

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

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

554-73

Dated: 21-9-2022

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.

Ahmed Chh
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 29-09-2022 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 27-09-2022 upto 4:00 P.M. on cash payment (Non-Refundable) and tender document will be issued on 28-09-2022 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 Bituminious concrete in Km.62/500 to 67/250)	499185.00	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 69/300 to 69/319)(L.H.S)	433893.00	9000.00	Two Months	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 78/550 to 78/570)(R.H.S)	345908.00	7000.00	Two Months	350/-	6&8
4	A/R & M/o on NH-20A (New NH-503) km 39/0 to 91/0 (SH:-Construction of Retaining wall at RD 54/360 to 54/380 (L.H.S)	346364.00	7000.00	Two Months	350/-	6&8
5	A/R & M/o on NH-20A (New NH-503) km 39/0 to 91/0 (SH:-Repair of Pot holes with Bituminious concrete in Km.56/0 to 91/0)	433764.00	9000.00	one Month	350/-	6&8
6	A/R & M/O on NH-70 Between 58/400 to 114/00 (SH:-Dressing of Berms in Km.100/0 to 114/0)	499830.00	10000.00	Two Months	350/-	6&8
7	A/R & M/O on NH-70 km. 58/400 to 196/495 (SH:- Construction of R/ wall in Km. 188/550 to 188/558 (R.H.S)	499840.00	10000.00	Two Months	350/-	6&8
8	A/R & M/O on NH-70 km. 58/400 to 196/495 (SH:- Construction of R/ wall in Km. 188/560 to 188/568 (R.H.S)	499840.00	10000.00	Two Months	350/-	6&8
9	A/R & M/O on NH-70 km. 58/400 to 114/00) (SH:- C/o PCC R/wall at Km. 103/505 to 103/515	495255.00	10000.00	Two Months	350/-	6&8
10	A/R & M/o on NH 205Km. 111/0 to 118/0 (SH:- P/F of Tubular type Retro- reflective (U- shape) overhead Signage board (Top/ Over head portion only at RD. 111/0 at Nauni chowk.	373892.00	7500.00	7 days	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: - 21-9-2022

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/2022-23-5545-70 DATED: - 21-09-2022 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.

Job No-1

SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 499185.00
 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.62/500 to 67/250)

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.	1430.26			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.	42.91			Per Cubic meter	
G. Total						

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

Job No = 2

2

SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 433893.00
 Earnest Money:- Rs. 9000.00
 Time:- Two Months

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 69/300 to 69/319)(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.	36.10			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.	90.25			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.	29.64			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.	54.00			Each	
G. Total						

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

Job No - 3

3

SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 345908.00
 Earnest Money:- Rs. 7000.00
 Time: - Two Months

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 78/550 to 78/570)(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.	32.20			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.	71.60			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.	27.00			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.	38.00			Each	
G. Total						

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

Job No 4

4

SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 346364.00
Earnest Money:- Rs. 7000.00
Time:- Two Months

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 54/360 to 54/380 (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 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.	34.60			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.	71.60			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.	27.00			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.	38.00			Each	
G. Total						

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

Job No-5

SCHEDULE OF QUANTITY					
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.56/0 to 91/0)			Estimated Cost:- Rs. 433764.00 Earnest Money:- Rs. 9000.00 Time: - One Month		
Sr No.	Description of item.	Qty.	Rate		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.	945.02			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.	37.80			Per Cubic meter
G. Total					


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

B

Job No-6

SCHEDULE OF QUANTITY					
Name of work :- A/R & M/O on NH-70 Between 58/400 to 114/00 (SH:-Dressing of Berms in Km.100/0 to 114/0)			Estimated Cost:- Rs. Earnest Money:- Rs. Time: -		
			499830.00 10000.00 Two Months		
Sr No.	Description of item.	Qty.	Rate		Unit
			In Figure	In Words	
1	Making up loose of materail / irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC upto any lead as per technical specification clause 1903 including entire carriage of material within all leads and lifts as per directions of Engineer-in-Charge and other incidental charges.	16661.00			Per square meter
G. Total					

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

Job No-7

17

SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 499840.00 Earnest Money:- Rs. 10000.00 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. 188/550 to 188/558 (R.H.S)					
Sr No.	Description of item.	Qty.	Rate		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.	31.00		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) nominal size) including entire carriage of materials within all leads and lifts and as per the direction of Engineer-in-charge.	114.00		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.	14.00		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.	20.00		Per Cubic meter	
G. Total					


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

Job No-8

18

SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 499840.00
 Earnest Money:- Rs. 10000.00
 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. 188/560 to 187/568 (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.	31.00			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) nonal size) including entire carriage of materials within all leads and lifts and as per the direction of Engineer-in-charge.	114.00			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.	14.00			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.	20.00			Per Cubic meter	
G. Total						

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

Job No-9

SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 495255.00
 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. 103/505 to 103/515)		Qty.	Rate		Unit	Amount
			In Figure	In Words		
Sr No.	Description of item.					
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 structuring 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.	48.60			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.	104.10			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.	55.00			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.	26.01			Per Cubic meter	
G. Total						

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

Job No-10

70

SCHEDULE OF QUANTITY

Name of work :- A/R & M/o on NH -205 Km. 111/0 to 118/0 (SH:- P/F of Tubular type Retro- reflective (U -shape) overhead Signage board (Top/ Over head portion only at RD. 111/0 at Nauni chowk.					Estimated Cost:- Rs. Earnest Money:- Rs. Time: -	373892.00 7500.00 seven days
Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Fabrication Supply and erection of MS Tubular type U- shape Structure with Installation of High intensity Retro- reflective sign boards to be made of 2mm thick aluminium sheet of size 10.50mtr x 1.25 mtr on both sides fully covered with High intensity head activated encapsulated lens type Retro- reflective sheeting as per MORTH specification 802.3.2.1 with subject matter in high intensity grade (microsporesmated) sheeting Green colour and writing of various stations upon it . The Retro- reflective sheeting should be adhered based sub state through heat lamp vacuum application process. The structure duly painted and erected at site including removing/dismantling of old damaged Top Truss/ MS Tubes alongwith old aluminium damaged sheet etc . The erection of sign boards as per direction of the Engineer-in-Charge completed in all respect of as per MORTH specification. (18 % GST shall be paid extra)	1.00			Per No.	
G. Total						

Anil Gaba

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