

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 29.08.2023 upto 11.00 A.M and the same 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 on dated 26.08.2023 upto 1:30 P.M. on cash payment (Non-Refundable) and tender document will be issued on 28.08.2023 upto 4:00 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.

S.N	Name of work	Estimated cost	Earnest money	Time allowed	Cost of Form
1.	Annual repair and Maintenance on NH-70 (New NH - 03) Km 58/400 to 114/00(SH:-Repairing of Patch/ Pot holes with Bituminious concrete in Km. 90/0 to 100)	498455.00	10000.00	One Month	350/-
2.	Annual repair and Maintenance on NH-70 (New NH - 03) Km 58/400 to 114/00(SH:-Repairing of Patch/ Pot holes with Bituminious concrete in Km. 80/0 to 89/0)	498455.00	10000.00	One Month	350/-
3.	Annual repair and Maintenance on NH-20A (New NH-503) km 39/0 to 91/0 Ranital -Mubarikpur (SH:-Clearing of grass in Km. 55/0 to 75/0	296181.00	6000.00	One Month	350/-
4.	Annual repair and Maintenance on NH-20A (New NH-503) km 39/0 to 91/0 Ranital -Mubarikpur (SH:-Clearing of grass in Km. 39/0 to 55/0 and 75/0 to 91/0	373395.00	8000.00	One Month	350/-
5.	Annual repair and Maintenance on NH 205 (Nauni to Brampukhar) Km 111/00 to 118/00 (SH:- Hiring of JCB/ Tipper for removal of slips)	297000.00	6000.00	One Month	350/-
6.	Annual repair and Maintenance on NH 503 A km 0/0 to 70/0 (SH:- Construction of Return Wall, Dirt Wall and Approach Slab on Una Side Abutment of Ghaluwal Bridge over Swan River at Km. 13/474)	233919.00	5000.00	One Month	350/-
7.	Annual repair and Maintenance on NH 503 A km 0/0 to 70/0 (SH:- Construction of Return Wall, Dirt Wall and Approach Slab on Una Side Abutment of Ghaluwal Bridge over Swan River at Km. 13/474)	495669.00	10000.00	One Month	350/-

S.N	Name of work	Estimated cost	Earnest money	Time allowed	Cost of Form
8.	Annual repair and Maintenance on NH 503 (Matour Dharamshala Macleodgunj) Km 0/0 to 23/105 (SH:- Construction of wire crate at Km.18/230 to 18/246 (RHS)	488288.00	10000.00	One Month	350/-
9.	Annual repair and Maintenance on NH 503 (Matour Dharamshala Macleodgunj) Km 0/0 to 23/105 (SH:- Construction of wire crate at Km.18/247 to 18/263(RHS)	488288.00	10000.00	One Month	350/-
10.	Annual repair and Maintenance on NH 503 (Matour Dharamshala Macleodgunj) Km 0/0 to 23/105 (SH:- Construction of wire crate at Km.12/960 to 12/966 (RHS)	176808.00	3600.00	One Month	350/-
11.	Annual repair and Maintenance on NH 70(New NH-03) Km 184/758 to 196/495(SH:- Construction of wire crate at Km.188/350 to 188/366 (RHS)	488288.00	10000.00	One Month	350/-
12.	Annual repair and Maintenance on NH 70(New NH-03) Km 184/758 to 196/495 (SH:- Construction of wire crate at Km.188/820 to 188/836 (RHS)	488288.00	10000.00	One Month	350/-
13.	Annual repair and Maintenance on NH 70(New NH-03) Km 184/758 to 196/495 (SH:- Hiring of JCB/ Tipper for removal of slips in Km. 191/0 to 196/495)	386000.00	8000.00	One Month	350/-
14.	Annual repair and Maintenance on NH 70 km (New NH-03) 58/400 to 114/0(SH:- Construction of P.C.C R/wall at km 95/680 to 95/690.50 (LHS)	499880.00	10000.00	One Month	350/-
15.	Annual repair and Maintenance on NH-20A (New NH-503) km 39/0 to 91/0 (SH:-Construction of R/wall at RD 78/665 to 78/673 (RHS)	499325.00	10000.00	One Month	350/-
16.	Annual repair and Maintenance on NH-20A (New NH-503) km 39/0 to 91/0 (SH:-Construction of R/wall at RD 78/657 to 78/665(RHS)	497650.00	10000.00	One Month	350/-

It is certified that above works are in exigency/ emergency situation and as per in public interest / demands require immediate action thereof uploaded in HPPWD website.

Executive Engineer
National Highway Division
NH-20, Hamirpur (H.P.)

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TERMS AND CONDITIONS:-

The tender documents shall be issued only to those contractors/firms who fulfill the following criteria and submit the following documents with the application:-

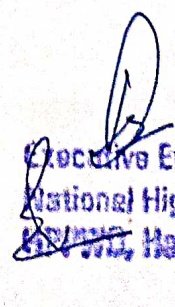
1. The valid enlistment/ registration of contractor in appropriate class.
2. Permanent Account Number (PAN).
3. GST Number.
4. Earnest money in the shape of National saving certificate/ Time deposit Account in any of the Post office in H.P. F.D.R. from any Nationalized Bank (i/c Kangra Central Cooperative Bank) duly pledged in favour of the Executive Engineer.
5. The earnest money & cost of tender form for the above works should be submitted with the application for the purchase of the tender forms.
6. The application received without earnest money & cost of tender form shall summarily be rejected.
7. Ambiguous/ telegraphic/ Conditional tenders or tender by fax/E-mail shall not be entertained /considered and will summarily be rejected.
8. Executive Engineer reserves the right to reject or cancel any or all the tenders without assigning any reasons.
9. The offer of the tender shall remain valid upto 120 days after the opening of tender.
10. If the date given above happens to be a holiday, the same shall be processed on next working day.
11. The contractors/ firms must quote their rates in words as well as in figures failing which XEN reserves the right to accept / reject the tender.
12. The tender forms will not be issued to those contractors/ firms whose previous performance is not found satisfactory and who have not executed/ completed the previous awarded works within the stipulated period of completion.
13. One contractor should not have more than two major works in hand at a time.
14. Work should be completed by the contractor within the stipulated period.
15. Works completion and work in hand clearance must be attached/write within the application for issue of tender form.
16. Not more than two forms will be issued to contractor.

NO.PW-NHD-HMR-GA-TENDER/2023-24 - 3735-72

DATED: - 18/8/23

COPY FORWARDED TO THE FOLLOWING for information please:

- 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 Executive Engineer, (IT Cell) Nigam Bihar ,HP Shimla-2 for uploading the above tender notice on the department website as the mentioned work are urgent in nature and in public interest.
- 5 The computer cell o/o Executive Engineer, (IT Cell) Nigam Bihar ,HP Shimla-2 for information and necessary action.
- 6 All the Executive Engineer, NH/B&R in HP.
- 7 All the Assistant Engineer, NH/B&R in HP.
- 8 Drawing Branch/ Account Branch/ Notice Board of this office.


Executive Engineer
National Highway Division,
Hamirpur (H.P.)


SCHEDULE OF QUANTITY
Work :- Annual repair and Maintenance on NH-70 (New NH - 03) Km 58/400 to 114/00
SH:-Repairing of Patch/ Pot holes with Bituminous concrete in Km.90/0 to 100/0)

JSA/10/01

Sr No.	Description of item.	Qty.	Estimated Cost:- Rs.		Unit	Amount
			Earnest Money:- Rs.	Time Limit:		
						498455.00
						10000.00
						One Month
1	Providing and applying tack coat using bitumen emulsion conforming to IS-8887, using emulsion pressure distributor including preparing the surface and cleaning with mechanical broom. With rapid setting bitumen emulsion -On WBM/WM @ 0.25kg/sqm (Zero point two five kilogramme per square metre) including entire carriage of materials within all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals. The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	1432.50	Rupees Eighteen and paise nil only			
2	Providing and laying Bituminous concrete 30mm (Thirty millimetre) compacted thickness with bitumen of grade VG-30 (VISCOSITY GRADE-THIRTY) @ 5.5% (Five point five percent) (percentage by weight of total mix) and lime filler @ 2% (Two percent) (percentage by weight of Aggregate) using crushed stone aggregates of specified grading, premixed with bituminous binder and filler prepared in batch Type Hot Mix Plant of 100-120 (Hundred to One hundred twenty) TPH capacity, transporting the hot mix to work site by tippers, laying with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification complete and as per directions of Engineer-in-Charge including entire carriage of materials within all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals. The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	42.97	Rupees Eleven Thousand and paise nil only			
	G.Total					

Condition

- 1 The work will be strictly executed as per HPPWD specifications
- 2 The contractor will procure cement/steel at their own level from Civil Supply Depot. After the approval of permit from the competent authority and other material from market as per Department specification issued by the Additional Chief Secretary PW to the Govt. of HP vide No. PBW (B) C (17) 2/2012 dated 07 August 2018 and all other condition are liable & carriage will be born by the contractor.
- 3 The bills of all materials procured by the contractor in form of mining materials used for execution of work must be submitted to the authority concerned alongwith contractor bill.


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

SCHEDULE OF QUANTITY

Name of work : Annual repair and Maintenance on NH-70 (New NH - 03) Km 58/400 to 114/00
(SH- Repairing of Patch/ Pot holes with Bituminous concrete in Km. 80/0 to 89/0)

Estimated Cost - Rs.
Earnest Money - Rs.
Time Limit:

498455.00
10000.00
One Month

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Providing and applying tack coat using bitumen emulsion conforming to IS 8887, using emulsion pressure distributor including preparing the surface and cleaning with mechanical broom with rapid setting bitumen emulsion -On WB/MWM @ 0.25kg/sqm (Zero point two five kilogramme per square metre) including entire carriage of materials within all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, GST or other taxes imposed by the Government	1432.50			Per square metre	
2	Providing and laying Bituminous concrete 30mm (Thirty millimetre) compacted thickness with bitumen of grade VG-30 (VISCOSITY GRADE-THIRTY) @ 5.5% (Five point five percent) (percentage by weight of total mix) and lime filler @ 2% (Two percent) (percentage by weight of aggregate) using crushed stone aggregates of specified grading, premixed with bituminous binder and filler prepared in batch Type Hot Mix Plant of 100-120 (Hundred two One hundred twenty) TPH capacity transporting the hot mix to work site by tipper, laying with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification complete and as per directions of Engineer-in-Charge including entire carriage of materials within all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	42.97			Per Cubic metre	
G.Total						

Condition

- The work will be strictly executed as per HPPWD specifications
- The contractor will procure cement/steel at their own level from Civil Supply Depot. After the approval of permit from the competent authority and other material from market as per Department specification issued by the Addition Chief Secretary P.W.D. to the Govt. of HP vide No. PBW (B) C (17) 2/2012 dated 07 August 2018 and all other condition are liable & carriage will be born by the contractor.
- The bills of all materials procured by the contractor M-form of mining materials used for execution of work must be submitted to the authority concerned alongwith contractor bill.

Executive Engineer,
National Highway Division,
H.P.W.D., Haridwar (HP)

SCHEDULE OF QUANTITY

Job No. 3

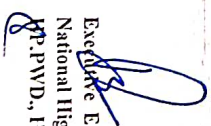
Name of work :- Annual repair and Maintenance on NH 20A (New NH 503) Km 39/00 to 91/00 (SH:- Clearance of grass in Km. 55/0 to 75/0)

Estimated Cost:- 296181.00
Earnest Money:- 6000.00
Time Limit: One Month

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 millimetre), removal of stumps of scuh trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, upto any lead including removal and disposal of top organic soil not exceeding 150mm (one hundred fifty millimetre) in thickness as per Technical Specification . By manual means (In area of thorny jungle) including chiseling of hard rocks where blasting is prohibited including entire carriage of materials within all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals. The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	53851.00			Per Square metre	
Total:-						

Condition

- The work will be strictly executed as per HPPWD specifications


Executive Engineer,
National Highway Division,
R.P.W.D., Hamirpur (HP)

303 No 4

SCHEDULE OF QUANTITY

Name of work :- Annual repair and Maintenance on NH 20A (New NH 503) Km 39/00 to 91/00 (SH:-
Clearance of grass in Km. 39/0 to 55/0 and 75/0 to 91/0)

Estimated Cost:- 373395.00
Earnest Money:- 8000.00
Time Limit:- One Month

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 millimetre), removal of stumps of scuh trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, upto any lead including removal and disposal of top organic soil not exceeding 150mm (one hundred fifty millimetre) in thickness as per Technical Specification. By manual means (In area of thorny jungle) including chiseling of hard rocks where blasting is prohibited including entire carriage of materials within all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals. The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	67890.00			Per Square metre	
Total:-						

Condition
1 The work will be strictly executed as per HPPWD specifications

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

Jb.No. 5

SCHEDULE OF QUANTITY

Name of work :- Annual repair and Maintenance on NH 205 (Nauni to Bramputkhar) Km 111/00 to 118/00
(SH :- Hiring of JCB/ Tipper for removal of slips)

Estimated Cost:- Rs.
Earnest Money:- Rs.
Time Limit:

297000.00
6000.00
One Month

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Hiring of JCB/Excavator for removal of Slips and boulders in all kind of soil i/c rocky portion and saturated soil and disposing of all excavated earth or un-serviseable materials from the road surfaces up to any leads and lift as per direction and entire satisfaction of Engineer in Charge. The machine/JCB should work minimum 8.00 hours from 9.00 am to 5.00 pm daily and remove atleast 25 cum (Twenty five cubic metre) quantity of slips per hour. Any loss to the public/private property or any accident etcetera happened during the course of hiring period/execution shall be the absolute responsibility of JCB/Excavator owner which shall have to be duly compensated by him in all cases. The fuel and operational staff for excavator will be provided by the owner, The repair and spare, watch and ward of excavator also be borne by the contractor/owner. The daily log book will be maintained at site which should be duly verified by the Engineer-in-Charge.	180.00			Per Hours	
2	Hiring of Tipper for carriage of debris/muck/unserviceable material from the various reaches of the road including all leads, lifts and unloading of material at suitable places as per entire satisfaction of the Engineer-in-Charge. (9.00 am to 5.00 PM)	165.00			Per Hours	
G. Total						

Condition

- The contractor shall be responsible for any kind of breakage in the machinery and accident happens during working hours
- Nothing shall be paid for idle hours.
- All bear and tear and POL charges are to be born by the contractor.
- The JCB must minimum 40cum slips per hour.
- Log book regarding working hour of JCB for removal of slips must be maintained by the contractor. The log book must be got verified from the competent authority of the PWD. Daily report of working hours may also be sent to PWD Division Office Hamirpur.
- The contractor should have ownership of JCB.
- The working hours should be 10 AM to 5 PM except in Emergency work.

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

SCHEDULE OF QUANTITY

Name of work :- Annual repair and Maintenance on NH 503 A km 0/0 to 70/0 (SH). Construction of Return Wall, Dirt Wall and Approach Slab on Una Side Abutment of Ghaluwal Bridge over Swan River at Km. 13/474)

Estimated Cost:- Rs. 233319.00
 Earnest Money:- Rs. 5000.00
 Time Limit: One Month

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Providing laying, spreading and compacting specified graded sand, stone aggregate or any other coarse material as per MORTH specifications (Table 400.2) gradation-I of C.B.R. value not less than 20 (Twenty) in lower granular sub-base course 150mm (One hundred fifty millimetre) 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 materials, labour, machinery, etcetera complete including mechanical transport within all leads and lifts. Item to include all incidental work required to execute the job as per MORTH Specifications.	17.55			Per Cubic metre	
2	Providing, laying, spreading and compacting specified graded sand, stone aggregate or any other coarse material as per MORTH specifications (Table 400.2) gradation-II of C.B.R. value not less than 30 (Thirty) in upper granular sub-base course 100mm (One hundred millimetre) 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 materials, labour, machinery, etcetera complete including mechanical transport within all leads and lifts. Item to include all incidental work required to execute the job as per MORTH Specifications.	11.70			Per Cubic metre	
3	Providing, laying, spreading and compacting 250mm (Two hundred fifty millimetre) thick Wet Mix Macadam over GSB as per the MORTH Specifications including premixing the material with water at OMC in mechanical mix plant, carriage of mixed material by tipper to site, laying in uniform layers with paver on well prepared surface and compacting with vibratory roller to achieve the desired density. Item to include all materials, labour, machinery/ equipment including mechanical transport within all leads and lifts and incidental work required to complete the job. The item shall be measured and paid for finished/ compacted volume of wet mix macadam.	28.13			Per Cubic metre	
4	Providing and applying the Prime Coat as per MORTH Specifications with bitumen emulsion on prepared bituminous / granular surface including cleaning of surface and spraying primer at the rate of 0.60kg/sqm (Zero point six zero kilogramme per square metre) using mechanical means, item to include all materials, labour, machinery/ equipment including mechanical transport within all leads and lifts and incidental work required to complete the job	112.50			Per square metre	
5	Cleaning and preparing bituminous/ granular surface and providing and applying the Tack Coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20kg/sqm (Zero point two zero kilogramme per square metre) as per MORTH Specifications. Item to include all materials, labour, machinery/ equipment including mechanical transport within all leads and lifts and incidental work required to complete the job	249.50			Per square metre	

6	Providing and laying 50 mm (Fifty millimetre) dense graded bituminous macadam with 100-120 TPH batch type HMP producing an average output of 75 (Seventy five) tonnes per hour using crushed aggregates of specified grading-II, premixed with bituminous binder VG-30 (Viscosity Grade-Thirty) @ 4.0 to 4.5 (at the rate four to four point five) per cent by weight of total mix and filler, 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 MoRTH specification complete in all respects. Item to include all materials, labour, machinery / equipment and incidental including mechanical transport within all leads and lifts work required to complete the job. Measurement shall be made for finished volume of dense graded bituminous macadam in cubic meter including carriage of material with mechanical transport with in all leads and lifts.	5.63					Per Cubic metre	
7	Providing and laying 40mm (Forty millimetre) thick Bituminous Concrete wearing coat with 100-120 (One hundred to one hundred twenty) TPH batch type hot mix plant producing an average output of 75 (Seventy five) tonne per hour using crushed aggregates of specified grading, premixed with bituminous binder VG-30 (Viscosity Grade-Thirty) @ minimum 5.4 to 5.6% (Five point four to five point six) percent of mix and filler, transporting the hot mix to work site, laying with 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 MoRTH Specifications Clause 507 complete in all respect. Item to include all materials, labour, machinery / equipment and incidental including mechanical transport within all leads and lifts work required to complete the job. Measurement shall be made for finished volume of Bituminous Concrete in cubic meter including carriage of material with mechanical transport with in all leads and lifts.	5.48					Per Cubic metre	
G.Total								

Condition

- The work will be strictly executed as per HPPWD specifications
- The contractor will procure cement/steel at their own level from Civil Supply Depot. After the approval of permit from the competent authority and other material from market as per Department specification issued by the Additional Chief Secretary PW to the Govt. of HP vide No. PBW (B) C (17) 2/2012 dated 07 August 2018 and all other condition are liable & carriage will be born by the contractor.
- The bills of all materials procured by the contractor M-form of mining materials used for execution of work must be submitted to the authority concerned alongwith contractor bill.

Executive Engineer,
National Highway Division,
H.P.PWD., Hamirgarh (HP)

SCHEDULE OF QUANTITY

Name of work :- Annual repair and Maintenance on NH 503 A km 0/0 to 70/0 (SH:- Construction of Return Wall, Dirt Wall and Approach Slab on Una Side Abutment of Ghaluwal Bridge over Swan River at Km. 13/474)

Estimated Cost:- Rs.
Earnest Money:- Rs.

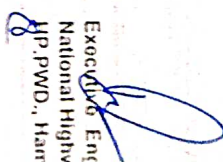
495669.00
10000.00
One Month

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Providing and placing in position TMT (Fe 500 (Five hundred) Grade) reinforcement bars conforming to relevant ISI specification i.e. TATA, SAIL an RITC in various structural elements of the bridge including cutting, straightening, bending, fabricating, storing, binding with mild steel annealed binding wire of 18 (Eighteen) SWG, fixing in position complete as per the Drawings, Specifications and MoRT&H Specifications for Road and Bridge Works including carriage of material with mechanical transport with in all leads and lifts.	1.405			Per Metric Tonne	
2	Providing and placing M-35 (M-Thirty five) grade cement concrete (RCC) for the construction of abutment walls, pier walls etcetera using 43/53 (Forty three/fifty three) grade Ordinary Portland Cement, 20mm (Twenty millimetre) and down crushed stone aggregate and approved quality sand as per the Drawing, Specifications and MoRT&H Specifications for Road and Bridge Works. Item to include all types of shuttering, staging, scaffolding, necessary tools, plants, machinery and all related operations as required to complete the work with all leads, lifts and depths true to level and position... all... complete... excluding only... the cost of reinforcement which shall be paid separately including carriage of material with mechanical transport with in all leads and lifts.	16.93			Per Cubic Metre	
3	Providing and laying M15 (M fifteen) Grade PCC using 43/53 (Forty three/fifty three) grade Ordinary Portland Cement, 20mm (Twenty millimetre) and down crushed stone aggregate and approved quality sand below open foundations and approach slab as per the Drawings, Specifications and MoRT&H Specifications for Road and Bridge Works, including carriage of material with mechanical transport with in all leads and lifts.	4.00			Per Cubic Metre	
4	Providing and placing in position M30 (M-Thirty) grade cement concrete (RCC) in-cast - in - situ approach slab using 43/53 (Forty three/fifty three) grade Ordinary Portland Cement, 20mm (Twenty millimetre) and down crushed stone aggregate and approved quality sand including mechanical transport within all leads and lifts as per the Drawings, Specifications and MoRT&H Specifications for Road and Bridge Works. Item to include all types of shuttering, bitumen filler type joint between approach slab and dirt wall all complete. Item to include all labour, materials, tools, equipment, safety measures and incidentals necessary to complete the work to Specifications. The minimum slump of concrete shall be 75mm at the time of placement of concrete. Measurements shall be made for the finished volume of concrete only. Cost of reinforcement 12mm (Twelve millimetre) dia. bars @ 150mm (One hundred fifty) centre to centre bothways on both faces) shall not be paid separately and the same shall be included in the quoted rates, including carriage of material with mechanical transport with in all leads and lifts.	7.35			Per Cubic Metre	

5	Providing and laying well compacted selected granular back filling material (as per appendix 6 of IRC 78-2000) behind PCC retaining walls complete as per the Drawings, Specifications and MORT&H Specifications for Road and Bridge Works Item to include all labour, materials, tools, equipment safety measures including mechanical transport within all leads and lifts and incidentals necessary to complete the work to Specifications. Measurement shall be made for actual compacted finished volume of granular fill including carriage of material with mechanical transport with in all leads and lifts.	249.49				Per Cubic Metre	
G.Total							

Condition

- 1 The work will be strictly executed as per HPPWD specifications
- 2 The contractor will procure cement/steel at their own level from Civil Supply Depot. After the approval of permit from the competent authority and other material from market as per Department specification issued by the Chief Secretary P.W. to the Govt. of HP vide No. P.W. (H) C. (17) 272012 dated 07 August 2018 and all other condition are liable & carriage will be born by the contractor.
- 3 The bills of all materials, procured by the contractor in form of mining materials used for execution of work must be submitted to the authority concerned alongwith contractor bill


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

JSB.NO.8

SCHEDULE OF QUANTITY

Name of Work:- Annual repair and Maintenance on NH 503 (Matour Dharamshala Macleodgunj) Km 0/0 to 23/105 (SH:- Construction of wire crate at Km.18/230 to 18/246 (RHS)

Estimated Cost:- 488288.00
Earnest Money:- 10000.00
Time Limit:- One Month

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In words		
1	Excavation work by mechanical means (hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m (One point five metre) in width or 10 sqm (Ten square metre) on plan, including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soil in ordinary rock and all kinds of soil including entire carriage of materials within all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals. The rates are inclusive of octroi, royalty, malakana, toll tax, sale tax, GST or other taxes imposed by the Government.	35.20			Per Cubic metre	
2	Providing and laying of boulder apron laid in wire crates with 4mm (Four millimetre) dia G.I wire conforming to IS-280 and IS-4826 in 100mmx100mm (One hundred into one hundred millimetre) mesh (woven diagonally) including 10% (Ten percent) extra for laps and joints laid with stone boulders weighing not less than 25kg (Twenty five kilogramme) each as per direction of Engineer-in-Charge including entire carriage of material within all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, malakana, toll tax, sale tax or other taxes imposed by the Government.	140.00			Per Cubic metre	
3	Back filling behind abutment, wing walls and return walls complete as per drawings and MORD technical specification, granular material as per direction of Engineer-in-Charge including entire carriage of materials within all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, malakana, toll tax, sale tax, GST or other taxes imposed by the Government.	56.00			Per Cubic metre	
G.Total					Rs:-	

Condition

- The work will be strictly executed as per HPPWD specifications
- The contractor will procure cement/steel at their own level from Civil Supply Depot. After the approval of permit from the competent authority and other material from market as per Department specification issued by the Additional Chief Secretary PW to the Govt. of HP vide No. PBW (B) C (17) 2/2012 dated 07 August 2018 and all other condition are liable & carriage will be born by the contractor.
- The bills of all materials procured by the contractor M-form of mining materials used for execution of work must be submitted to the authority concerned alongwith contractor bill.

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

SCHEDULE OF QUANTITY

Name of Work:- Annual repair and Maintenance on NH 503 (Matour Dharamshala Macleodgunj) Km 0/0 to 23/105 (SH:- Estimated Cost:- Earnest Money:- Time Limit:-)

488288.00
10000.00
One Month

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In words		
1	Excavation work by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m (One point five metre) in width or 10 sqm (Ten square metre) on plan, including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soil in ordinary rock and all kinds of soil including entire carriage of materials within all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals. The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	35.20			Per Cubic metre	
2	Providing and laying of boulder apron laid in wire crates with 4mm (Four millimetre) dia G.I.wire conforming to IS.280 and IS.4826 in-100mmx100mm (One hundred into one hundred millimetre) mesh (woven diagonally) including 10% (Ten percent) extra for laps and joints laid with stone boulders weighting not less than 25kg (Twenty five kilogramme) each as per direction of Engineer-in-Charge including entire carriage of material within all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax or other taxes imposed by the Government.	140.00			Per Cubic metre	
3	Back filling behind abutment, wing walls and return walls complete as per drawings and MORO technical specification, granular material as per direction of Engineer-in-Charge including entire carriage of materials within all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	56.00			Per Cubic metre	
G.Total					Rs:-	

- 1 The work will be strictly executed as per HPPWD specifications
- 2 The contractor will procure cement/steel at their own level from Civil Supply Depot. After the approval of permit from the competent authority and other material from market as per Department specification issued by the Addition Chief Secretary PW to the Govt. of HP vide No. PBW (B) C (17) 2/2012 dated 07 August 2018 and all other condition are liable & carriage will be born by the contractor.
- 3 The bills of all materials procured by the contractor M-form of mining materials used for execution of work must be submitted to the authority concerned alongwith contractor bill.

Executive Engineer,
National Highway Division,
H.P.P.W.D., Hamirpur (HP)

Job No. 9

SCHEDULE OF QUANTITY
 Road repair and Maintenance on NH 503 (Matour Dharamshala Macleodgunj) Km 0/0 to 23/105 (SH:- Construction of
 e crate at Km. 12/960 to 12/966 (RHS)

J65.10.10

Estimated Cost:-
 Earnest Money:-
 Time Limit:-
 176202.00
 3500.00
 One Month

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In words		
1	Excavation work by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m (One point five metre) in width or 10 sqm (Ten square metre) on plan, including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soil in ordinary rock and all kinds of soil including entire carriage of materials within all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals. The rates are inclusive of octroi, royalty, malakana, toll tax, sale tax, GST or other taxes imposed by the Government.	13.20			Per Cubic metre	
2	Providing and laying of boulder apron laid in wire crates with 4mm (Four millimetre) dia G.I. wire conforming to IS 280 and IS 4826 in 100mmx100mm (One hundred into one hundred millimetre) mesh (woven diagonally) including 10% (Ten percent) extra for laps and joints laid with stone boulders weighting not less than 25kg (Twenty five kilogramme) each as per direction of Engineer-in-Charge including entire carriage of material within all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, malakana, toll tax, sale tax or other taxes imposed by the Government.	52.50			Per Cubic metre	
3	Back filling behind abutment, wing walls and return walls complete as per drawings and MORD technical specification, granular material as per direction of Engineer-in-Charge including entire carriage of materials within all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, malakana, toll tax, sale tax, GST or other taxes imposed by the Government.	10.50			Per Cubic metre	
G.Total					Rs:-	

- The work will be strictly executed as per HPVMD specifications
- The Contractor will procure cement/steel at their own level from Civil Supply Depot. After the approval of permit from the competent authority and other material from market as per Department specification issued by the Additional Chief Secretary PWD to the Govt. of MP vide Mo. PWD (B) C (17) 2/2012 dated 07 August 2012 and all other condition are liable & carriage will be born by the contractor.
- The bills of all materials procured by the contractor in form of mining materials used for execution of work must be submitted to the authority concerned alongwith contractor bill

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

SCHEDULE OF QUANTITY


Name of Work:- Annual repair and Maintenance on NH 70(New NH-03) Km 184/758 to 196/495
(SH:- Construction of wire crate at Km.188/350 to 188/366 (RHS)

Estimated Cost:- 488228.00
Earnest Money:- 10000.00
Time Limit:- One Month

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In words		
1	Excavation work by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m (One point five metre) in width or 10 sqm (Ten square metre) on plan, including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soil in ordinary rock and all kinds of soil including entire carriage of materials within all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals. The rates are inclusive of octroi, royalty, malakana, toll tax, sale tax, GST or other taxes imposed by the Government.	35.20			Per Cubic metre	
2	Providing and laying of boulder apron laid in wire crates with 4mm (Four millimetre) dia G.I.wire conforming to IS.280 and IS.4826 in 100mmx100mm. (One hundred into one hundred millimetre) mesh (woven diagonally) including 10% (Ten percent) extra for laps and joints laid with stone boulders weighting not less than 25kg (Twenty five kilogramme) each as per direction of Engineer-in-Charge including entire carriage of material within all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, malakana, toll tax, sale tax or other taxes imposed by the Government.	140.00			Per Cubic metre	
3	Back filling behind abutment, wing walls and return walls complete as per drawings and MORD technical specification, granular material as per direction of Engineer-in-Charge including entire carriage of materials within all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, malakana, toll tax, sale tax, GST or other taxes imposed by the Government.	56.00			Per Cubic metre	
G.Total					Rs:-	

Condition

- The work will be strictly executed as per HPPWD specifications
- The contractor will procure Cement/Steel at their own level from Civil Supply Depot. After the approval of permit from the competent authority and other material from market as per Department specification issued by the Addition Chief Secretary PW to the Govt. of HP vide No PBW (B) C (17) 2/2012 dated 07 August 2018 and all other condition are liable & carriage will be born by the contractor.
- The bills of all materials procured by the contractor M-form of mining materials used for execution of work must be submitted to the authority concerned alongwith contractor bill


Executive Engineer,
National Highway Division,
H.P.P.W.D., Hamirpur (HP)

Job No 11

SCHEDULE OF QUANTITY

Job No. 12

Name of work : Annual repair and Maintenance on NH 70(New NH-03) Km 184/758 to 196/495 (SH.: Hiring of JCB/ Tipper for removal of slips in Km. 191/0 to 196/495)

Estimated Cost:- Rs. 386000.00
Earnest Money:- Rs. 8000.00
Time Limit:- One Month

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Hiring of JCB/Excavator for removal of Slips and boulders in all kind of soil i/c rocky portion and saturated soil and disposing of all excavated earth or un-serviseable materials from the road surfaces up to any leads and lift as per direction and entire satisfaction of Engineer in Charge. The machine/JCB should work minimum 8.00 hours from 9.00 am to 5.00 pm daily and remove atleast 25 cum (Twenty five cubic metre) quantity of slips per hour. Any loss to the public/private property or any accident etcetera happened during the course of hiring period/execution shall be the absolute responsibility of JCB/Excavator owner which shall have to be duly compensated by him in all cases. The fuel and operational staff for excavator will be provided by the owner. The repair and spare, watch and ward of excavator also be borne by the contractor/owner. The daily log book will be maintained at site which should be duly verified by the Engineer-in-Charge.	250.00			Per Hours	
2	Hiring of Tipper for carriage of debris/muck/unserviceable material from the various reaches of the road including all leads, lifts and unloading of material at suitable places as per entire satisfaction of the Engineer-in-Charge (9.00 am to 5.00 PM)	30.00			Per day	
G. Total						

Condition

- The contractor shall be responsible for any kind of breakage in the machinery and accident happens during working hours.
- Nothing shall be paid for idle hours.
- All bear and tear and POL charges are to be born by the contractor.
- The JCB must minimum 40cum slips per hour.
- Log book regarding working hour of JCB for removal of slips must be maintained by the contractor. The log book must be got verified from the competent authority of the PWD. Daily report of working hours may also be sent to PWD Division Office Hamirpur.
- The contractor should have ownership of JCB
- The working hours should be 10 AM to 5 PM except in Emergency work.

Executive Engineer,
National Highway Division,
H.P. PWD, Hamirpur (H.P.)

SCHEDULE OF QUANTITY

Job No. 13

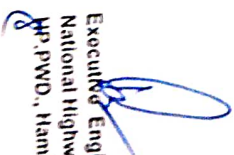
Name of work :- Annual repair and Maintenance on NH 70(New NH-03) Km 184/758 to 196/495 (SH:- Hiring of JCB/ Tipper for removal of slips in Km. 191/10 to 196/495)

Estimated Cost:- Rs. 386000.00
 Earnest Money:- Rs. 8000.00
 Time Limit:- One Month

Sl No.	Description of Item.	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Hiring of JCB/Excavator for removal of Slips and boulders in all kind of soil & rocky portion and saturated soil and disposing of all excavated earth or un serviceable materials from the road surfaces up to any leads and fill as per direction and entire satisfaction of Engineer in Charge. The machine/JCB should work minimum 8.00 hours from 9.00 am to 5.00 pm daily and remove atleast 25 cum (Twenty five cubic metre) quantity of slips per hour. Any loss to the public/private property or any accident etcetera happened during the course of hiring period/execution shall be the absolute responsibility of JCB/Excavator owner which shall have to be duly compensated by him in all cases. The fuel and operational staff for excavator will be provided by the owner. The repair and spare, watch and ward of excavator also be borne by the contractor/owner. The daily log book will be maintained at site which should be duly verified by the Engineer-in-Charge.	250.00			Per Hours	
2	Hiring of Tipper for carriage of debris/muck/unserviceable material from the various reaches of the road including all leads, lifts and unloading of material at suitable places as per entire satisfaction of the Engineer-in-Charge (9.00 am to 5.00 PM)	30.00			Per day	
G. Total						

Condition

- The contractor shall be responsible for any kind of breakage in the machinery and accident happens during working hours
- Nothing shall be paid for idle hours
- All wear and tear and PWD charges are to be born by the contractor
- The JCB fuel minimum 40cum slips per hour
- Log book regarding working hour of JCB for removal of slips must be maintained by the contractor. The log book must be got verified from the competent authority of the PWD. Daily report of working hours may also be sent to PWD Division Office Namrupur
- The contractor should have ownership of JCB
- The working hours should be 10 AM to 5 PM except in Emergency work


 Executive Engineer,
 National Highway Division,
 MP, PWD, Namrupur (MP)

Job No. 14

SCHEDULE OF QUANTITY

Name of work :- Annual repair and Maintenance on NH 70 km (New NH-03) 58/400 to 114/0
(Sth. Construction of P.C.C Rwall at km 95/680 to 95/690.50 (LHS)

Estimated Cost:- Rs. 499880.00
Earnest Money:- Rs. 10000.00
Time Limit: One Month

Sr No.	Description of item.	Qty.	Estimated Cost:- Rs.		Unit	Amount
			In Figure	In Words		
1	Earth work in excavation by mechanical means (Hydraulic excavator/breaker)/manual means over areas (exceeding 30 sqm (Thirty square metres) in depth, 1.5 m (One point five metre) in width as well as 10 sqm (Ten square metre) on plan) including getting out and disposal of excavated earth in all leads and lifts in ordinary rock and all kinds of soil including chipping of hard rocks where blasting is prohibited including entire carriage of materials in all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals. The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, GST or other taxes imposed by the Government. The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	41.42			Per Cubic metre	
2	Providing and laying cement concrete 1:3:6 (One cement : three coarse sand : six graded stone aggregate) 20 mm (Twenty millimetre) nominal size in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, scrus, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etcetera including the cost of centering, shuttering and finishing as per direction of Engineer-in-Charge including entire carriage of material within all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	109.10			Per Cubic metre	
3	Providing weep holes in brick masonry / Stone masonry / plain/reinforced concrete in retaining walls, breast walls and the like with 100mm (One hundred millimetre) dia PVC pipe Finolex/ Supreme having pressure not less than 4.00 Kg/Cm ² (four kilogram) per centimetre square extending through the full width of the structure with slope of 1(V):20(H) (one vertical : twenty horizontal) towards drawing face complete including entire carriage of materials within all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals. The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	28.00			Each	
4	Back filling with granular material wing walls, return walls and retaining walls complete as per drawing and technical specifications and as per direction of Engineer-in-Charge including entire carriage of material within all leads and lifts and other incidentals charges.	9.45			Per Cubic metre	
G.Total						

- Condition**
- The work will be strictly executed as per HPPWD specifications
 - The contractor will procure cement/steel at their own level from Civil Supply Depot. After the approval of permit from the competent authority and other material from market as per Department specification issued by the Additional Chief Secretary PW to the Govt. of HP vide No. PBW (B) C (17) 2/2012 dated 07 August 2018 and all other condition are liable & carriage will be born by the contractor
 - The bills of all materials procured by the contractor M-form of mining materials used for execution of work must be submitted to the authority concerned alongwith contractor bill

Executive Engineer,
National Highway Division,
N.P.W.D., Hamirpur (HP)

Name of work :- Annual repair and Maintenance on NH 20A km (New NH-503) 39/00 to 91/00. (SH:- Construction of Retaining wall at RD 78/665 to 78/673 (RHS).

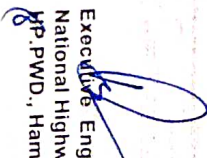
SCHEDULE OF QUANTITY

566 NO.15

Sr No.	Description of item.	Qty.	Estimated Cost:- Rs.		Unit	Amount
			Earnest Money:- Rs.	Time Limit:		One Month
		In Figure	In Words			
1	Earth work in excavation by mechanical means (Hydraulic excavator/breaker)/manual means over areas (exceeding 30 cm (Thirty centimetres) in depth, 1.5 m (One point five metre) in width as well as 10 sqm(Ten square metre) on plan) including getting out and disposal of excavated earth in all leads and lifts in ordinary rock and all kinds of soil including chiseling of hard rocks where blasting is prohibited including entire carriage of materials in all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals.The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	30.00			Per Cubic metre	
2	Providing and laying cement concrete 1:3:6 (One cement : three coarse sand : six graded stone aggregate) 20 mm (Twenty millimetre) nominal size in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etcetera including the cost of centering, shuttering and finishing as per direction of Engineer-in-Charge including entire carriage of material within; all leads and lifts and other incidentals.The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	103.35			Per Cubic metre	
3	Providing weep holes in brick masonry / Stone masonry / plain/reinforced concrete in retaining walls, breast walls and the like with 100mm (One hundred millimetre) dia PVC pipe Finolex/ Supreme having pressure not less than 4.00 Kg/Cm ² (four kilogram) per centimetre square extending through the full width of the structure with slope of 1(V):20(H) (one vertical : twenty horizontal) towards drawing face complete including entire carriage of materials within all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals.The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	78.00			Each	
4	Back filling with granular material wing walls, return walls and retaining walls complete as per drawing and technical specifications and as per direction of Engineer-in-Charge including entire carriage of material within all leads and lifts and other incidentals charges.	28.00			Per Cubic metre	

5	Providing and laying 900mm (Nine hundred millimetre diameter) (1 to level and slopes) reinforced cement concrete non pressure pipe I.S.I class NP-3 (Medium duty) for culverts on 1st class bedding of granular material in single row including collar with cement mortar 1:2 (One cement two coarse sand) but excluding the cost of excavation protection work, back filling concrete and masonry work in head walls and parapets as per drawing and MORD technical specification clause 1108 and as per direction of Engineer-in-Charge including entire carriage of materials within all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax, GST or other taxes imposed by the Government	1.00				Per Running metre	
G. Total							

- Condition
- 1 The work will be strictly executed as per HPPWD specifications
 - 2 The contractor will procure cement/steel at their own level from Civil Supply Depot. After the approval of permit from the competent authority and other material from market as per Department specification issued by the Additional Chief Secretary PW to the Govt of HP vide No. PBW (B) C (17) 2/2012 dated 07 August 2018 and all other condition are liable & carriage will be born by the contractor
 - 3 The bills of all materials procured by the contractor M-form of mining materials used for execution of work must be submitted to the authority concerned alongwith contractor bill


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

Name of work :- Annual repair and Maintenance on NH 20A km (New NH-503) 39/00 to 91/00. (SH:- Construction of Retaining wall at RD 78/657 to 78/665 (RHS).

Job No. 16

SCHEDULE OF QUANTITY

Sr No.	Description of item.	Qty.	Estimated Cost:- Rs.		Unit	Amount
			Earnest Money:- Rs.	Time Limit:		
1	Earth work in excavation by mechanical means (Hydraulic excavator/breaker)/manual means over areas (exceeding 30 cm (Thirty centimetres) in depth, 1.5 m (One point five metre) in width as well as 10 sqm(Ten square metre) on plan) including getting out and disposal of excavated earth in all leads and lifts in ordinary rock and all kinds of soil including chiseling of hard rocks where blasting is prohibited including entire carriage of materials in all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	30.00			Per Cubic metre	497550.00 10000.00 One Month
2	Providing and laying cement concrete 1:3:6 (One cement : three coarse sand : six graded stone aggregate) 20 mm (Twenty millimetre) nominal size in retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etcetera including the cost of centering, shuttering and finishing as per direction of Engineer-in-Charge including entire carriage of material within all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	104.00			Per Cubic metre	
3	Providing weep holes in brick masonry / Stone masonry / plain/reinforced concrete in retaining walls, breast walls and the like with 100mm (One hundred millimetre) dia PVC pipe Finolex/ Supreme having pressure not less than 4.00 Kg/Cm ² (four kilogram) per centimetre square extending through the full width of the structure with slope of 1(V):20(H) (one vertical : twenty horizontal) towards drawing face complete including entire carriage of materials within all leads and lifts and as per drawings and technical specifications as per the direction of Engineer-in-Charge including all incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax, GST or other taxes imposed by the Government.	78.00			Each	
4	Back filling with granular material wing walls, return walls and retaining walls complete as per drawing and technical specifications and as per direction of Engineer-in-Charge including entire Carriage of material within all leads and lifts and other incidentals charges.	28.00			Per Cubic metre	
	G.Total					

Condition

- The work will be strictly executed as per HPPWD specifications
- The contractor will procure cement/steel at their own level from Civil Supply Depot. After the approval of permit from the competent authority and other material from market as per Department specification issued by the Additional Chief Secretary PW to the Govt. of HP vide No. PBM (B) C (17) 2/2012 dated 07 August 2018 and all other condition are liable & carriage will be born by the contractor.
- The bills of all materials procured by the contractor M-form of mining materials used for execution of work must be submitted to the authority concerned along with contractor bill.

Executive Engineer,
National Highway Division,
P.P.W.D., Hamirpur (HP)