

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

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

5701-03

Dated: 22-9-2022

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.

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

Copy to the Superintending Engineer National Highway Circle HPPWD Shahpur for information please.

Copu to Computer Cell O/O Executive Engineer (IT Cell), Nigam Vihar Shimla-2 for inform ation 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 30-09-2022 upto 11.00 A.M and shall be opened on the same day at 11:30 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 28-09-2022 upto 4:00 P.M. on cash payment (Non-Refundable) and tender document will be issued on 29-09-2022 upto 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-503A Km. 0/0 to 70/0 (SH:- Repair of Pot holes with Bituminous concrete in Km. 57/0 to 62/0)	495929.00	10000.00	one Month	350/-	6&8
2	A/R & M/o on NH-20A (New NH-503) km 39/0 to 91/0 (SH:-Construction of Retaining wall at RD 46/160 to 46/172 (R.H.S)	207863.00	4500.00	one Month	350/-	6&8
3	A/R & M/o on NH-20A (New NH-503) km 39/0 to 91/0 (SH:-Construction of Retaining wall at RD 78/400 to 78/407 (R.H.S)	120224.00	2500.00	one Month	350/-	6&8
4	A/R & M/o on NH-20A (New NH-503) km 39/0 to 91/0. (SH:-Repair of Pot holes with Bituminous concrete in Km.39/0 to 55/0)	153811.00	3200.00	one Month	350/-	6&8
5	A/R & M/O on NH-70 Between 58/400 to 114/00 (SH:-Repair of Pot holes with Bituminous concrete from Km.100/0 to 105/0)	499070.00	10000.00	one Month	350/-	6&8
6	A/R & M/O on NH-70 Between 58/400 to 114/00 (SH:-Repair of Pot holes with Bituminous concrete from Km.106/0 to 114/0)	498609.00	10000.00	one Month	350/-	6&8
7	A/R & M/O on NH-70 km. 58/400 to 196/495 (SH:- Construction of R/ wall in Km. 193/785 to 193/789.30 (R.H.S)	425400.00	8600.00	Two Months	350/-	6&8
8	A/R & M/o on NH-205 km 111/0 to 118/0 (SH:- Providing and laying of hot thermoplastic paint at RD 111/00 to 112/00 and 113/500 to 114/0 and white washing at RD 111/0 to 118/0 and Bush cutting at RD 111/0 to 118/0)	462314.00	9500.00	One Months	350/-	6&8
9	A/R & M/O on NH-70 km. 58/400 to 114/00) (SH-P/F steel grating from Km. 75/090 to 75/110(LHS) on Existing U-Shape drain and P/L interlocking pavers blocks 80 mm thick from Km. 75/010 to 75/160 (LHS)	499931.00	10000.00	Two Months	350/-	6&8
10	A/R & M/O on NH-70 km. 58/400 to 114/00) (SH-C/o R/wall at Km. 94/485 to 94/491.30	498560.00	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.

DATED: 22-9-2022

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

Executive Engineer,
NH Division, HPPWD
Hamirpur.

Certificate

Certified that the tenders called vide this office letter No. NO.PW-NHD-HMR-GA-TENDER/2022-23-5661-5700 DATED: - 22-09-2022 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.

Amr G.M.
Executive Engineer,
NH Division, HPPWD
Hamirpur. *[Signature]*

7

Job No - 1

SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 495929.00
 Earnest Money:- Rs. 10000.00
 Time: - One Month

Name of work :- A/R & M/O on NH-503A Km. 0/0 to 70/0 (SH:-Repair of Pot holes with Bituminous concrete in Km. 57/0 to 62/0)

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Providing and applying tack coat with Bitumen emulsion (RS-1) grade conforming to IS : 8887 using emulsion distributor at the rate of 0.20 to 0.25 Kg per sqm (zero point twenty to zero point twenty five)Kg per sqm on the prepared bituminous surface cleaned with Hydraulic broom as per technical specification clause 503 including carriage of materials upto all leads and lifts as per direction of the Engineer-in-charge.	1421.00			Per square meter	
2	Providing and laying 30mm thick (thirty millimetre) bituminous concrete with 100-120 (Hundred- hundred one twenty) TPH batch type hot mix plant producing an average output of 75 tonne per hour using crushed stone aggregates of specified grading-II, premixed with bituminous binder VG-10 @ minimum 5.5% (Five point five percent) by weight of total mix material and filler, as per job mix formula transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment , rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification 507 (5th revision). Item to include all materials, labour, machinery/equipments and incidental charges required to complete the job including carriage of materials upto all leads and lifts as per direction of the Engineer-in-charge.	42.63			Per Cubic meter	
G. Total						

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

Job No-2

SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 207863.00
 Earnest Money:- Rs. 4500.00
 Time:- One Month

Name of work :- A/R & M/o on NH-20A (New NH-503) km 39/0 to 91/0 (SH:-Construction of Retaining wall at RD 46/160 to 46/172 (R.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 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.	15.12			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.	42.96			Per Cubic meter	
3	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.	18.36			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.	22.00			Each	
G. Total						

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

22/10-3

SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 120224.00
 Earnest Money:- Rs. 2500.00
 Time: - One Month

Name of work :- A/R & M/o on NH-20A (New NH-503) km 39/0 to 91/0 (SH:-Construction of Retaining wall at RD 78/400 to 78/407 (R.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.	9.03			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) noninal size) including entire carriage of materials within all leads and lifts and as per the direction of Engineer-in-charge.	25.06			Per Cubic meter	
3	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.	9.24			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.	12.00			Each	
G. Total						

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

Job No-21

SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 153811.00
 Earnest Money:- Rs. 3200.00
 Time:- One Month

Name of work :- A/R & M/o on NH-20A (New NH-503) km 39/0 to 91/0 (SH:-Repair of Pot holes with Bituminous concrete in Km.39/0 to 55/0)

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Providing and applying tack coat with Bitumen emulsion (RS-1) grade conforming to IS : 8887 using emulsion distributor at the rate of 0.25 Kg per sqm (zero point twenty to zero point twenty five)Kg per sqm on the prepared bituminous surface cleaned with Hydraulic broom as per technical specification clause 503 including carriage of materials upto all leads and lifts as per direction of the Engineer-in-charge.	335.10			Per square meter	
2	Providing and laying 40mm thick (Forty millimetre) bituminous concrete with 100-120 (Hundred- hundred one twenty) TPH batch type hot mix plant producing an average output of 75 tonne per hour using crushed stone aggregates of specified grading-II, premixed with bituminous binder VG-10 @ minimum 5.5% (Five point five percent) by weight of total mix material and filler, as per job mix formula transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment , rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification 507 (5th revision). Item to include all materials, labour, machinery/equipments and incidental charges required to complete the job.including carriage of materials upto all leads and lifts as per direction of the Engineer-in-charge.	13.40			Per Cubic meter	
	G. Total					

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

SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 499070.00
 Earnest Money:- Rs. 10000.00
 Time:- One Month

Name of work :- A/R & M/O on NH-70 Between 58/400 to 114/00(SH):-Repair of Pot holes with Bituminous concrete from Km.100/0 to 105/0)

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Providing and applying tack coat with Bitumen emulsion (RS-1) grade conforming to IS : 8887 using emulsion distributor at the rate of 0.25 Kg per sqm (zero point twenty five)Kg per sqm on the prepared bituminous surface cleaned with Hydraulic broom as per technical specification clause 503 including carriage of materials upto all leads and lifts as per direction of the Engineer-in-charge.	1430.00			Per square meter	
2	Providing and laying 30mm thick (thirty millimetre) bituminous concrete with 100-120 (Hundred- hundred one twenty) TPH batch type hot mix plant producing an average output of 75 tonne per hour using crushed stone aggregates of specified grading-II, premixed with bituminous binder VG-10 @ minimum 5.5% (Five point five percent) by weight of total mix material and filler, as per job mix formula transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment , rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification 507 (5th revision). Item to include all materials, labour, machinery/equipments and incidental charges required to complete the job.including carriage of materials upto all leads and lifts as per direction of the Engineer-in-charge.	42.90			Per Cubic meter	
G. Total						

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

Job No.-6

6

SCHEDULE OF QUANTITY

Estimated Cost:- Rs.
10000.00
One Month

Earnest Money:- Rs.
Time:-

Name of work :- A/R & M/O on NH-70 Between 58/400 to 114/00(SH:-Repair of Pot holes with Bituminous concrete from Km.106/0 to 114/0)

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Providing and applying tack coat with Bitumen emulsion (RS-1) grade conforming to IS : 8887 using emulsion distributor at the rate of 0.25 Kg per sqm (zero point twenty five)Kg per sqm on the prepared bituminous surface cleaned with Hydraulic broom as per technical specification clause 503 including carriage of materials upto all leads and lifts as per direction of the Engineer-in-charge.	1428.88			Per square meter	
2	Providing and laying 30mm thick (thirty millimetre) bituminous concrete with 100-120 (Hundred- hundred one twenty) TPH batch type hot mix plant producing an average output of 75 tonne per hour using crushed stone aggregates of specified grading-II, premixed with bituminous binder VG-10 @ minimum 5.5% (Five point five percent) by weight of total mix material and filler, as per job mix formula transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment , rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification 507 (5th revision). Item to include all materials, labour, machinery/equipments and incidental charges required to complete the job.including carriage of materials upto all leads and lifts as per direction of the Engineer-in-charge.	42.86			Per Cubic meter	
G. Total						

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

Job No-7

SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 425400.00
 Earnest Money:- Rs. 8600.00
 Time: - Two Months

Name of work :- A/R & M/O on NH-70 km. 58/400 to 196/495 (SH:-Construction of R/ wall in Km. 193/785 to 193/789.30 (R.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 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.	30.00			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) noninal size) including entire carriage of materials within all leads and lifts and as per the direction of Engineer-in-charge.	97.00			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.	12.00			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.	16.00			Per Cubic meter	
G. Total						

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

Job No-8

SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 462314.00
Earnest Money:- Rs. 9500.00
Time: - One Month

Name of work :- A/R & M/o on NH-205 km 111/0 to 118/0 (SH:- Providing and laying of hot thermoplastic paint at RD 111/00 to 112/00 and 113/500 to 114/0 and white washing at RD 111/0 to 118/0 and Bush cutting at RD 111/0 to 118/0)

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	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.	536.550			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	10971.250			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.	2116.80			Per Square meter	
G. Total						

Ashish Gaur

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

Job No - 9

SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 499931.00
 Earnest Money:- Rs. 10000.00
 Time: - Two months

Name of work :- A/R & M/O on NH-70 km. 58/400 to 114/00) (SH- P/F steel grating from Km. 75/090 to 75/110(LHS) on Existing U-Shape drain and P/L interlocking pavers blocks 80 mm thick from Km. 75/010 to 75/160 (LHS)

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Steel work welded in built up sections trusses and framed work i/c cutting hoisting fixing in position and applying a priming coat of read lead paint in grating framed guard bars, railings bracket etc and similar work 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. (i)Ingratings frames , guard bar, laddar, railings , bracket,gates, and similar work.	2522.72			Per Kg.	
2	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-20 of nominal mix 1:2:4(One cement : two sand : four 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.	5.40			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.	8.10			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.	141.50			Per square meter	
G. Total						

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

Job No-10

10

SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 498560.00
 Earnest Money:- Rs. 10000.00
 Time:- Two months

Name of work :- A/R & M/O on NH-70 km. 58/400 to 114/00) (SH- C/o R/wall at Km. 94/485 to 94/491.30)

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.	54.74			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) noninal size) including entire carriage of materials within all leads and lifts and as per the direction of Engineer-in-charge.	106.84			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.	45.00			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.	13.23			Per Cubic meter	
G. Total						

Amal Chatterjee

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