

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

No.PW-NHD-GA-TENDER/2022-23

4919-22

Dated: 6-9-2022

To

✓ The Executive Engineer (IT Cell),
Nigam Vihar Shimla-2

Subject:-

Publication of Notice Inviting Tenders.

Dear Sir,

Enclosed please find herewith the tender Notice for work as given in the Notice inviting Tender for Uploading on departmental website as per notification Pr. Sec. (PW) to the Govt. of HP letter No. PBW(BA9(3)1/2020 dated Shimla-2 16th July 2021. The works mentioned in the tender notice are of urgent nature and in public interest being restoration of rain damages during the monsoon season on various National Highways which has been blocked/ hindered due to heavy rains.

Amal Kumar
Executive Engineer,
National Highway Division,
HP PWD Hamirpur.

Copy to the Superintending Engineer National Highway Circle HPPWD
Shahpur for information please.
Copy to Computer Cell O/O Executive Engineer (IT Cell), Nigam Vihar
Shimla-2 for information and necessary action please.

Executive Engineer,
National Highway Division,
HP, PWD Hamirpur.

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

NOTICE INVITING TENDER

Sealed Tenders on item rate basis are hereby invited on behalf of Governor of H.P. by **Executive Engineer, NH Division, HPPWD, Hamirpur (H.P)** from the experienced contractor/ firms enlisted in appropriate class with HPPWD for the following works. The tender shall be received in this office on or before **20-09-2022 upto 10.30 A.M** and shall be opened on the same day at **11:00 A.M.** in the presence of Contractor/Firms or their authorized/representatives who wish to be present at the time of opening of tender. The application for issue of tender document shall be received upto **19-09-2022 upto 12.00 Noon** on cash payment (Non-Refundable) and tender document will be issued on **the same day from 2.30 P.M. to 5:00 P.M.** If the office happens to be closed on the scheduled date the tender form document will be sold/ opened on the next working day at the same time and venue.

SN	Name of work	Estimated cost	Earnest money	Time allowed	Cost of form	Form No
1	A/R & M/O on NH- 503 Extn Km. 19/0 to 44/700 (SH- Construction of U-shape drain fully covered with RCC slab in Km 41/120 to 41/210(L.H.S)	479219.00	10000.00	one Month	350/-	6&8
2	A/R & M/O on NH-70 Km. 58/400 to 114/0 (SH: - White washing with lime in Km. 58/400 to 114/0).	206951.00	4200.00	one Month	350/-	6&8
3	A/R & M/O on NH-70 Km. 58/400 to 114/0 (SH: - Clearing and grubbing road both sides between Km. 58/400 to 114/0).	301276.00	6500.00	one Month	350/-	6&8
4	A/R & M/O on NH-503 (Extn.) Km. 0/0 to 19/0 (SH: - Providing and laying of interlocking pavers blocks in km. 1/0 to 1/060 (LHS).	204037.00	4100.00	one Month	350/-	6&8
5	A/R & M/O on NH-503 (Extn.) Km. 0/0 to 19/0 (SH: - C/O PCC retaining wall at Km. 10/660 to 10/675 LHS) and P/F interlocking paver blocks at Km. 10/650 to 10/675 (LHS).	499985.00	10000.00	one Month	350/-	6&8
6	A/R & M/O on NH-70 (New NH-03) Km. 58/400 to 114/0 (SH: - Construction of Retaining wall at RD 85/495 to 85/511 (RHS).	474366.00	10000.00	Two Month	350/-	6&8
7	A/R & M/o on NH-20A km. 39/00 to 91/0 (SH:- Supply and installation of 2 Nos. computer for NH Division Hamirpur	126500.00	2600.00	15 days	350/-	6&8
8	A/R & M/O on NH-70 (New NH-03) km.58/400 to 114/0 (SH:- Printing and supplying of PWD Tender Form No.6 & 8 for NH Sub Division, HP, PWD., Amb)	190000.00	4000.00	15 days	350/-	6&8
9	A/R & M/O on NH- 20A (503) Km. 39/0 to 91/0 Raintal-Mubarikpur (SH:- White washing with lime in Km. 39/0 to 91/00)	295500.00	6500.00	one Month	350/-	6&8
10	A/R & M/O on NH- 205 Km 111/0 to 118/0(Nauni Brahampukhar) (SH:-Repair of Pot holes in Km. 114/020 to 118/0	477532.00	10000.00	one Month	350/-	6&8
11	A/R & M/O on NH- 205 Km 111/0 to 118/0(Nauni Brahampukhar) (SH:-Repair of Pot holes in Km. 111/00 to 114/00 and providing and laying thermoplastic paint at RD 112/00 to 113/500	493066.00	10000.00	one Month	350/-	6&8
12	A/R & M/O on NH- 205 Km 111/0 to 118/0(Nauni Brahampukhar) (SH:-Construction of Rain shelter at RD 113/210)	498500.00	10000.00	one Month	350/-	6&8
13	A/R & M/O on NH- 70 Km (New NH-03)Km. 58/400 to 196/495 (SH:- Construction of R/wall in Km. 187/749 to 187/760	372443.00	7500.00	one Month	350/-	6&8
14	A/R & M/O on NH- 70 Km (New NH-03)Km. 58/400 to 196/495 (SH:- Construction of R/wall in Km. 187/762 to 187/773)	372443.00	7500.00	one Month	350/-	6&8

15	A/R & M/O on NH- 70 Km (New NH-03)Km. 58/400 to 196/495 (SH:- Repair of patch /Pot holes with Road Bond, White washing & Grass cutting in Km.184/758 to 196/495	450000.00	9000.00	one Month	350/-	6&8
16	A/R & M/O on NH-70 (New NH-03) Km. 58/400 to 196/495 (SH: Repair of pot holes,white washing, berms dressing, clearanace of drain and C/o V-shape drain & paved shoulder at various RD's 137/450 to 141/0	498000.00	10000.00	Two Months	350/-	6&8

Draft notice inviting/ specification special conditions can be seen in this office on any working day between **11:00 AM to 4:00 PM** ambiguous/ Telegraphic conditional tenders by fax shall not be entertained/ considered in any case. The contractors/ firms are requested to insert the rate of each item in words as well as in figure, failing which Executive Engineer, reserves the right to accept/ reject any or all tenders. The intending contractors/ firms are requested to see the site of work before submitting the tenders. All the application must accompanied with the Earnest Money in the shape of call at deposit/ N.S.C. purchased from any post office in H.P/FDR from any nationalized bank duly pledged in favour of Executive Engineer. The application without earnest money will not be entertained and out rightly rejected.

CONDITIONS:- The following document are required to be attached with the application:-

- 1 A copy of valid enlistment and renewal certificate.
- 2 A copy of GST
- 3 Any other information as desired by the Executive Engineer. Any application not accompanied by above documents shall not be entertained. The tender shall be issued to those contractors/ firms who are found eligible, suitable and competent. The decision of the Executive Engineer, regarding suitability, eligibility and competence of the contractor/ firm applying for issue of tenders shall be final. In case, of any information supplied by the contractor/ firm, is found false at any stage the tender is liable to be rejected and action taken against contractor/ firm.
- 4 Copy of Pan Card.

Executive Engineer,
NH Division, HPPWD
Hamirpur.

NO.PW-NHD-HMR-GA-TENDER/2022-23

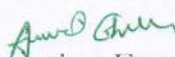
COPY FORWARDED TO THE FOLOWING:

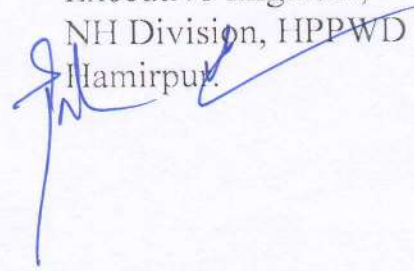
- 1 The Engineer-in-Chief, HPPWD, Shimla-I
- 2 The Chief Engineer (NH), HPPWD, Shimla-I.
- 3 All the Superintending Engineer, NH/B&R in HP.
- 4 The D.C Hamirpur District Kangra at Dharamshala.
- 5 The D.C Hamirpur District Hamirpur.
- 6 All the Executive Engineer, NH/B&R in HP.
- 7 The Sub-Divisional Officer (Civil) Hamirpur Hamirpur District Hamirpur.
- 8 All the Assistant Engineer, NH/B&R in HP.
- 9 The B.D.O. Hamirpur District Hamirpur.
- 10 The Executive Officer, Muncipal Committee Hamirpur
- 11 Secretary Zila Parishad Hamirpur
- 12 All the Contractors/ Suppliers working under HPPWD Hamirpur.
- 13 All the Head of Branches of this office.
- 14 Notice Board

4888-4918
DATED: 6-9-2022
Executive Engineer,
NH Division, HPPWD
Hamirpur.

Certificate

Certified that the tenders called vide this office letter No. NO.PW-NHD-IHMR-GA-TENDER/2022-23 4888-4918 DATED: - 06-09-2022 are of emergent/ urgent nature and in public interest being restoration of rain damages on various National Highways falls under the jurisdiction of this division during the monsoon season.


Executive Engineer,
NH Division, HPPWD
Hamirpur.



SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 479219.00
 Earnest Money:- Rs. 10000.00
 Time:- One Month

Name of work :A/R & M/O NH-503 Extn at Km 19/00 to 44/700 (SH- Construction of U-shape drain fully covered with RCC covers in Km 41/120 to 41/210 L.H.S).

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for all type of road structure such as retaining walls, breast walls, culverts, drains and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rocks, chiseling/wedging out of rock (where blasting is prohibited) as per drawings and technical specification clause 305.1 and as per direction of the Engineer-in-charge including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal of materials upto all lead and lift, including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (One hundred fifty millimeter) compacted thickness including shoring and structing and pumping and bailing out water (surface and sub soil water upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering as per the direction of the Engineer-in-Charge and carriage of material within all leads and lifts and other incidentals charges.	103.95			Per Cubic meter	
2	Providing and laying, mechanically mixed & vibrated concrete for plain/ reinforced concrete in open foundation complete as per drawings and technical specifications clause 802,803,1202 & 1203, PCC Grade M10 (Nominal mix 1:3:6) (One cement : three sand : six graded/ crushed stone aggregates 20mm (Twenty millimeter) nominal size) including entire carriage of materials within all leads and lifts and as per the direction of Engineer-in-charge.	46.350			Per Cubic meter	
3	Providing concrete for plain/reinforced concrete in open foundation complete as per drawings and technical specifications clause 802, 804,805,806, 807, 1202 and 1204 RCC M-25(1:1.5:3) (One cement : One point five sand : three aggregate) all carriage of material in all leads and lifts & as per direction of Engineer in charge.	14.85			Per Cubic meter	
4	Supplying, fitting and placing TMT bar reinforcement (Fe 415) in substructure complete as per drawings and technical specifications Clauses 1002, 1005,1010 & 1202 including carriage of material and equipment in all leads and lifts with all mode of transportation and as per the direction of Engineer-in-Charge.	2.1546			Per MetricTonne	
	G. Total					


 Executive Engineer,
 National Highway Division,
 HP.PWD., Hamirpur (HP)

Job No: 2

SCHEDULE OF QUANTITY

Name of work :- A/R & M/o on NH-70 Km 58/400 to 114/0 (SH:-White washing with lime in Km. 58/400 to 114/0)					
Sr No.	Description of item.	Qty.	Rate		Amount
			In Figure	In Words	
1	White washing of parapet walls of CD work and tree trunks, white washing two coats on parapets walls, CD works and tree trunks including preparation of surface by cleaning scrapping etc. as per technical specifications Clause 1915 in direction of Engineer-in-Charge.	12173.57			Per Square meter
G. Total					

Estimated Cost:- Rs.

206951.00

Earnest Money:- Rs.

4200.00

One Month

Time: -

Arvind Kumar
 Executive Engineer,
 National Highway Division,
 HP.PWD., Hamirpur (HP)

3

SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY						Estimated Cost:- Rs. 301276.00
						Earnest Money:- Rs. 6500.00
						Time:- One Month
Name of work :- A/R & M/o on NH-70 Km 58/400 to 114/0 (SH:- Clearing and grubbing road both sides between Km. 58/400 to 114/0)						
Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Clearing and grubbing road land including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300mm (Three hundred millimeter), removal of stumps of scuh trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, upto a lead of 1000m (One thousand meter) including removal and disposal of top organic soil not exceeding 150mm (one hundred fifty millimeter) in thickness as per Technical Specification clause201. By manual means (In area of thorny jungle) including carriage of material in all leads and lifts and as per direction of the Engineer-in-charge	54777.450			Per square meter	
G.Total						


Executive Engineer,
National Highway Division,
HP.PWD., Hamirpur (HP)

SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 204037.00
Earnest Money:- Rs. 4100.00
Time: - One Month

Name of work :-A/R & M/O on NH- 503 Extn road Km. 0/0 to 19/00 ((SH- Providing Laying of interlocking pavers blocks in Km. 1/0 to 1/060 (LHS)

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation of foundation of structures up to 3.00 meter depth as per drawing and technical specification clause 1104 including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material. as per the direction of the Engineer-in-Charge and carriage of material within all leads and lifts and other incidentals charges.	41.40			Per Cubic meter	
2	Providing , laying, spreading and compating specified graded sand, stone aggregate or any coarse material as per MORTH specifications (Table 400.1) gradation-II of C.B.R value not less than 20 in lower granular sub base course 200mm (Two hundred millimeter)thick including mixing the material to OMC, spreading with motor grader on a prepared base compacting with vibratory road roller to achieve the desired density including all materails, labour, machinery ,etc. complete. item to include all incidental work including mechanical transport within all leads & lifts required to execute the job as per MORTH specifications including carriage of material with in all leads and lifts as per the direction of Engineer-in-Charge.	24.00			Per Cubic meter	
3	Providing PCC Grade M15 concrete Nominal mix for plain /reinforced concrete in open foundations complete as per drawings and technical secifications clause 802,803,1202 & 1203 including entire carriage of materials within all leads and lifts and as per the direction of Engineer-in-charge.	5.81			Per Cubic meter	
4	Providing and laying of interlocking concrete block pavements having thickness 80 mm as per drawing and technical specifications clause 1504. including carriage of material with in all leads and lifts as per the direction of Engineer-in-Charge.	120.00			Per square meter	
	G. Total					

And Give
Executive Engineer,
National Highway Division,
HP.PWD., Hamirpur (HP)

Job No = 5

SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 49985.00
 Earnest Money:- Rs. 10000.00
 Time: - One Month

Name of work :-A/R & M/O on NH- 503 Extn. Km. 0/0 to 19/00 (SH- C/O PCC retaining wall at km. 10/660 to 10/675 (LHS) and P/F interlocking pavers blocks in Km. 10/650 to 10/675 (LHS)

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation of foundation of structures up to 3.00 meter depth as per drawing and technical specification clause 1104 including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material. as per the direction of the Engineer-in-Charge and carriage of material within all leads and lifts and other incidentals charges.	32.85			Per Cubic meter	
2	Providing and laying, mechanically mixed & vibrated concrete for plain/ reinforced concrete in open foundation complete as per drawings and technical specifications clause 802,803,1202 & 1203. PCC Grade M10 (Nominal mix 1:3:6) (One cement : three sand : six graded/ crushed stone aggregates 20mm (Twenty millimeter) nominal size) including entire carriage of materials within all leads and lifts and as per the direction of Engineer-in-charge.	20.25			Per Cubic meter	
3	Providing PCC Grade M15 concrete Nominal mix for plain /reinforced concrete in open foundations complete as per drawings and technical secifications clause 802,803,1202 & 1203 including entire carriage of materials within all leads and lifts and as per the direction of Engineer-in-charge.	53.81			Per Cubic meter	
4	Providing weep holes in brick masonry/ plain /reinforced concrete abutment wing wall/ return wall etc.with 100mm dia (One Hundred Millimeters) PVC pipe extended through the full width of the structure with slope of 1(V) 20H towards drainage face complete as per drawing and technical specification clauses 614, 709, 1204.3.7. including carriage of material with in all leads and lifts as per the direction of Engineer-in-Charge.	36.00			Each	
5	Back filling with granular material wing walls, return walls and retaining walls complete as pe drawing and technical specifications clause 1204.3.8 and as per direction of Engineer-in-Charge including entire carriage of material within all leads and lifts and other incidentals charges.	10.35			Per Cubic meter	
6	Providing and laying of interlocking concrete block pavements having thickness 80 mm as per drawing and technical specifications clause 1504. including carriage of material with in all leads and lifts as per the direction of Engineer-in-Charge.	135.00			Per square meter	
	G. Total					

Amit Kumar
 Executive Engineer,
 National Highway Division,
 HP.PWD., Hamirpur (HP)

Job No = 6

SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 474366.00
Earnest Money:- Rs. 10000.00
Time:- Two Months

Name of work :A/R & M/o on NH-70 (New NH-03) Km 58/400 to 114/0 (SH: Construction of Retaining wall at RD 85/495 to 85/511 (RHS)

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for all type of road structure such as retaining walls, breast walls, culverts, drains and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rocks, chiseling/ wedging out of rock (where blasting is prohibited) as per drawings and technical specification clause 305.1 and as per direction of the Engineer-in-charge including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal of materials upto all lead and lift, including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (One hundred fifty millimeter) compacted thickness including shoring and structing and pumping and bailing out water (surface and sub soil water upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering as per the direction of the Engineer-in-Charge and carriage of material within all leads and lifts and other incidentals charges.	40.32			Per Cubic meter	
2	Providing PCC Grade M15 concrete Nominal mix for plain /reinforced concrete in open foundations complete as per drawings and technical secifications clause 802,803,1202 & 1203 including entire carriage of materials within all leads and lifts and as per the direction of Engineer-in-charge.	94.83			Per Cubic meter	
3	Providing weep holes in brick masonry/ plain /reinforced concrete abutment wing wall/ return wall etc.with 100mm dia (One Hundred Millimeters) PVC pipe extended through the full width of the structure with slope of 1(V) 20H towards drainage face complete as per drawing and technical specification clauses 614, 709, 1204.3.7 including carriage of material with in all leads and lifts as per the direction of Engineer-in-Charge.	42			Each	
4	Back filling with granular material wing walls, return walls and retaining walls complete as per drawing and technical specifications clause 1204.3.8 and as per direction of Engineer-in-Charge including entire carriage of material within all leads and lifts and other incidentals charges.	25.92			Per Cubic meter	
	G. Total					

Anil Kumar
Executive Engineer,
National Highway Division,
HP.PWD., Hamirpur (HP)

Job No-7

SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY							Estimated Cost:- Rs. 126500.00
							Earnest Money:- Rs. 2600.00
							Time: - 15 days
Name of work :- A/R & M/o on NH-20A km 39/0 to 91/0 (SH:- Supply and installation of 2 Nos. computer for NH Division Hamirpur)							
Sr No.	Description of item.	Qty.	Rate		Unit	Amount	
			In Figure	In Words			
1	<u>Supplying and installation of Desktop HP All in one i3 Processor RAM 8 GB/ 512 GB SSD window 11 office 2021 with One year on site warranty including entire carriage of material within all leads and lifts and other incidentals. The rates are inclusive octroi , royalty , Malkana, toll tax, GST or other taxes imposed by the Government</u>	2			Each		
2	<u>Supplying and installation of LED Monitor Screen with One year on site warranty including entire carriage of material within all leads and lifts and other incidentals. The rates are inclusive octroi , royalty , Malkana, toll tax, GST or other taxes imposed by the Government</u>	2			Each		
		G.Total					


Executive Engineer,
National Highway Division,
HP.PWD., Hamirpur (HP)

Job No = 8

SCHEDULE OF QUANTITY

Estimated Cost:- 190000.00
Earnest Money:- 4000.00
Time:- 15 days

Name of Work:- A/R & M/O on NH-70 (New NH-03) km. 58/400 to 114/0 (SH:- Printing and supplying of PWD Tender Form No.6 & 8 for NH Sub Division, HP.
PWD., Amb)

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Printing and supplying of PWD Tender Form No.6 & 8 for NH Sub Division, HP. PWD., Amb) including GST as per the direction of Engineer-in-charge.					
	PWD Tender Form No.6	1000.00			Per 1000 Nos.	
	PWD Tender Form No. 8	1000.00			Each.	
					Total	


Executive Engineer,
National Highway Division,
HP.PWD., Hamirpur

Job No = 9

SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 295500.00
 Earnest Money:- Rs. 6500.00
 Time: - One Month

Name of work :- A/R & M/o on NH-20A km 39/0 to 91/0 Ranital- Mubarikpur (SH:-White washing with lime in Km. 39/0 to 91/00)					
Sr No.	Description of item.	Qty.	Rate		Unit
			In Figure	In Words	
1	White washing of parapet walls of CD work and tree trunks, white washing two coats on parapets walls, CD works and tree trunks including preparation of surface by cleaning scrapping etc. as per technical specifications Clause 1915 in direction of Engineer-in-Charge.	19700.00			Per Square meter
G. Total					

Amal Kumar
 Executive Engineer,
 National Highway Division,
 HP.PWD., Hamirpur (HP)

Job No 10

SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 477532.00
 Earnest Money:- Rs. 10000.00
 Time: - One Month

Name of work :- A/R & M/o on NH-205 km 111/0 to 118/0 (Nauni to Brahampukhar) (SH:-Repair of Pot holes in Km.114/020 to 118/0)

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Repair of pot holes and removal of loose material trimming of sides cleaning of surface by using ready mix road bond of approved quality per directions of Engineer-in-Charge . including entire carriage of material within all leads and lifts and other incidentals. The rates are inclusive octroi , royalty , Malkana, toll tax, GST or other taxes imposed by the Government	1273.418			Per Square meter	
G. Total						

Anil Kumar
 Executive Engineer,
 National Highway Division,
 HP.PWD., Hamirpur (HP)

Job No:- 11

Earnest Money:- Rs.

10000.00

One Month

Name of work :- A/R & M/o on NH-205 km 111/0 to 118/0 (Nauni to Brahmampukhar) (SH:-Repair of Pot holes in Km.111/00 to 114/0 and Providing and laying thermoplastic paint at RD 112/00 to 113/500)

Time: -

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Repair of pot holes and removal of loose material trimming of sides cleaning of surface by using ready mix road bond of approved quality per directions of Engineer-in-Charge . including entire carriage of material within all leads and lifts and other incidentals. The rates are inclusive octroi , royalty , Malkana, toll tax, GST or other taxes imposed by the Government	287.018			Per Square meter	
2	Providing and laying of hot applied thermoplastic compound as per MoRT&H specification 803 (5th revision) & IRC :35, 2.5mm (Two point five millimeter) thick including reflectorising glass beads @ 250 gms per sqm (Two hundred fifty gms per sqm) , thickness of 2.5mm (Two point five millimeter) is exclusive of surface applied glass beads as per IRC : 35. The finished surface to be level, uniform and free from streaks and holes as per drawings and Technical Specification Clause 801 including carriage of materials, labour, machinery/equipment required to complete the job within all lead, lifts and other incidentals as per the direction of Engineer-in-Charge.	558.600			Per Square meter	
	G. Total					

Amit Kumar

Executive Engineer,
National Highway Division,
HP.PWD., Hamirpur (HP)

4988500.00
10000.00
One Month

Name of Work:- A/R & M/O on NH- 205 Km 111/0 to 118/0(Nauni Brahampukhar) (SH:-Construction of Rain shelter at RD 113/210)

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Excavation in foundations and trenches etc. in earth in all classification of soil such as pick work jumper work pick jumper work blasting work and hard blasting and saturated soil including chiseling or any mixed variety of soil, dewatering and removal of slash and other incidentals lift up to any height. Stacking the excavated soil up to any leads and lifts clear from the edge of excavation and then returning the stacked soil in 15 cm layers when required in to plinth side of foundation etc. consolidating each deposited layers by ramming, watering and then depositing of all surplus excavated earth as directed by the Engineer-in-charge.	11.00			Per Cubic meter	
2	Excavation in earth work and filling in 15 cm layers in foundation and plinths including ramming, watering and consolidating up to all leads and lifts and carriage of materials within all leads and lifts and other incidentals complete as per the direction of Engineer-in-Charge.	6.57			Per Cubic meter	
3	Filling in plinth with sand under floors including watering ramming consolidating and dressed complete and carriage of materials within all leads and lifts and other incidentals complete as per the direction of Engineer-in-Charge.	1.50			Per Cubic meter	
4	Providing and laying 1:4:8 (1cement: 4sand:8crushed graded stone aggregates 40 mm nominal size) and curing complete excluding cost of centering and shuttering in foundation and plinth and carriage of materials within all leads and lifts and other incidentals complete as per the direction of Engineer-in-Charge.	2.03			Per Cubic meter	
5	Providing form work with steel plates 3.15 mm thick welded with angle iron frame in 30 x 30 x 5 mm so as to give a fair finish including centering, shuttering, strutting and propping etc. with wood battens and ballies height of propping and centering below supporting floor, to ceiling not exceeding 4 mtrs and removal of the same for insitu reinforced concrete and plain concrete work in flat surface such as soffits of suspended floors, roofs, landing and the like. Floor etc. upto 200mm in thickness (vertical surfaces) and carriage of materials within all leads and lifts and other incidentals complete as per the direction of Engineer-in-Charge.	4.35			Per Square meter	
6	Providing and laying cement concrete 1:2:4(1cement:2sand:4crushed graded stone aggregates 20mm nominal size) and curing complete excluding cost of form work and reinforcement for reinforced concrete work in suspended floor roofs landing balconies beams girders bressummers and cantilever up to floor two level including carriage of material within all leads and lifts and other incidentals and carriage of materials within all leads and lifts and other incidentals complete as per the direction of Engineer-in-Charge.	0.75			Per Cubic meter	
7	2 nd class brick masonry in common burnt clay building bricks in foundation and plinth C.M:1:4 (One cement: four sand) up to floor all level including carriage of material within all leads and lifts and other incidentals and carriage of materials within all leads and lifts and other incidentals complete as per the direction of Engineer-in-Charge.	3.75			Per Cubic meter	
8	15mm cement plaster in single coat on the rough side of bricks/conc. Stone walls for interior plastering up to floor level i/c arises internal rounded angles chamfers and or rounded angles not exceeding 80mm in girth and finished and smooth. Cement mortar 1:5 (one cement: five sand) including carriage of material within all leads and lifts and other incidentals and carriage of materials within all leads and lifts and other incidentals complete as per the direction of Engineer-in-Charge.	7.20			Per Cubic meter	
9	Providing plinth protection 50mm thick in cement mortar 1:3:6 (1cement:3sand:6crushed graded stone aggregate of 20mm nominal size) and carriage of materials within all leads and lifts and other incidentals complete as per the direction of Engineer-in-Charge.	13.73			Per Square meter	
10	Providing under layer for plinth protection of 75mm thick (unconsolidated) bed dry brick/stone aggregate 40mm nominal size with rammed, consolidated and grouted with preparation of ground and carriage of materials within all leads and lifts and other incidentals complete as per the direction of Engineer-in-Charge.	13.73			Per Square meter	
11	Steel work welded in built up sections, trusses and framed work including cutting, hoisting, fixing in position and applying a priming coat or red lead paint in beams joists channels, angles, tees, flats with connecting plates or angle cleats as in main and cross beams, hips and jack rafters, purflins connected to common rafters and the like and carriage of materials within all leads and lifts and other incidentals complete as per the direction of Engineer-in-Charge.	7.97			PerQlt	
12	Steel work welded in built up sections Anar kali type cast iron jali work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint in grating framed guard bars, ladders, railing and similar works and carriage of materials within all leads and lifts and other incidentals complete as per the direction of Engineer-in-Charge.	2150.00			Per Kg	
13	Providing and fixing Mild steel BP sheet 1.66 mm 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) and carriage of materials within all leads and lifts and other incidentals complete as per the direction of Engineer-in-Charge.	17.08			Per Square meter	

14	Providing and fixing 0.60mm thick pre-painted steel sheet in roofing (Khaprail type) 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 tack coat of polyester of 5 microns over 5 microns primer coating including fixing with pre-painted iron J or L hooks, bolts and nuts 6mm dia with pre-painted limpet and rubber washers complete with all accessories as required as per the direction of Engineer in charge and carriage of materials within all leads and lifts and other incidentals complete as per the direction of Engineer-in-Charge.	41.15			Per Square meter
15	Providing and fixing ridges or hips 60 cm overall with 0.60mm thick pre-painted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 microns over 5 microns primer coating to tack coat of polyester of 5 microns over 5 microns primer coating including fixing with pre-painted iron J or L hooks, bolts and nuts 6mm dia and pre-painted G.I. limpet and bitumen washers complete with all accessories as required as per the direction of Engineer in charge and carriage of materials within all leads and lifts and other incidentals complete as per the direction of Engineer-in-Charge.	18.90			Per Rmt.
16	Kota stone slab flooring minimum size 55 x 55 cm. 20mm thick base of cement mortar 1:4 (1cement:4sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing complete 30mm thick and carriage of materials within all leads and lifts and other incidentals complete as per the direction of Engineer-in-Charge.	20.88			Per Square meter
17	Kota stone slab 25mm thick in risers of steps, skirting dado and pillars laid on 12mm thick cement mortar 1:3 (1cement:3sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing complete granite finish and carriage of materials within all leads and lifts and other incidentals complete as per the direction of Engineer-in-Charge.	20.70			Per Square meter
18	Providing and laying granite stone in flooring 20mm(average) thickness base of cement mortar 1:3 (1cement:3 sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone i/c rubbing and polishing complete. 20mm.thick and carriage of materials within all leads and lifts and other incidentals complete as per the direction of Engineer-in-Charge.	0.48			Per Square meter
19	Providing and fixing Eversest fibre cement sheet ceiling fire resistant, moisture resistant size 610x610x6mm of approved quality with butt jointing and stainless screws (frame work and cover fillets to be measured and paid for separately(AR) and carriage of materials within all leads and lifts and other incidentals complete as per the direction of Engineer-in-Charge.	13.70			Per Square meter
20	Painting two coats (excluding priming coat) on new steel and other metal surfaces with enamel paint brushing to give and even shade includes cleaning the surfaces of all dirt, dust and other foreign matter with enamel white paint and carriage of materials within all leads and lifts and other incidentals complete as per the direction of Engineer-in-Charge.	39.66			Per Square meter
21	Random rubble masonry/polygonal rubble masonry (uncoursed/brought to course) with hard stones of approved quality in foundation and plinth including levelling up with cement concrete 1:6: 12(One cement: Six Sand : Twelve graded crushed stone aggregate. 20 mm (Twenty millimetres) nominal size at plinth level in cement mortar 1:6 (one Cement : six sand) including carriage of material and other incidentals in all leads and lifts and as per the direction of the Engineer-in Charge.	2.50			Per Cubic Metre
				Total	


 Executive Engineer,
 National Highway Division,
 HP.PWD., Hamirpur

Job No = 13

SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 372443.00
 Earnest Money:- Rs. 7500.00
 Time: - One Month

Name of work :- A/R & M/O on NH-70 (New NH-03) km. 58/400 to 196/495 (SH- Construction of R/wall in km. 187/749 to 187/760)

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for all type of road structure such as retaining walls, breast walls, culverts, drains and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rocks, chiseling/ wedging out of rock (where blasting is prohibited) as per drawings and technical specification clause 305.1 and as per direction of the Engineer-in-charge including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal of materials upto all lead and lift, including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (One hundred fifty millimeter) compacted thickness including shoring and structting and pumping and bailing out water (surface and sub soil water upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering as per the direction of the Engineer-in-Charge and carriage of material within all leads and lifts and other incidentals charges.	27.20			Per Cubic meter	
2	Providing and laying, mechanically mixed & vibrated concrete for plain/ reinforced concrete in open foundation complete as per drawings and technical specifications clause 802,803,1202 & 1203. PCC Grade M10 (Nominal mix 1:3:6) (One cement : three sand : six graded/ crushed stone aggregates 20mm (Twenty millimeter) nominal size) including entire carriage of materials within all leads and lifts and as per the direction of Engineer-in-charge.	83.50			Per Cubic meter	
3	Providing weep holes in brick masonry/ plain /reinforced concrete abutment wing wall/ return wall etc.with 100mm dia (One Hundred Millimeters) PVC pipe extended through the full width of the structure with slope of 1(V) 20H towards drainage face complete as per drawing and technical specification clauses 614, 709, 1204.3.7 including carriage of material with in all leads and lifts as per the direction of Engineer-in-Charge.	15.00			Each	
4	Back filling with granular material wing walls, return walls and retaining walls complete as pe drawing and technical specifications clause 1204.3.8 and as per direction of Engineer-in-Charge including entire carriage of material within all leads and lifts and other incidentals charges.	22.00			Per Cubic meter	
	G. Total					

Amal Kumar
 Executive Engineer,
 National Highway Division,
 HP.PWD., Hamirpur (HP)

Job No - 14

SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 372443.00
 Earnest Money:- Rs. 7500.00
 Time:- - One Month

Name of work :- A/R & M/O on NH-70 (New NH-03) km. 58/400 to 196/495 (SH- Construction of R/wall in km. 187/762 to 187/773)

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation for all type of road structure such as retaining walls, breast walls, culverts, drains and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rocks, chiseling/wedging out of rock (where blasting is prohibited) as per drawings and technical specification clause 305.1 and as per direction of the Engineer-in-charge including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal of materials upto all lead and lift, including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (One hundred fifty millimeter) compacted thickness including shoring and structing and pumping and bailing out water (surface and sub soil water upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering as per the direction of the Engineer-in-Charge and carriage of material within all leads and lifts and other incidentals charges.	27.20			Per Cubic meter	
2	Providing and laying, mechanically mixed & vibrated concrete for plain/ reinforced concrete in open foundation complete as per drawings and technical specifications clause 802,803,1202 & 1203. PCC Grade M10 (Nominal mix 1:3:6) (One cement : three sand : six graded/ crushed stone aggregates 20mm (Twenty millimeter) nominal size) including entire carriage of materials within all leads and lifts and as per the direction of Engineer-in-charge.	83.50			Per Cubic meter	
3	Providing weep holes in brick masonry/ plain /reinforced concrete abutment wing wall/ return wall etc.with 100mm dia (One Hundred Millimeters) PVC pipe extended through the full width of the structure with slope of 1(V) 20H towards drainage face complete as per drawing and technical specification clauses 614, 709, 1204.3.7 including carriage of material with in all leads and lifts as per the direction of Engineer-in-Charge.	15.00			Each	
4	Back filling with granular material wing walls, return walls and retaining walls complete as pe drawing and technical specifications clause 1204.3.8 and as per direction of Engineer-in-Charge including entire carriage of material within all leads and lifts and other incidentals charges.	22.00			Per Cubic meter	
	G. Total					

Adarsh
 Executive Engineer,
 National Highway Division,
 HP.PWD., Hamirpur (HP)

Job No = 15

SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 450000.00
 Earnest Money:- Rs. 9000.00
 Time: - One Month

Name of work :- A/R & M/O on NH- 70 Km (New NH-03)Km. 58/400 to 196/495 (SH:- Repair of patch /Pot holes with Road Bond, white washing & grass cutting in Km.184/758 to 196/495

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	White washing of parapet walls of CD work and tree trunks, white washing two coats on parapets walls, CD works and tree trunks including preparation of surface by cleaning scrapping etc. as per technical specifications Clause 1915 in direction of Engineer-in-Charge.	7295.30			Per Square meter	
2	Clearing and grubbing road land including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300mm (Three hundred millimeter), removal of stumps of scuh trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, upto a lead of 1000m (One thousand meter) including removal and disposal of top organic soil not exceeding 150mm (one hundred fifty millimeter) in thickness as per Technical Specification clause 201. By manual means (In area of thorny jungle) including carriage of material in all leads and lifts and as per direction of the Engineer-in-charge	25682.500			Per square meter	
3	Repair of pot holes and removal of loose material trimming of sides cleaning of surface by using ready mix road bond of approved quality per directions of Engineer-in-Charge. including entire carriage of material within all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, GST or other taxes imposed by the Government	553.650			Per Square meter	
	G. Total					

Audam
 Executive Engineer,
 National Highway Division,
 HP.PWD., Hamirgar (HP)

Job No = 16

SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 498000.00
Earnest Money:- Rs. 10000.00
Time: - Two Months

Name of work :- A/R & M/O on NH-70 (New NH-03) Km. 58/400 to 196/495 (SH: Repair of pot holes, white washing, berms dressing, clearance of drain and C/o V-shape drain & paved shoulder at various RD's 137/450 to 141/0)

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation of foundation of structure up to 3.00 meter depth as per drawing and technical specification clause 1104 including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material.	41.00			Per Cubic meter	
2	Repairing of patch/ pot holes (any Depth) including sweeping brooming to clear all dust and mud from the surfaces in road, etc. cutting around edges to at least 25 mm (Twenty five millimeter) in depth and removal of loose material, trimming of sides, cleaning of surfaces and making good by providing and applying tack coat bitumen emulsion VG-10 at the rate of 0.50 Kg/ square meter (Zero point five zero kilogrammes/ per square meter) and then providing 20mm (Twenty millimeter) thick premix carpet using VG-10 bitumen @ 1.46 Kg/ sqm (One point four six Kilogrammes/ per square meter) and seal coat type B with VG-10 bitumen @ 0.68 Kg/ sqm (Zero point six eight Kilogramme/ per square meter) as per technical specification clause 1904.2, 503 and 508.2 including carriage of materials in all leads and lifts as per direction of Engineer-in-charge.	480.00			Per Square meter	
3	White washing of parapet walls of CD work and tree trunks, white washing two coats on parapets walls, CD works and tree trunks including preparation of surface by cleaning scrapping etc. as per technical specifications Clause 1915 in direction of Engineer-in-Charge.	450.00			Per Square meter	
4	Providing P.C.C grade M 15 concrete Nominal mix for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	83.50			Per Cubic meter	
	G. Total					

Signature
Executive Engineer,
National Highway Division,
HP.PWD., Hamirpur (HP)