HIMACHAL PRADESH P W D

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No. PW/EE/NH/RMP-CB-Tender /2021-22- 6385-87 Dated:- 05/01/2022
To

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

Subject: - Publication of tender notice

Enclosed please find herewith the NIT for uploading on department website as per Notification Pr. Secy. (PW) to the Govt. of HP letter No. PBW(B)A(3)1/2020 dated 19 June 2021 as the work mentioned in the NIT is urgent nature and in public interest.

DA:-Copy of NIT and schedule of quantity.

Executive Engineer,
NH Division HPPWD,
Rampur Bushahr.

Copy forwarded to the Superintending Engineer NH Circle HPPWD Shimla for information, please.

Copy forwarded to the Computer Cell O/O Executive Engineer (IT) Cell), Nigam Vihar Shimla-2 for information and further necessary action, please.

Executive Engineer,
NH Division HPPWD,
Rampur Bushahr.

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT
NOTICE INVITING TENDER

Sealed item rate tender(s) on PWD form No.6 &8 are hereby invited by the Executive Engineer. NH- Division, HP.PWD, Rampur Distt. Shimla (H.P) on behalf of the Governor of H.P for the following works from the registered contractors in HP.PWD in appropriate class to reach in this office on **12-01-2022** up to 10.30 A.M. and will be opened on the same day at 11.00A.M. in the presence of Contractors or their authorized representative who wish to be present at that time. The application for obtaining the tender form will be received on **11-01-2022** i.e. 11.00 AM to 1.00 PM and the tender form can be had from this office against this cash payment (Non- refundable) on the same day from 2.00P.M. to 5.00 P.M. No application shall be entertained without **earnest money and cost of tender form** or through FAX.

Earnest money shall be in shape of NSC/FDR duly pledged in favour of Executive Engineer NH-Division HP.PWD Rampur Bushahr Distt. Shimla H.P. Ambiguous /Telegraphically/conditional tenders or tender through FAX shall not be entertained/ considered in any case.

Sr. No.	Name of Work	Estimated Cost	Earnest Money	Time	Form No.	Cost of form
1	A/R and M/O on NH-305 Sainj-Luhri-Aut road Km 0/00 to 53/00 (SH:- Formation cutting for passing places at RD 17/170 to 17/230).	4,33,837/-	8,700 -	Two months	6 & 8	350
2	A/R and M/O on NH-305 Sainj-Luhri-Aut road Km 0/00 to 53/00 (SH:- Formation cutting for passing places at RD 18/970 to 19/015).	1,72,446/-	3,400/-	Two months	6 & 8	350
3	A/R and M/O on NH-305 Sainj-Luhri-Aut road Km 0/00 to 53/00 (SH:- Formation cutting for passing places at RD 19/580 to 19/600 and 19/617 to 19/665).	1,67,115/-	3,300/-	Two months	6 & 8	350
4	A/R and M/O on NH-505A Km 0/00 to 17/00 (SH:- Construction of wire crate R/wall at RD 3/340 to 3/352).	4,87,631/-	9,800/-	Two months	6 & 8	350
5	A/R and M/O on NH-505A Km 0/00 to 17/00 (SH:- Construction of wire crate R/wall at RD 3/364 to 3/370).	2,45,607/-	4,900/-	Two months	6 & 8	350
6	A/R and M/O on NH-305 Sainj-Luhri-Aut road Km 0/00 to 53/00 (SH:- Construction of U-shaped drain at RD 3/00 to 3/180).	4,47,282/-	8,900/-	Two months	6 & 8	350
7	A/R and M/O on NH-05 Km 236/00 to 368/00 (SH:- Construction of wire crate B/wall at RD 2854/845 to 284/865).	1,75,257/-	9,000 -	Two months	6 & 8	350
8	A/R and M/O on NH-05 Km 236/00 to 368/00 (SH:- Construction of B/wall in PCC at RD 297/725 to 297/735).	3,12,443/-	6,200 -	Two months	6 & 8	350
9	A/R and M/O on NH-05 Km 236/00 to 368/00 (SH:- C/O Hupe pipe culvert at RD 264/320).	4,96,601/-	10,000/-	Two months	6 & 8	350
10	A/R and M/O on NH-05 Km 236/00 to 368/00 (SH:- C/O PCC B/wall at RD 271/650 to 271/665).	4,21,114/-	8,500/-	Two months	6 & 8	350

SPECIAL CONDITIONS

1. The material shall be arranged by the contractor himself.
2. The detail of documents to be attached with the application is given below.
   i Latest copy of renewal enlistment.
   ii Copy of Pan Card.
   iii Copy of GST No.
3. The offer of the tender shall be kept open for 90 days
4. Tender received after the specified time/date shall not be opened.
5. Executive Engineer NH-division HP.PWD Rampur Distt. Shimla H.P. reserves the right to reject any or all tender/s without assigning any reasons.
6. If due to any unforeseen reasons the office of the Executive Engineer NH-Division HP.PWD Rampur remain closed on the notified date of sale and receipt of tender, tender will be sold and received/opened the next working day of same specified time.
7. Tenderers may contact the Executive Engineer for any further information they may require during the working day/ office hours.
8. The contractor/ firms are requested to insert the rate of each in words as well as in figures failing which Executive Engineer reserves the right to reject any or all tenders.

9. The labourcess shall allow/ deduction @ 2% TDS amount of GST (1% CGST and 1% SGST).
10. The labour cess @ 1% will be deducted from the gross amount of the bill
11. A contractor enlisted in a particular class shall be eligible to tender for his own class and one step below as per Govt. notification No.PBW (B) 22-1/2002 dated 26-05-2015.
12. The Contractor will have to submit the proof of registration under Employees Provident Funds & Miscellaneous Provision Act.1952 before award of work.
13. Cement should be purchased from H.P. State Civil Supply corporation
14. GST will be deducted from each bill as per latest instruction of the Government.

Executive Engineer,
NH Division, H.P.PWD,
Rampur Bushahr.

No.PW/EE/NH/RMP/CB-Tender Notice/2021-22- Dated:-

Copy forwarded for information to the:-

1. Engineer-in-Chief, HP.PWD, Shimla
2. Chief Engineer (NH) HP.PWD, Shimla-1
3. Superintending Engineer, NH-Circle, HP.PWD, Shimla. It is requested to kindly issue the certificate the tender of above emergent nature in public interest.
4. All the Assistant Engineer working under this division
5. A/B & D/B in this office.
6. Notice board of this office.

Executive Engineer,
NH Division, H.P.PWD,
Rampur Bushahr

Certificate

Certified that the tenders for the work invited vide this office NIT No. PW/EE/NH/RMP-CB-Tender/2021-6375-6384 dated 05-01-2022 is of urgent nature in public interest.

Executive Engineer
NH Division HPPWD
Rampur Bushahr

SCHEDULE OF QUANTITY

NAME OF WORK:- A/R and M/O NH-305 Sainj Luhri Aut road Km 0/00 to 53/00 (SH:- Formation Cutting for passing places at RD 17/170 to 17/230)				Estimated cost:- 433837.00 Earnest money:- 8700.00 Time:- Two month		
Sr, No.	**Sub head/item of work**	**Quantity**	**Rate In Figure**	**Rate In words.**	**Unit**	**Amount**
1	2	3	4	5	6	7
1	Excavation in soil in hilly area by mechnical means in all heights and depths, in all kinds of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out of rock (where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth lift upto all heights and all leads as directed by the Engineer-in-Charge, in conformity with the requirement of technical specification of rural roads clause 1603.1. Minimum quantity of useful material such as stones, shingles, aggregates and slates etc. i.e 242.60 cubic metre, shall be sorted out and stacked along the road side properly, otherwise recovery @ Rs. 300/- per cubic metre shall be effected from the bills of the contractor. Any loss to the public and private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	1107.15			Per Cubic metre	
					Total:-	

Executive Engineer,
NH Division HPPWD,
Rampur Bsr.

SCHEDULE OF QUANTITY

NAME OF WORK:- A/R and M/O NH-305 Sainj Luhri Aut road Km 0/00 to 53/00 (SH:- Formation Cutting for passing places at RD 18/970 to 19/015)				Estimated cost:- 172446.00 Earnest money:- 3400.00 Time:- One month		
Sr, No.	**Sub head/item of work**	**Quantity**	**Rate In Figure**	**Rate In words.**	**Unit**	**Amount**
1	2	3	4	5	6	7
1	Excavation in soil in hilly area by mechnical means in all heights and depths, in all kinds of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out of rock (where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth lift upto all heights and all leads as directed by the Engineer-in-Charge, in conformity with the requirement of technical specification of rural roads clause 1603.1. Minimum quantity of useful material such as stones, shingles, aggregates and slates etc. i.e 84.00 cubic metre, shall be sorted out and stacked along the road side properly, otherwise recovery @ Rs. 300/- per cubic metre shall be effected from the bills of the contractor. Any loss to the public and private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	504.45			Per Cubic metre	
					Total:-	

Executive Engineer,
NH Division HPPWD,
Rampur Bsr.

SCHEDULE OF QUANTITY

NAME OF WORK:- A/R and M/O NH-305 Sainj Luhri Aut road Km 0/00 to 53/00 (SH:- Formation Cutting for passing places at RD 19/580 to 19/600 and 19/617 to 19/665)				Estimated cost:- 167115.00 Earnest money:- 3300.00 Time:- Two month		
Sr, No.	**Sub head/item of work**	**Quantity**	**Rate In Figure**	**Rate In words.**	**Unit**	**Amount**
1	2	3	4	5	6	7
1	Excavation in soil in hilly area by mechnical means in all heights and depths, in all kinds of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side. Rock shall be excavated with chiselling and wedging out of rock (where blasting is prohibited) including cutting and trimming of side slopes and disposing of excavated earth lift upto all heights and all leads as directed by the Engineer-in-Charge, in conformity with the requirement of technical specification of rural roads clause 1603.1. Minimum quantity of useful material such as stones, shingles, aggregates and slates etc. i.e 92.35 cubic metre, shall be sorted out and stacked along the road side properly, otherwise recovery @ Rs. 300/- per cubic metre shall be effected from the bills of the contractor. Any loss to the public and private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.	572.90			Per Cubic metre	
					Total:-	

Executive Engineer,
NH Division HPPWD,
Rampur Bsr.

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O on NH-505 A Km 0/00 to 17/00 (SH:- Construction of wire crate R/wall at RD 3/340 to 3/352)				Estimated cost:- 487631.00 Earnest money:- 9800.00 Time:- Two month		
Sr, No.	Sub head/item of work	Quantity	Rate In Figure	Rate In words.	Unit	Amount
1	Earthwork in excavation for structures in all depths as per drawing and technical specifications as per Clause 304 of section 300 of MORTH specifications in all kinds of soils i.e.pick work,jumper work,blasting work in soft and hard rock and intermediate classifications of soil including chiselling and wedging out of rock with in all depths and heights,stacking the useful materials and disposal of unserviceable materials upto the identified dumping site as per the direction of the Engineer-in-Charges with in all leads and lifts. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compansated by him at his own cost.	40.32			Per cubic meter.	
2	Providing and laying of boulders apron laid in wire crate made with 4 mm (Four milimetre) thick G.I wire confirming to IS 280 and IS 4826 in 100x100 mm(hundred into hundred milimetre) mesh (Weaved diagonal) in all heights and depths including 10% extra for laps and joints laid with stone boulders weighing not less than 40Kg(Forty kilograms) each including carriage of materials by mechnical transport in all leads and lifts confirming with the MORTH Specification (Latest revision) and as per direction of the Engineer-in-Charge.	129.60			Per cubic meter.	
					Total:-	

Note:-Contractor will himself arrange the following materials:-

1.G.I.wire:-wire will be arranged by the contractor himself.

2.Accounting system will be same as is being followed as per present practice.

Executive Engineer,
NH Division HPPWD,
Rampur Bsr.

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O on NH-505 A Km 0/00 to 17/00 (SH:- Construction of wire crate R/wall at RD 3/364 to 3/704)				Estimated cost:- 245607.00 Earnest money:- 4900.00 Time:- Two month		
Sr, No.	Sub head/item of work	Quantity	Rate In Figure	Rate In words.	Unit	Amount
1	Earthwork in excavation for structures in all depths as per drawing and technical specifications as per Clause 304 of section 300 of MORTH specifications in all kinds of soils i.e.pick work,jumper work,blasting work in soft and hard rock and intermediate classifications of soil including chiselling and wedging out of rock with in all depths and heights,stacking the useful materials and disposal of unserviceable materials upto the identified dumping site as per the direction of the Engineer-in-Charges with in all leads and lifts. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compansated by him at his own cost.	23.76			Per cubic meter.	
2	Providing and laying of boulders apron laid in wire crate made with 4 mm (Four milimetre) thick G.I wire confirming to IS 280 and IS 4826 in 100x100 mm(hundred into hundred milimetre) mesh (Weaved diagonal) in all heights and depths including 10% extra for laps and joints laid with stone boulders weighing not less than 40Kg(Forty kilograms) each including carriage of materials by mechnical transport in all leads and lifts confirming with the MORTH Specification (Latest revision) and as per direction of the Engineer-in-Charge.	64.80			Per cubic meter.	
					Total:-	

Note:-Contractor will himself arrange the following materials:-

1.G.I.wire:-wire will be arranged by the contractor himself .

2.Accounting system will be same as is being followed as per present practice.

Executive Engineer,
NH Division HPPWD,
Rampur Bsr.

Schedule of Quantity

Name of work:- A/R & M/O on NH-305 Sainj Luhri Aut road Km 0/00 to 53/00. (SH:- Construction of U -Shaped side drain at RD 3/00 to 3/180)	Estimated Cost:- 447282.00 Earnest Money 8900.00 Time :- Two Month

S.No.	Descriptions	Quantity	Rate		Unit	Amount
			In figure	In words.		
1	Cutting in earth work in all kinds of soils such as pick work, jumper work, soft and hard rock i.e. chiselling and wedging out of rock if required and saturated soils and their intermediate classifications in all heights and depths.Stacking the useful stone/materials and disposal of unserviceable materials upto the identified dumping site as per the direction of the Engineer-in-Charges including loading of truck for carrying the unserviceable materials. Any loss of public/private property during the course of execution shall be the sole responsibility of the contractor which shall have to be duly compansated by him at his own cost in all cases, the work shall be carried out as per clause 301 of section 300 of MORTH specifications to the entire satisfication and direction of Engineer-in-Charge.	8.4 Cum			Per cubic meter.	
2	Earthwork in excavation for structures in all depths as per drawing and technical specifications as per Clause 304 of section 300 of MORTH specifications in all kinds of soils i.e.pick work,jumper work,blasting work in soft and hard rock and intermediate classifications of soil including chiselling and wedging out of rock with in all depths and heights,stacking the useful materials and disposal of unserviceable materials upto the identified dumping site as per the direction of the Engineer-in-Charges with in all leads and lifts. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compansated by him at his own cost.	45.00 Cum			Per cubic meter.	

3	Providing and laying mechanically mixed and vibrated cement concrete M-15 containing minimum contents of cement is 5.50 bags per cum in all heights and depth as per drawing and technical specifications in foundation of retaining walls complete as per MORTH specification No.1500,1700 & 2100 including carriage of all materials within all leads and lifts with all modes of transportation and equipment and cost of formwork required to complete the work to the satisfaction of the Engineer-in-Charge.	26.10 Cum.			Per cubic meter.	
4	Supplying,fitting and placing HYSD bar reinforcement in sub structure complete as per drawing and technical specification including carriage of all matrials within all leads and lifts with all modes of transportation and equipment and cost of form work required complete the work to the satisfacation of the Engineer-in-charge.	1.41 M.T			Per M.T	
5	Steel work weldwdin built up sections,includinf cutting hoisting, ficinf in position and appling a priming coat of red lead paint in graitng ,Framed , guareds, bars,ladders railling brackets and similar works including carriage of all matrials within all leads and lifts with all modes of transportation and equipment and cost of form work required complete the work to the satisfacation of the Engineer-in-charge.	28.14 Qtl			Per Qtl.	
6	Providing and laying back filling behind Retaining walls satisfying the requirement as per drawing and technical specifications in all heights and depths compacted to a firm condition complete including carriage of materials by mechnical transport in all leads and lifts and as per direction of the Engineer-in-Charge.	10.80 Cum.			Per cubic meter.	
					Total Rs:-	

Note:-Contractor will himself arrange the following materials:-

1.Cement:-To be purchased from H.P. State Civil Supplies Corporation.

2.Accounting system will be same as is being followed as per present practice.

Executive Engineer,
N.H.Division,HP.PWD,
Rampur Bsr.

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O on NH-05 Km 236/00 to 368/00 (SH:- Construction of wire crate B/wall at RD 284/845 to 284/865)				Estimated cost:- 175257.00 Earnest money:- 3300.00 Time:- Two month		
Sr, No.	Sub head/item of work	Quantity	Rate In Figure	Rate In words.	Unit	Amount
1	Cutting in earth work in all kinds of soils such as pick work, jumper work, soft and hard rock i.e. chiselling and wedging out of rock if required and saturated soils and their intermediate classifications in all heights and depths.Stacking the useful stone/materials and disposal of unserviceable materials upto the identified dumping site as per the direction of the Engineer-in-Charges including loading of truck for carrying the unserviceable materials. Any loss of public/private property during the course of execution shall be the sole responsibility of the contractor which shall have to be duly compansated by him at his own cost in all cases, the work shall be carried out as per clause 301 of section 300 of MORTH specifications to the entire satisfication and direction of Engineer-in-Charge.	49.80			Per cubic meter.	
2	Earthwork in excavation for structures in all depths as per drawing and technical specifications as per Clause 304 of section 300 of MORTH specifications in all kinds of soils i.e.pick work,jumper work,blasting work in soft and hard rock and intermediate classifications of soil including chiselling and wedging out of rock with in all depths and heights,stacking the useful materials and disposal of unserviceable materials upto the identified dumping site as per the direction of the Engineer-in-Charges with in all leads and lifts. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compansated by him at his own cost.	15.80			Per cubic meter.	
3	Providing and laying of boulders apron laid in wire crate made with 4 mm (Four milimetre) thick G.I wire confirming to IS 280 and IS 4826 in 100x100 mm(hundred into hundred milimetre) mesh (Weaved diagonal) in all heights and depths including 10% extra for laps and joints laid with stone boulders weighing not less than 40Kg(Forty kilograms) each including carriage of materials by mechnical transport in all leads and lifts confirming with the MORTH Specification (Latest revision) and as per direction of the Engineer-in-Charge.	64.80			Per cubic meter.	
					Total:-	

Note:-Contractor will himself arrange the following materials:-

1.G.I.wire:-wire will be arranged by the contractor himself.

2.Accounting system will be same as is being followed as per present practice.

Executive Engineer,
NH Division HPPWD,
Rampur Bsr.

Schedule of Quantity

Name of work:- A/R & M/O on NH-05 Km 236/00 to 368/00. (SH:-Construction of B/wall in P.C.C. at RD 297/725 to 297/735)	Estimated Cost:- 312443.00
	Earnest Money 6200.00
	Time :- Two Month

S.No.	Descriptions	Quantity	Rate		Unit	Amount
			In figure	In words.		
1	Cutting in earth work in all kinds of soils such as pick work, jumper work, soft and hard rock i.e. chiselling and wedging out of rock if required and saturated soils and their intermediate classifications in all heights and depths.Stacking the useful stone/materials and disposal of unserviceable materials upto the identified dumping site as per the direction of the Engineer-in-Charges including loading of truck for carrying the unserviceable materials. Any loss of public/private property during the course of execution shall be the sole responsibility of the contractor which shall have to be duly compansated by him at his own cost in all cases, the work shall be carried out as per clause 301 of section 300 of MORTH specifications to the entire satisfication and direction of Engineer-in-Charge.	21.00 Cum			Per cubic meter.	
2	Earthwork in excavation for structures in all depths as per drawing and technical specifications as per Clause 304 of section 300 of MORTH specifications in all kinds of soils i.e.pick work,jumper work,blasting work in soft and hard rock and intermediate classifications of soil including chiselling and wedging out of rock with in all depths and heights,stacking the useful materials and disposal of unserviceable materials upto the identified dumping site as per the direction of the Engineer-in-Charges with in all leads and lifts. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compansated by him at his own cost.	17.00 Cum			Per cubic meter.	

3	Providing and laying mechanically mixed and vibrated cement concrete M-15 containing minimum contents of cement is 5.50 bags per cum in all heights and depth as per drawing and technical specifications in foundation of retaining walls complete as per MORTH specification No.1500,1700 & 2100 including carriage of all materials within all leads and lifts with all modes of transportation and equipment and cost of formwork required to complete the work to the satisfaction of the Engineer-in-Charge.	47.54 Cum.			Per cubic meter.	
4	Providing and laying 100mm diameter (Hundred milimeter) P. V.C. pipe in weep holes in R/wall in requisite slopes for drainages as per the direction of the Engineer-in-charges including carriage of materials in all leads and lifts with mechanical means.	25.00 Rmt.			Per Running meter	
					Total Rs:-	

Note:-Contractor will himself arrange the following materials:-

1.Cement:-To be purchased from H.P. State Civil Supplies Corporation.

2.Accounting system will be same as is being followed as per present practice.

Executive Engineer,
N.H.Division,HP.PWD,
Rampur Bsr.

SCHEDULE OF QUANTITY

NAME OF WORK:- A/R & M/o NH-05 Km 236/000 to 368/000 (SH:- C/o Hume Pipe Culvert at RD 264/320).			Estimated Cost:-		496601.00	
			Earnest Money:-		10000.00/-	
			Time :-		Two month	
Sr. No	**Description of items**	**Quantity**	**Rate in Figures**	**Rate in words**	**Unit**	**Amount**
1	Cutting in earth work in all kinds of soils such as pick work, jumper work, soft and hard rock i.e. chiselling and wedging out of rock if required and saturated soils and their intermediate classifications in all heights and depths.Stacking the useful stone/materials and disposal of unserviceable materials upto the identified dumping site as per the direction of the Engineer-in-Charges including loading of truck for carrying the unserviceable materials. Any loss of Public/ private property during the course of execution shall be the sole responsibility of the contractor which shall have to be duly compansated by him at his own cost in all cases, the work shall be carried out as per clause 301 of section 300 of MORTH specifications to the entire satisfication and direction of Engineer-in-Charge.	25.21			Cum	
2	Earthwork in excavation for structures in all depths as per drawing and technical specifications as per Clause 304 of section 300 of MORTH specifications in all kinds of soils i.e.pick work,jumper work,blasting work in soft and hard rock and intermediate classifications of soil including chiselling and wedging out of rock with in all depths and heights,stacking the useful materials and disposal of unserviceable materials upto the identified dumping site as per the direction of the Engineer-in-Charges with in all leads and lifts. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compansated by him at his own cost.	57.53			Cum	
3	Providing and laying mechanically mixed and vibrated cement concrete M-15 containing minimum contents of cement is 5.50 bags per cum in all heights and depth as per drawing and technical specifications in foundation of retaining walls complete as per MORTH specification No.1500,1700 & 2100 including carriage of all materials within all leads and lifts with all modes of transportation and equipment and cost of formwork required to complete the work to the satisfaction of the Engineer-in-Charge.	64.44			Cum	

4	Providing and laying flooring laid over cement concrete bedding complete as per drawing and technical specification Claused 1303 Rubble stone laid in cement mortar 1:3 including carriage of all materials within all leads and lifts with all modes of transportation and equipment and cost of formwork required to complete the work to the satisfaction of the Engineer-in-Charge.	0.98			Cum	
5	Providing and laying reinforced cement concrete pipe NP4 as per design in single Row. Providing and laying reinforced cement concrete pipe NP4 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause 1106. 1000 mm dia including carriage of all materials within all leads and lifts with all modes of transportation and equipment and cost of formwork required to complete the work to the satisfaction of the Engineer-in-Charge.	15.00			Cum	
6	Filling in foundation trenches as per drawing and technical specification clause 305.39 compacted to firm condition complete as per drawing and technical specification including carriage of all materials within all leads and lifts with all modes of transportation and equipment required to complete the work to the satisfaction of the Engineer-in-Charge.	16.38			Rmt.	

Executive Engineer,
N.H.Division.HP.PWD.
Rampur Bushair.

Schedule of Quantity

Name of work:- A/R & M/O on NH-05 Km 236/00 to 368/00. (SH:-Construction of B/wall in P.C.C. at RD 271/650 to 271/665)	Estimated Cost:- 421114.00
	Earnest Money 8500.00
	Time :- Two Month

S.No.	Descriptions	Quantity	Rate		Unit	Amount
			In figure	In words.		
1	Cutting in earth work in all kinds of soils such as pick work, jumper work, soft and hard rock i.e. chiselling and wedging out of rock if required and saturated soils and their intermediate classifications in all heights and depths.Stacking the useful stone/materials and disposal of unserviceable materials upto the identified dumping site as per the direction of the Engineer-in-Charges including loading of truck for carrying the unserviceable materials. Any loss of public/private property during the course of execution shall be the sole responsibility of the contractor which shall have to be duly compansated by him at his own cost in all cases, the work shall be carried out as per clause 301 of section 300 of MORTH specifications to the entire satisfication and direction of Engineer-in-Charge.	44.85 Cum			Per cubic meter.	
2	Earthwork in excavation for structures in all depths as per drawing and technical specifications as per Clause 304 of section 300 of MORTH specifications in all kinds of soils i.e.pick work,jumper work,blasting work in soft and hard rock and intermediate classifications of soil including chiselling and wedging out of rock with in all depths and heights,stacking the useful materials and disposal of unserviceable materials upto the identified dumping site as per the direction of the Engineer-in-Charges with in all leads and lifts. Any loss of public/private property during the course of execution shall be the sole responsibility of contractor which shall have to be duly compansated by him at his own cost.	15.45 Cum			Per cubic meter.	

3	Providing and laying mechanically mixed and vibrated cement concrete M-15 containing minimum contents of cement is 5.50 bags per cum in all heights and depth as per drawing and technical specifications in foundation of retaining walls complete as per MORTH specification No.1500,1700 & 2100 including carriage of all materials within all leads and lifts with all modes of transportation and equipment and cost of formwork required to complete the work to the satisfaction of the Engineer-in-Charge.	64.80 Cum.			Per cubic meter.	
4	Providing and laying 100mm diameter (Hundred milimeter) P. V.C. pipe in weep holes in R/wall in requisite slopes for drainages as per r MORTH specification clause 2705 and 2200 (Latest revision) including carriage of materials by mechnical transport in all leads and lifts and as per direction of the Engineer-in-Charge.	36.00 Rmt.			Per Running meter	
					Total Rs:-	

Note:-Contractor will himself arrange the following materials:-

1.Cement:-To be purchased from H.P. State Civil Supplies Corporation.

2.Accounting system will be same as is being followed as per present practice.

Executive Engineer,
N.H.Division,HP.PWD,
Rampur Bsr.