD Dhantl

Schedule Of Quantity

Name Of Work :- A/R & M/O on Ghanahatti Bajol road km. 6/450 to 14/370 (SH:- Repair of pot holes Rds. 9/400 to 14/370) (Job No.IX)

Estimated Cost:- 4,99,515

Largest Money:- 10000.00

Time:- One Months.

S.No	Description of Work	No. of Qty.		Rate	In words	Unit	Amount
		3	4	In figures	6	7	8
1	2 Providing laying spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness hand rolling with smooth wheel roller 80/100 KN in stages to proper grade and camber, applying and brooming, stone screening/bunding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density grading-III as per technical specification clause 405 using stone aggregate 45 mm to 22.40 mm including hauling of material in all leads and lifts as per the entire satisfaction and direction of the Engineer-in-Charge.	13.02	Cum			Per cubic metre	
2	Repair of pot holes and removal of loose materials trimming of sides, cleaning of surface by providing tack coat, 20 mm thick premix carpet and seal coat type-b specification clause 1904.2.503 and 508.1, including carriage of materials with in all leads and lifts and as per the direction of Engineer in Charge.	1262.39	Sqm			Per Square Metre	
		Total Rs.					

Executive Engineer,
Shimla Rural Division,
HP, MWD, Dharmi.

DRAFT SCHEDULE OF QUANTITY

Name of Work: - Construction of Gharog Naita Road Km. 0/00 to 7/00 (Sh: Providing and Fixing wire crate at Rd. 5/940 to 5/975)

Estimated Cost: - Rs 492727/- only
Earnest Money : - Rs. 10000/-only
Time: - One Month

S. No.	Sub head and Items of work	Qty.	Rate in		Unit	Amount
			figures	In words		
1	2	3	4	5	6	7
1	Earthwork in excavation for all type of road structures such as retaining wall, breast wall, culvert, drain and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiesling / weding out rocks (where blasting is prohibited). Dimensions and other particulars as per drawing and technical specification clause 305.1 (Three hundred five point one) including setting out, Construction of shoring and bracing, removal of stumps and other deleterious material and its disposal including dressing of sides and bottom and backfilling in trenches with excavated suitable material, trimming, filling of unevenness blindages and finishing of the road to specified dimensions. All work of excavation by blasting shall be carried out by taking all necessary precautions against soil erosions, damages to hill side, water pollutions etc, and to protect stability of hill side rock. stacking to materials useful for construction at suitable sites and safe disposal of unserviceable excavated materials in specified manners to dumping site (to be arranged by the contractor) or as directed by the Engineer-in-Charge. Any loss to the public or private property during the course of execution shall be the sole responsibility of the contractor, which shall have to be duly compensated by him at his own cost of all cases.					
2	Providing and laying of boulder apron laid in wire crates with 4 mm (four millimeter) dia GI wire conforming to IS:280 (two hundred eighty) and IS:4826 (four thousand eight hundred twenty six) in 100 mm x 100 mm (one hundred millimeter) mesh (woven diagonally) including 10 (ten) percent extra for laps and joints laid with stone boulders weighing not less than 25 kg (twenty five kilogramme) each as per drawing and technical specifications clause 1301, (one thousand three hundred one) including carriage of all labour equipment and material to various location through all modes of transportation in all leads lifts all incidental charge.					2.00
Total:						492727.00

Note : (i) All the material will procured by the contractor him self.

Draft Schedule of Quantity approved for Rs.492727/- only (Rupees Four Lakhs Ninety Two Thousand Seven Hundred Twenty Seven Only) At Sr. No. 363 year 2022-23

Signature of the Engineer-in-Charge
Sd/-
Sd/-

Himachal Pradesh
Public Works Department

No:-PW/SRDD-CB-CTR-NIT/2022- 9608
To

Dated:- 24/06/22

The Executive Engineer (IT Cell)
H.P.P.W.D. Nigam Vihar Shimla-2.

Subject:-

**Notice Inviting Tender for uploading the same on
departmental website.**

Enclosed please find herewith Notice Inviting Tender (NIT)
of various works in respect of this office for uploading the same on departmental
website.

Encl:-Copy of NIT

Executive Engineer
Shimla Rural Division
HPPWD Dhami