

Himachal Pradesh
Public Works Department

NO/PW/PNH/AB/Tender/2021-
To

2521-23

Dated:- 17/8/21

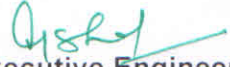
The Executive Engineer (IT cell),
Nigam Vihar, Shimla-2.

Subject:-

Publication of tender Notice.

Enclosed please find herewith the Tender Notice of the works as given in the Notice Inviting Tender 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 Shimla-2 the 16th July 2021 as the work mentioned in the tender notice are urgent in nature and in public interest.

DA:- NIT & Schedule of quantity and Certificate.


Executive Engineer,
National Highway Division,
HPPWD Pandoh

Copy forwarded to the Superintending Engineer, NH
Circle, HPPWD Shahpur 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,
National Highway Division,
HPPWD Pandoh.

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT
"NOTICE INVITING TENDER"**

Sealed item rate tenders on form No. 6&8 are hereby invited by the Executive Engineer, NH Division, HPPWD, Pandoh for the following works on behalf of the Governor of Himachal Pradesh from the eligible contractors enlisted in HPPWD so as to reach in this office as per time schedule given below:-

1. Date of receipt of Applications for tender forms: - 24.08.2021 upto 3.00 PM
2. Date of issue/sale of Tender forms: - 25.08.2021 upto 5.00 PM
3. Date of receipt of Tender: - 26.08.2021 upto 10.30 AM
4. Date of opening of Tender: - 26.08.2021 at 11.00AM

Sr. No.	Name of work	Estimated cost	Earnest money	Cost of form	Time Period for completion	Form No.	Eligibility of Contractors
1	A/R & M/O on Attari-Leh- via Hamirpur-Tauni Devi-Awah Devi-Sarkaghat- Kotli-Manali road NH-70 New No.03) Km. 196/495 to 264/960 (SH- Extension of RCC Hume pipe culvert along with wing walls at RD 263/671).	Rs. 2,49,164/-	Rs. 5000/-	Rs. 350/-	Two Months	6&8	Class C & D enlisted in HPPWD
2	A/R & M/O on Attari-Leh- via Hamirpur-Tauni Devi-Awah Devi-Sarkaghat- Kotli-Manali road NH-70 New No.03) Km. 196/495 to 264/960 (SH- Construction of PCC R/wall at RD 212/445 to 212/456).	Rs. 4,45,882/-	Rs. 9,000/-	Rs. 350/-	Two Months	6&8	-do-
3	A/R & M/O on Attari-Leh- via Hamirpur-Tauni Devi-Awah Devi-Sarkaghat- Kotli-Manali road NH-70 New No.03) Km. 196/495 to 264/960 (SH- Construction of Causeway at RD 198/915 to 198/930).	Rs. 1,22,331/-	Rs. 2500/-	Rs. 350/-	One Month	6&8	-do-
4	A/R & M/O on Attari-Leh- via Hamirpur-Tauni Devi-Awah Devi-Sarkaghat- Kotli-Manali road NH-70 New No.03) Km. 196/495 to 264/960 (SH- Construction of Retaining wall at RD 263/995 to 264/0).	Rs. 3,67,623/-	Rs. 7400/-	Rs. 350/-	Two Months	6&8	-do-
5	A/R & M/O on Attari-Leh- via Hamirpur-Tauni Devi-Awah Devi-Sarkaghat- Kotli-Manali road NH-70 New No.03) Km. 196/495 to 264/960 (SH- Clearing grass and removal of rubbish between Km. 196/495 to 213/0).	Rs. 79,393/-	Rs. 1600/-	Rs. 350/-	Two Months	6&8	-do-
6	A/R & M/O on Attari-Leh- via Hamirpur-Tauni Devi-Awah Devi-Sarkaghat- Kotli-Manali road NH-70 New No.03) Km. 196/495 to 264/960 (SH- Clearing grass and removal of rubbish between Km. 213/0 to 230/0).	Rs. 98,920/-	Rs. 2000/-	Rs. 350/-	Two Months	6&8	-do-
7	A/R & M/O on Attari-Leh- via Hamirpur-Tauni Devi-Awah Devi-Sarkaghat- Kotli-Manali road NH-70 New No.03) Km. 196/495 to 264/960 (SH- Clearing grass and removal of rubbish between Km. 230/0 to 247/0).	Rs. 90,645/-	Rs. 1800/-	Rs. 350/-	Two Months	6&8	-do-
8	A/R & M/O on Attari-Leh- via Hamirpur-Tauni Devi-Awah Devi-Sarkaghat- Kotli-Manali road NH-70 New No.03) Km. 196/495 to 264/960 (SH- Clearing grass and removal of rubbish between Km. 247/0 to 264/960).	Rs. 99,561/-	Rs. 2000/-	Rs. 350/-	Two Months	6&8	-do-

9	Restoration of damage caused due to digging of road for laying of sewerage line on Attari-Leh- via Hamirpur-Tauni Devi-Awah Devi-Sarkaghat-Kotli-Manali road NH-70 (New No.03) Km. 196/495 to 264/960 by IPH Department (SH- Providing and laying patch work in km. 264/0 to 264/960) (Deposit work).	Rs. 85,619/-	Rs. 1800/-	Rs. 350/-	One Month	6&8	-do-
10	A/R & M/O of Sainj-Luhari-Anni-Jalori-Banjar-Aut road NH 305 Km. 53/0 to 97/0 (SH:- Providing and laying 80 mm thick interlocking paver in km. 72/800 to 72/880).	Rs. 3,72,258/-	Rs. 7500/-	Rs. 350/-	Two Months	6&8	-do-
11	A/R & M/O of Sainj-Luhari-Anni-Jalori-Banjar-Aut road NH 305 Km. 53/0 to 97/0 (SH: - Construction of PCC R/Wall at Km. 61/850 to 61/859).	Rs. 4,72,665/-	Rs. 9500/-	Rs. 350/-	Two Months	6&8	-do-
12	A/R & M/O of Sainj-Luhari-Anni-Jalori-Banjar-Aut road NH 305 Km. 53/0 to 97/0 (SH: - Extension of existing C.D. 92/810, 93/150 and 93/320).	Rs. 1,72,460/-	Rs. 3500/-	Rs. 350/-	Two Months	6&8	-do-
13	A/R & M/O of Sainj-Luhari-Anni-Jalori-Banjar-Aut road NH 305 Km. 53/0 to 97/0 (SH: - Construction of wire crate R/Wall at RD. 61/800 to 61/817.50).	Rs. 4,86,775/-	Rs. 9800/-	Rs. 350/-	Two Months	6&8	-do-
14	A/R & M/O of Sainj-Luhari-Anni-Jalori-Banjar-Aut road NH 305 Km. 53/0 to 97/0 (SH: - Construction of PCC R/wall at RD 66/280 to 66/290).	Rs. 2,14,407/-	Rs. 4300/-	Rs. 350/-	One Month	6&8	-do-
15	A/R & M/O of Sainj-Luhari-Anni-Jalori-Banjar-Aut road NH 305 Km. 53/0 to 97/0 (SH: - Construction of PCC R/wall at RD 78/970 to 78/980).	Rs. 2,14,407/-	Rs. 4300/-	Rs. 350/-	One Month	6&8	-do-
16	A/R & M/O of Sainj-Luhari-Anni-Jalori-Banjar-Aut road NH 305 Km. 53/0 to 97/0 (SH: - Construction of wire crate Retaining wall and providing and laying RCC Hume pipe for extension of road width of existing C.D at Km. 74/450).	Rs. 4,95,385/-	Rs. 10,000/-	Rs. 350/-	Two Months	6&8	-do-
17	A/R & M/O of Sainj-Luhari-Anni-Jalori-Banjar-Aut road NH 305 Km. 53/0 to 97/0 (SH: - Construction of PCC R/wall at RD 65/035 to 65/045).	Rs. 1,73,554/-	Rs. 3500/-	Rs. 350/-	One Month	6&8	-do-

TERMS & CONDITIONS: - The tender documents shall be issued to those contractors/firms who fulfil 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 HP. FDR from any Nationalized Bank (i/c Kangar Central Cooperative Bank and CD Cooperative Society) 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. The application received without earnest money & cost of tender form shall summarily be rejected.
6. Tax Clearance Certificate (T.C.C.) issued from the concerned Exercise and Taxation department.
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 days.
11. The contractors/firm must quote their rates in words as well as in figures failing which Xen reserves the right to accept/reject any or all tenders.
12. The Tender form 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 certificate issued by the concerned Executive Engineer must be attached with the application for issue of tender form.


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

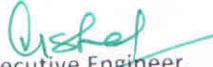
For and on behalf of the Governor of HP.

NO/PW/PNH/AB/Tender/2021-2454-2520

Dated:- 17/8/21

Copy forwarded for information and necessary actions to:-

1. The Engineer-in-Chief, HP.PWD, Nigam Vihar, Shimla.
2. The Chief Engineer, NH HP.PWD Shimla-2.
3. The Superintending Engineer, NH Circle, HPPWD Shahpur. It is requested to display the notice on the Notice Board please.
4. All the Superintending Engineers/Executive Engineers in HP.PWD.
5. The Deputy Commissioner, Mandi and Kullu. It is requested to display the notice on Notice Board.
6. The Tehsildar, Sadar, Kotli, Dharmpur, Balichowki and Banjar. It is requested to display the notice on Notice Board
7. The B.D.O Sadar, Dharmpur, Balichowki and Banjar. It is requested to display the notice on Notice Board.
8. All Assistant Engineers working under this Division. It is requested to display the notice on Notice Board.
9. Correspondence Branch/Drawing Branch/Notice board.
10. Lok Mitra, Pandoh.
11. Various Contractors/Firms.


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

1 Schedule of quantity

Name of Work:- A/R & M/O on Attari- Leh via Hamirpur-Taunidevi-Awahdevi-Sarkaghat-Mandi-Manali Road NH-70 (New NH03)K.M.196/495 to 264/960.(Sub-Head:- Extension of R.C.C.Hume Pipe Culvert along with wing walls at R.D.263/671.)

Estimated Cost:- Rs.249164/-
Earnest money:- Rs.5000/-
Time allowed:- Two month.

Sr. No.	Description of item	Quantity	Rate		Unit	Amount
			In Figure	In words		
1	Earth work in excavation for all kinds of soil 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 squaremetre) 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, within all leads, lifts, carriage of material and other incidental complete in all respect as per direction of Engineer-in-Charge.	11.92 Cubic metre			Per cubic metre	
2	Centering and shuttering including strutting, propping etc. and removal of form work for Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc .within all leads, lifts, carriage of material and other incidental.	74.81 Square metre			Per square metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (One Cement : Three coarse sand): Six graded stone aggregate 40 mm(forty millimetre nominal size)within all leads, lifts, carriage of material and other incidental.	35.27 Cubic metre			Per cubic metre	
4	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (One cement : Two fine sand) including testing of joints etc. complete :900 mm dia.(Nine hundred millimetre diameter). R.C.C. pipe within all leads, lifts, carriage of material and other incidental.	2.50 Running metre			Per Running metre	
5	Providing and laying weep holes in stone, brick masonry, plain/reinforced concrete abutments/wing walls/return walls, breast walls and retaining walls with 100 mm (one hundred millimetre) diameter PVC pipe, extended through the full width of the structure with slope of 1V:20 H(One vertical isto twenty horizontal) towards drawing face complete as per drawing and MORT&H technical specification No.2706 and 2200 (5th revision- 2013) including head load or mechanical means including haulage of materials in all leads and lifts with all modes of transportation and as per the direction and entire satisfaction of Engineer-in-Charge.	18.00 Nos			Each	
6	Providing and laying back filling with granular material behind abutment, wing wall, return wall, retaining wall and breast wall including compaction complete as per drawings & MORT&H technical specification No. 710.1.4 of IRC:78 and 2200 (5th revision- 2013) including head load or mechanical means including haulage of materials in all leads and lifts with all modes of transportation and as per the direction and entire satisfaction of Engineer-in-Charge.	10.44 Cubic metre			Per cubic metre	
					Total:-	

Handwritten Signature
Executive Engineer
R.T. Division HPPWD
PANDEH, Mandi (R.P.A)

2

Schedule of quantity

Name of Work:- A/R & M/O on Attari- Leh via Hamirpur-Taunidevi-Awahdevi-Sarkaghat-Mandi-Manali Road NH-70 (New NH03)K.M. 196/495 to 264/960.(Sub-Head:-Construction of P.C.C.Retaining wall at R.D.212/445 to 212/456.)

Estimated Cost:- Rs. 445882 /-

Earnest money:- Rs. 9000 /-

Time allowed:- Twomonth.

Sr. No.	Description of item	Quantity	Rate		Unit	Amount
			In Figure	In words		
1	Earth work in excavation for all kinds of soil by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm/Thirty centimetre in depth, 1.5 m(one point five metre) in width as well as 10 sqm(Ten squaremetre) on plan) including getting out and disposal of excavated earth lead upto 50 m(Fifty metre) and lift upto 1.5 m(One point five metre) within all leads, lifts, carriage of material and other incidental complete in all respect as per direction of Engineer-in-Charge.	25.85 Cubic metre			Per cubic metre	
2	Earth work in excavation for all kinds of soil 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 squaremetre) 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 , within all leads, lifts, carriage of material and other incidental complete in all respect as per direction of Engineer-in-Charge.	20.79 Cubic metre			Per cubic metre	
3	Centering and shuttering including strutting, propping etc. and removal of form work for :Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, Kerbs and steps etc within all leads, lifts, carriage of material and other incidental.	114.18 Square metre			Per square metre	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (One Cement : Three coarse sand); Six graded stone aggregate 40 mm(forty millimetre nominal size)within all leads, lifts, carriage of material and other incidental.	71.28 Cubic metre			Per cubic metre	
5	Providing and laying weep holes in stone, brick masonry, plain/reinforced concrete abutments/wing walls/return walls, breast walls and retaining walls with 100 mm (one hundred millimetre) diameter PVC pipe, extended through the full width of the structure with slope of IV:20 H(One vertical isto twenty horizontal) towards drawing face complete as per drawing and MORT&H technical specification No.2706 and 2200 (5th revision- 2013) including head load or mechanical means including haulage of materials in all leads and lifts with all modes of transportation and as per the direction and entire satisfaction of Engineer-in-Charge.	27.00 Nos			Each	
6	Providing and laying back filling with granular material behind abutment, wing wall, return wall, retaining wall and breast wall including compaction complete as per drawings & MORT&H technical specification No. 710, 1.4 of IRC.78 and 2200 (5th revision- 2013) including head load or mechanical means including haulage of materials in all leads and lifts with all modes of transportation and as per the direction and entire satisfaction of Engineer-in-Charge.	3.74 Cubic metre			Per cubic metre	
					Total:-	

[Signature]
Executive Engineer
N. H. Division HPWD
Gandoh, Mandi (C.P.)

3

Schedule of quantity

Estimated Cost:- Rs.1,22,331/-

Earnest money:- Rs.2500/-

Time allowed:- One month.

Name of Work:- A/R & M/O on Attari- Leh via Hamirpur-Taunidevi-Awahdevi-Sarkaghat-Mandi-Manali Road NH-70 (New NH03)K.M.196/495 to 264/960.(Sub-Head:- Construction of causeway at R.D.198/915 to 198/930.)

Sr. No.	Description of item	Quantity	Rate		Unit	Amount
			In Figure	In words		
1	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:2:4 (one cement : two coarse sand) : four graded stone aggregate 20 mm(Twenty millimetre) nominal size) curing complete within all leads, lifts, carriage of material and other incidental.	15.00 Cubic metre			Per cubic metre	
2	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more, within all leads, lifts, carriage of material and other incidental.	375.00 Kg.			Per Kg	
					Total:-	


Executive Engineer
N.H. Division HPPWD
PANDOH, Mandi (T.P.A)

4

Schedule of quantity

Name of Work:- A/R & M/O on Attari- Leh via Hamirpur-Taunidevi-Awahdevi-Sarkaghat-Kotli-Mandi-Manali Road NH-70 (New NH03)K.M.196/495 to 264/960.(Sub-Head:-Construction of P.C.C.Retaining wall at R.D.263/995 to 264/000.)

Estimated Cost:- Rs.3,67,623/-
Earnest money:- Rs.7400/-
Time allowed:- Two month.

Sr. No.	Description of item	Quantity	Rate		Unit	Amount
			In Figure	In words		
1	Earth work in excavation for all kinds of soil 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 squaremetre) 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 , within all leads, lifts, carriage of material and other incidental complete in all respect as per direction of Engineer-in-Charge.	27.70 Cubic metre			Per cubic metre	
2	Centering and shuttering including strutting, propping etc. and removal of form work for : Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc within all leads, lifts, carriage of material and other incidental.	89.07 Square metre			Per square metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (One Cement : Three coarse sand): Six graded stone aggregate 40 mm(forty millimetre nominal size)within all leads, lifts, carriage of material and other incidental.	59.42 Cubic metre			Per cubic metre	
4	Providing and laying weep holes in stone, brick masonry, plain/reinforced concrete abutments/wing walls/return walls, breast walls and retaining walls with 100 mm (one hundred millimetre) diameter PVC pipe, extended through the full width of the structure with slope of 1V:20 H(One vertical iso twenty horizontal) towards drawing face complete as per drawing and MORT&H technical specification No.2706 and 2200 (5th revision- 2013) including head load or mechanical means including haulage of materials in all leads and lifts with all modes of transportation and as per the direction and entire satisfaction of Engineer-in-Charge.	16.00 Nos			Each	
5	Providing and laying back filling with granular material behind abutment, wing wall, return wall, retaining wall and breast wall including compaction complete as per drawings & MORT&H technical specification No. 710.1.4 of IRC:78 and 2200 (5th revision- 2013) including head load or mechanical means including haulage of materials in all leads and lifts with all modes of transportation and as per the direction and entire satisfaction of Engineer-in-Charge.	5.85 Cubic metre			Per cubic metre	
					Total:-	


Executive Engineer,
National Highway Division,
H.P.W.D, Pandoh.

5

Schedule of quantity

Estimated Cost:- Rs. 79393/-
Earnest money:- Rs. 1,600/-
Time allowed:- Two Month.

Name of work:- A/R & M/O on Attari-Leh-via Hamirpur- Tauni Devi-Awah Devi-Sarkaghat- kotli-Manali road NH-70 (New No. 03) (Section Km. 196/495 to 264/960 (SH:- Cleaning grass, Bush cutting and removal of rubbish in between km.196/495 to 213/000).

Sr. No.	Description of item	Quantity	Rate		Unit	Amount
			In Figure	In words		
1	Clearing of jungle including uprooting of rank vegetation, grass, bushes wood trees and sapling, girth up to 30 cm. measured at the height of 1.00 mtr above ground level and removal of rubbish upto any distance out side of the area cleared and as per direction and entire satisfaction of Engineer-in-charge	21457.50			Per square metre	
					Total:-	


Executive Engineer,
National Highway Division,
HP PWD, Pandoh

6

Schedule of quantity

Name of work:- A/R &M/O on Attari-Leh-via Hamirpur- Tauni Devi-Awah Devi-Sarkaghat- kotli-Manali road NH-70 (New No. 03) (Section Km. 196/495 to 264/960 (SH:- Cleaning grass, Bush cutting and removal of rubbish in between km.213/000 to 230/000).

Estimated Cost:- Rs. 98920/-
Earnest money:- Rs. 2000/-
Time allowed:- Two Month.

Sr. No.	Description of item	Quantity	Rate		Unit	Amount
			In Figure	In words		
1	Clearing of jungle including uprooting of rank vegetation, grass, bushes wood trees and sapling, girth up to 30 cm. measured at the height of 1.00 mtr above ground level and removal of rubbish upto any distance out side of the area cleared and as per direction and entire satisfaction of Engineer-in-charge	26735.00			Per square metre	
					Total:-	


Executive Engineer,
National Highway Division,
H.P.W.D, Pandoh

(7)

Schedule of quantity

Estimated Cost:- Rs. 90645/-
Earnest money:- Rs. 1800/-
Time allowed:- Two Month.

Name of work:- A/R & M/O on Attari-Leh-via Hamirpur- Tauni Devi-Awah Devi-Sarkaghat- kotli-Manali road NH-70 (New No. 03) (Section Km. 196/495 to 264/960 (SH:- Cleaning grass, Bush cutting and removal of rubbish in between km.230/000 to 247/000).

Sr. No.	Description of item	Quantity	Rate		Unit	Amount
			In Figure	In words		
1	Clearing of jungle including uprooting of rank vegetation, grass, bushes wood trees and sapling, girth up to 30 cm. measured at the height of 1.00 mtr above ground level and removal of rubbish upto any distance out side of the area cleared and as per direction and entire satisfaction of Engineer-in-charge	24498.75	Square metre		Per square metre	
					Total:-	


Executive Engineer,
National Highway Division,
for PWD, Pandoh

(8)

Schedule of quantity

Estimated Cost:- Rs. 99561/-
Earnest money:- Rs. 2000/-
Time allowed:- Two Month.

Name of work:- A/R & M/O on Attari-Leh-via Hamirpur- Tauni Devi-Awah Devi-Sarkaghat- kotli-Manali road NH-70 (New No. 03) (Section Km. 196/495 to 264/960 (SH:- Cleaning grass, Bush cutting and removal of rubbish in between km.247/000 to 264/960).

Sr. No.	Description of item	Quantity	Rate		Unit	Amount
			In Figure	In words		
1	Clearing of jungle including uprooting of rank vegetation, grass, bushes wood trees and sapling, girth up to 30 cm. measured at the height of 1.00 mtr above ground level and removal of rubbish upto any distance out side of the area cleared and as per direction and entire satisfaction of Engineer-in-charge	26908.50	Square metre		Per square metre	
					Total:-	

0884
Executive Engineer,
National Highway Division,
H.P.W.D, Pandoh

9

Schedule of quantity

Estimated Cost:- Rs.85619/-

Earnest money:- Rs. 1800/-

Time allowed:- one Months.

Name of work:- Restoration of damage caused due to digging of road for laying of sewerage line on Attari - Leh via Hamirpur - Awah Devi - Tauri Devi -Sarkaghat-Kotli-Mandi- Manali road NH-70(New NH- 03) Km 196/495 to 264/960 by IPH Deptt. (SH:-Providing and laying patch work in k.m.264/000 to 264/960)(Deposit work)

Sr. No.	Description of Item	Quantity	Rate		Unit	Amount
			In Figure	In words		
1	Providing and applying tack coat with bitumen emulsion(RS-1)using emulsion distributor at the rate of 427.35 0.25(zero point two five) to 0.30(zero point three zero) kilogram per squaremetre on the prepared dry and hungry bituminous surface cleaned with hydraulic broom as per technical specification clause 503 including all leads lifts and carriage of material.	427.35	Square metre		Per Squaremetre	
2	Providing,laying and rolling of open-graded premix carpet of 20mm(twenty millimetre) thickness composed of 13.2 mm(Thirteen point two millimetre) to 5.6mm(five point six millimetre) aggregates either using penetration grade bitmen or emulsion to required line ,grade and level to serve as wearing course on a previously prepared base,including mixing in suitable plant ,laying and rolling with a three wheel 80-100KN static roller capacity ,finished to required level and grades to be followed by seal coat of either Type A or Type B or Type C as per technical specification clause 508 by manual means ,bitumen(S-90) including all leads lifts and carriage of material.	427.35	Square metre		Per Squaremetre	
3	Providing and laying seal coat sealing the voids in a bituminous surface laid to the specified levels ,grade and cross fall using Type A, Type B and Type Cas per technical specification clause 510 by manual means, bitumen(S-90)including all leads lifts and carriage of material.	427.35	Square metre		Per Squaremetre	
					Total:-	


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

10

Schedule of quantity

Name of Work:- A/R & M/O on Sainj- Luhri-Aani-Jalori-Banjar- Aut Road Km. NH 305 Km. 53/0 to 97/0 .Sub Head :- Providing and laying 80 mm thick interlocking paver in K.M. 72/800 to 72/880.

Estimated Cost:- Rs.3,72,258/-
Earnest money:- Rs.7500/-
Time allowed:- Two month.

Sr. No.	Description of item	Quantity	Rate		Unit	Amount
			In Figure	In words		
1	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc. of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm(Fifty millimetre) thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. 80 mm(Eighty millimetre) thick C.C. paver block of M-30(Thirty) grade with approved color design and pattern, complete all within all leads, lifts, carriage of material and other incidental. as per direction of Engineer-in- Charge .	392.00 Square metre			Per square metre	
2	Centering and shuttering including strutting, propping etc. and removal of form work for foundation ,footings bases of columns within all leads, lifts, carriage of material and other incidental.	33.80 Square metre			Per square metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1½:3 (One Cement: One point five coarse sand) : Three graded stone aggregate 20 mm(Twenty millimetre) nominal size) curing complete with in all leads, lifts, carriage of material and other incidental.	3.89 Cubic metre			Per cubic metre	
					Total:-	

Asst
Executive Engineer
M.O. Division HPWD
Bachoh, Mandi (C.P.)

Schedule of quantity

Estimated Cost:- Rs.472665/-

Earnest money:- Rs.7500/-

Time allowed:- Two months

Construction of P.C.C. Retaining wall at RD.

Name of Work:- A/R & M/O on Sainj- Luhri-Aani- Jalori-Banjar- Aut Road Km. NH 305 Km. 53/0 to 97/0 .Sub Head :- Construction of P.C.C. Retaining wall at RD. 61/850 to 61/859.

Sr. No.	Description of item	Quantity	Rate		Unit	Amount
			In Figure	In words		
1	Earth work in excavation for all kinds of soil 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 squaremetre) 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 , within all leads, lifts, carriage of material and other incidental complete in all respect as per direction of Engineer-in-Charge.	25.70 Cubic metre			Per cubic metre	
2	Centering and shuttering including strutting, propping etc. and removal of form work for : Retaining walls, return walls, walls (any thickness) including attached plasters, buttresses, plinth and string courses fillets, kerbs and steps etc. within all leads, lifts, carriage of material and other incidental.	106.92 Square metre			Per square metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (One Cement : Three coarse sand): Six graded stone aggregate 40 mm(forty millimetre nominal size)within all leads, lifts, carriage of material and other incidental.	73.62 Cubic metre			Per cubic metre	
4	Providing and laying weep holes in stone, brick masonry, plain/reinforced concrete abutments/wing walls/return walls, breast walls and retaining walls with 100 mm (one hundred millimetre) diameter PVC pipe, extended through the full width of the structure with slope of IV:20 H(One vertical isto twenty horizontal) towards drawing face complete as per drawing and MORT&H technical specification No.2706 and 2200 (5th revision- 2013) including head load or mechanical means including haulage of materials in all leads and lifts with all modes of transportation and as per the direction and entire satisfaction of Engineer-in-Charge.	28.00 Nos			Each	
5	Providing and laying back filling with granular material behind abutment, wing wall, return wall, retaining wall and breast wall including compaction complete as per drawings & MORT&H technical specification No. 710.1.4 of IRC:78 and 2200 (5th revision- 2013) including head load or mechanical means including haulage of materials in all leads and lifts with all modes of transportation and as per the direction and entire satisfaction of Engineer-in-Charge.	19.04 Cubic metre			Per cubic metre	
					Total:-	


 N. P. Division Engineer
 P. C. C. Retaining Wall at RD.

Schedule of quantity

Estimated Cost:- 172460/-

Earnest money:- Rs.3500/-

Time allowed:- Two month.

Name of Work:- A/R & M/O on Sainj- Luhri-Aani-Jalori-Banjar- Aut Road Km. NH 305 Km. 53/0 to 97/0 .Sub Head :- Extentin of Existing C.D. at RD.92/810 ,93/150 and 93/320.

Sr. No.	Description of item	Quantity	Rate		Unit	Amount
			In Figure	In words		
1	Earth work in excavation for all kinds of soil by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm(thirty centimetre) in depth, 1.5 m(one point five metre) in width as well as 10 sqm(Ten squaremetre) on plan) Including getting out and disposal of excavated earth lead upto 50 m (Fifty metre)and lift upto 1.5 m(One point five metre) within all leads, lifts, carriage of material and other incidental complete in all respect as per direction of Engineer-in-Charge.	28.29 Cubic metre			Per cubic metre	
2	Earth work in excavation for all kinds of soil 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 squaremetre) 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 , within all leads, lifts, carriage of material and other incidental complete in all respect as per direction of Engineer-in-Charge.	38.08 Cubic metre			Per cubic metre	
3	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (One cement : Two fine sand) including testing of joints etc. complete :900 mm dia.(Nine hundred millimetre diameter). R.C.C. pipe within all leads, lifts, carriage of material and other incidental.	7.20 Running metre			Per Running metre	
4	Centering and shuttering including strutting, propping etc. and removal of form work for :Retaining walls, return walls, walls (any thickness) including attached plasters, buttresses, plinth and string courses fillets, kerbs and steps etc. within all leads, lifts, carriage of material and other incidental.	37.75 Square metre			Per square metre	
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (One Cement : Three coarse sand): Six graded stone aggregate 40 mm(forty millimetre nominal size)within all leads, lifts, carriage of material and other incidental.	22.44 Cubic metre			Per cubic metre	
					Total:-	


 Executive Engineer
 N. K. Division HPPWD
 P. D. O. H. Mandi (R.P.S.)

Schedule of quantity

Estimated Cost:- Rs.4,86,775/-

Earnest money:- Rs.9800/-

Time allowed:- Two month.

Name of Work:- AR & M/O on Sainji- Luhri-Aani- Jalori-Banjar- Aut Road Km. NH 305 Km. 53/0 to 97/0 .(Sub Head :- Construction of Wire crate Retaining wall at R.D.61/800 to 61/817.50)

Sr. No.	Description of item	Quantity	Rate		Unit	Amount
			In Figure	In words		
1	Earth work in excavation for all kinds of soil 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 squaremetre) 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 , within all leads, lifts, carriage of material and other incidental complete in all respect as per direction of Engineer-in-Charge.	39.97 Cubic metre			Per cubic metre	
2	Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012,MORTH Clause 2500, of required size, Mesh Type 10x12 (D=100 mm with tolerance of $\pm 2\%$) Zinc coated, Mesh wire diameter 3.0 mm,(Three millimetre) mechanically edged/selvedged with partitions at every 1m(one metre) interval and shall have minimum 10(ten) numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2mm(Two point two millimetre) supplied @ 3%(Three percent) by weight of Gabion boxes, filled with boulders with least dimension of 200 mm(Two hundred millimetre), as per drawing, all complete within all leads, lifts, carriage of material and other incidental complete in all respect as per direction of Engineer-in-Charge	147.75 Cubic metre			Per cubic metre	
4	Providing and laying back filling with granular material behind abutment, wing wall, return wall, retaining wall and breast wall including compaction complete as per drawings & MORT&H technical specification No. 710.1.4 of IRC:78 and 2200 (5th revision- 2013) including head load or mechanical means including haulage of materials in all leads and lifts with all modes of transportation and as per the direction and entire satisfaction of Engineer-in-Charge.	28.22 Cubic metre			Per cubic metre	
					Total:-	

used

Executive Engineer
M.H. Division HPWD
Bilaspur, Mandi C.P.A

14 Schedule of quantity

Name of Work:-A/R & M/O onSainj-Luhari- Anni-Jalori-Banjar-Aut Road NH-305 Km 53/000 to 97/000.(Sub-Head:-Construction of P.C.C.Retaining wall at R.D.66/280 to 66/290.)

Estimated Cost:- Rs.2,14,407/-
Earnest money:- Rs.4300/-

Time allowed:- one month.

Sr. No.	Description of item	Quantity	Rate		Unit	Amount
			In Figure	In words		
1	Earth work in excavation for all kinds of soil 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 squaremetre) 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 , within all leads, lifts, carriage of material and other incidental complete in all respect as per direction of Engineer-in-Charge.	32.76 Cubic metre			Per cubic metre	
2	Centering and shuttering including strutting, propping etc. and removal of form work for :Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc .within all leads, lifts, carriage of material and other incidental.	70.19 Square metre			Per square metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (One Cement : Three coarse sand): Six graded stone aggregate 40 mm(forty millimetre nominal size)within all leads, lifts, carriage of material and other incidental.	28.90 Cubic metre			Per cubic metre	
4	Providing and laying weep holes in stone, brick masonry, plain/reinforced concrete abutments/wing walls/return walls, breast walls and retaining walls with 100 mm (one hundred millimetre) diameter PVC pipe, extended through the full width of the structure with slope of 1V:20 H(One vertical is to twenty horizontal) towards drawing face complete as per drawing and MORT&H technical specification No.2706 and 2200 (5th revision- 2013) including head load or mechanical means including haulage of materials in all leads and lifts with all modes of transportation and as per the direction and entire satisfaction of Engineer-in-Charge.	8.00 Nos			Each	
5	Providing and laying back filling with granular material behind abutment, wing wall, return wall, retaining wall and breast wall including compaction complete as per drawings & MORT&H technical specification No. 710.14 of IRC.78 and 2200 (5th revision- 2013) including head load or mechanical means including haulage of materials in all leads and lifts with all modes of transportation and as per the direction and entire satisfaction of Engineer-in-Charge.	18.80 Cubic metre			Per cubic metre	
					Total:-	

Signature
Executive Engineer
N.H. Division HPWD
Bhimoh, Mandi (C.P.)

Schedule of quantity

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Name of Work:-A/R & M/O onSainj-Luhari- Anni-Jalori-Banjar-Aut Road NH-305 Km 53/000 to 97/000.(Sub-Head:-Construction of P.C.C.Retaining wall at R.D.78/970 to 78/980.)

Estimated Cost:- Rs.2,14,407/-
Earnest money:- Rs.4300/-
Time allowed:- one month.

Sr. No.	Description of item	Quantity	Rate		Unit	Amount
			In Figure	In words		
1	Earth work in excavation for all kinds of soil 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 squaremetre) 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 , within all leads, lifts, carriage of material and other incidental complete in all respect as per direction of Engineer-in-Charge.	32.76 Cubic metre			Per cubic metre	
2	Centering and shuttering including strutting, propping etc. and removal of form work for :Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc. within all leads, lifts, carriage of material and other incidental.	70.19 Square metre			Per square metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (One Cement : Three coarse sand): Six graded stone aggregate 40 mm(forty millimetre nominal size)within all leads, lifts, carriage of material and other incidental.	28.90 Cubic metre			Per cubic metre	
4	Providing and laying weep holes in stone, brick masonry, plain/reinforced concrete abutments/wing walls/return walls, breast walls and retaining walls with 100 mm (one hundred millimetre) diameter PVC pipe, extended through the full width of the structure with slope of IV:20 H(One vertical isto twenty horizontal) towards drawing face complete as per drawing and MORT&H technical specification No.2706 and 2200 (5th revision- 2013) including head load or mechanical means including haulage of materials in all leads and lifts with all modes of transportation and as per the direction and entire satisfaction of Engineer-in-Charge.	8.00 Nos			Each	
5	Providing and laying back filling with granular material behind abutment, wing wall, return wall, retaining wall and breast wall including compaction complete as per drawings & MORT&H technical specification No. 710.1.4 of IRC:78 and 2200 (5th revision- 2013) including head load or mechanical means including haulage of materials in all leads and lifts with all modes of transportation and as per the direction and entire satisfaction of Engineer-in-Charge.	18.80 Cubic metre			Per cubic metre	
					Total:-	

(Signature)
Executive Engineer
N. H. Division HPWD
BANDOH, Mandi G.P.

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Schedule of quantity

Estimated Cost:- Rs.4,95,385/-

Earnest money:- Rs.10,000/-

Time allowed:- Two month.

Name of Work:- A/R & M/O on Sainji- Luhri-Aani- Jalori-Banjar- Aut Road Km. NH 305 Km. 53/0 to 97/0. (Sub Head :- Construction of Wire crate Retaining wall and providing and laying R.C.C.Hume Pipe for extend of Road width of existing C.D. at K.M.74/450

Sr. No.	Description of item	Quantity	Rate		Unit	Amount
			In Figure	In words		
1	Earth work in excavation for all kinds of soil 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 squaremetre) 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, within all leads, lifts, carriage of material and other incidental complete in all respect as per direction of Engineer-in-Charge.	65.07 Cubic metre			Per cubic metre	
2	Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012, MORTH Clause 2500, of required size, Mesh Type 10x12 (D=100 mm with tolerance of $\pm 2\%$) Zinc coated, Mesh wire diameter 3.0 mm, (Three millimetre) mechanically edged/selvedged with partitions at every 1m(one metre) interval and shall have minimum 10(ten) numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2mm(Two point two millimetre) supplied @ 3%(Three percent) by weight of Gabion boxes, filled with boulders with least dimension of 200 mm(Two hundred millimetre), as per drawing, all complete within all leads, lifts, carriage of material and other incidental complete in all respect as per direction of Engineer-in-Charge	136.72 Cubic metre			Per cubic metre	
3	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (One cement : Two fine sand) including testing of joints etc. complete : 900 mm dia. (Nine hundred millimetre diameter). R.C.C. pipe within all leads, lifts, carriage of material and other incidental.	7.50 Running g metre			Per Running metre	
4	Providing and laying back filling with granular material behind abutment, wing wall, return wall, retaining wall and breast wall including compaction complete as per drawings & MORTH technical specification No. 710.1.4 of IRC:78 and 2200 (5th revision- 2013) including head load or mechanical means including haulage of materials in all leads and lifts with all modes of transportation and as per the direction and entire satisfaction of Engineer-in-Charge.	34.73 Cubic metre			Per cubic metre	
					Total:-	

Handwritten signature
Executive Engineer
N.H. Division HPWD
Kandoh, Mandi

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Schedule of quantity

Name of work:- A/R & M/O of Attari-Leh via Hamirpur-Tauni Devi-Awah Devi-Sarkaghat-Kotli-Mandi-Manali road NH-70 (New No.-03) (Section Km. 196/495 to 264/960(SH):- Construction of PCC R/wall at RD 263/995 to 264/000).

Estimated Cost:- Rs. 3,67,623/-
Earnest money:- Rs.7400/-
Time allowed:- Two Months.

Sr. No.	Description of item	Quantity	Rate		Unit	Amount
			In Figure	In words		
1	Earth work in excavation for all kinds of soil 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 squaremetre) 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 , within all leads, lifts, carriage of material and other incidental complete in all respect as per direction of Engineer-in-Charge.	27.70 Cubic metre			Per cubic metre	
2	Centering and shuttering including strutting, propping etc. and removal of form work for Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc. within all leads, lifts, carriage of material and other incidental.	89.07 Square metre			Per cubic metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (One Cement : Three coarse sand): Six graded stone aggregate 40 mm(forty millimetre nominal size)within all leads, lifts, carriage of material and other incidental.	59.42 Cubic metre			Per cubic metre	
4	Providing and laying weep holes in stone, brick masonry, plain/reinforced concrete abutments/wing walls/return walls with 100 mm (one hundred millimetre) diameter PVC pipe, extended through the full width of the structure with slope of (V):20 H(One vertical isto twenty horizontal) towards drawing face complete as per drawing and MORT&H technical specification clauses 614, 709, 1204.3.7 including head load or mechanical means including haulage of materials in all leads and lifts with all modes of transportation and as per the direction and entire satisfaction of Engineer-in-Charge.	16.00 Nos			each	
5	Providing and laying back filling with granular material behind abutment, wing wall, return wall, retaining wall and breast wall including compaction complete as per drawings & MORT&H technical specification No. 710.1.4 of IRC:78 and 2200 (5th revision- 2013) including head load or mechanical means including haulage of materials in all leads and lifts with all modes of transportation and as per the direction and entire satisfaction of Engineer-in-Charge.	5.85 Cubic metre			each	
Total:-						

Executive Engineer,
National Highway Division,
H.P. PWD, Pandoh.