

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

Sealed items rate tender on form No. 6 and 8 are hereby invited on behalf of Governor of HP for the following works from approved and eligible contractor enlisted in HPPWD, so as to reach in this office on 2.3.2022 up to 11.30 AM and shall be opened on the same day at 12.00 Noon in the presence of intending contractors or their authorized representative who may like to be present. The tender form can be had from this office against cash payment (non refundable) up to 10.30 AM on 2.3.2022.

The earnest money in the shape of FDR/TDR in HP duly pledged in favour of Executive Engineer Nahan Division HP.PWD Nahan must be accompanied with the each tender. Conditional tender and tender received without earnest money will be rejected. The undersigned reserves the right to reject any or all tenders without assigning the reason. The offer of the tender will be kept opened for 75 days.

| Sr. No. | Name of works  | Estimated Cost | Earnest Money | Time Limit | Cost of Form |
|---------|--|----------------|---------------|------------|--------------|
| 1       | C/O L/R Lehi Jangla Bhod Mahidhar Km.0/0 to 4/0. (SH:- C/O B/wall at RD.2/945 to 2/965 & 3/015 to 3/030)   | 4,85,611/-     | 10,000/-      | 02 Month   | 350/-        |
| 2       | C/O L/R to Village Jhajjar Km.0/0 to 1/745.(SH:-P/L Kharanja soling & CC pavement in Km.0/500 to 0/790)  | 4,99,815/-     | 10,000/-      | 02 Month   | 350/-        |
| 3       | C/O L/R to Village Jhajjar Km.0/0 to 1/745.(SH:-P/L Kharanja soling & CC pavement in Km.1/080 to 1/370)  | 4,99,815/-     | 10,000/-      | 02 Month   | 350/-        |
| 4       | C/O L/R from Bechar Ka bag to malahan via Bhenu road Km.0/0 to 8/0.(SH:-C/O X-drainage work at RD.0/315 & 0/765)   | 4,99,945/-     | 10,000/-      | 02 Month   | 350/-        |
| 5       | R/R damages on NDH road Km.0/0 to 36/0. (SH:- C/O R/wall at RD.14/600 to 14/606)   | 4,99,943/-     | 10,000/-      | 02 Month   | 350/-        |
| 6       | C/o missing CD work on NDH road Km.0/0 to 36/0. (SH:- C/O X-drainage work at RD.17/510)  | 4,99,351/-     | 10,000/-      | 02 Month   | 350/-        |
| 7       | C/O missing CD work on Shambhuwala Mattar Bhedon road Km.0/0 to 7/120.(SH: Filling of existing slab culvert at RD.2/250, Bhedon side)  | 2,41,442/-     | 4,900/-       | 02 Month   | 350/-        |
| 8       | C/O L/R from Nihog to Borlighat Khanda Km.0/0 to 6/0.(SH:-Improvement of curves Km.3/0 to 4/0)   | 4,98,043/-     | 10,000/-      | 02 Month   | 350/-        |
| 9       | C/O missing CD work on Banog Kheri road Km.0/0 to 39/0.(SH: C/O RCC slab culvert at RD.33/0)   | 4,99,883/-     | 10,000/-      | 02 Month   | 350/-        |
| 10      | Improvement of Banog Kheri road Km.0/0 to 39/0.(SH: C/O B/wall at RD.26/870 to 26/896)   | 4,99,497/-     | 10,000/-      | 02 Month   | 350/-        |
| 11      | C/O missing CD work on Banog Kheri road Km.0/0 to 39/0.(SH: C/O RCC slab culvert at RD.26,935)   | 4,99,178/-     | 10,000/-      | 02 Month   | 350/-        |
| 12      | R/R on L/R from malgaon to Shilnu Kailash Km.0/0 to 4/0.(SH:-C/O R/wall at RD.1/760 to 1/773)  | 4,54,808/-     | 9,100/-       | 02 Month   | 350/-        |
| 13      | Improvement of L/R from malgaon to Shilnu Kailash Km.0/0 to 4/0.(SH:-Improvement of curves Km.0/0 to 4/0)  | 4,99,961/-     | 10,000/-      | 02 Month   | 350/-        |
| 14      | C/O L/r from Bedaghat to Gaunth Km.0/0 to 3/870.(SH:-ROFD Km.0/050 to 1/210)   | 4,90,802/-     | 10,000/-      | 02 Month   | 350/-        |
| 15      | C/O Jalal Bridge to Shiru maila road Km.0/0 to 8/0.(SH:-C/O wing walls of existing HPC at RD.3/500 & R/walls at RD.1/680 to 1/685 & 2/050 to 2/065)under SCSP                | 4,84,391/-     | 9,700/-       | 02 Month   | 350/-        |
| 16      | C/O L/r from Dhon to Shyampur Km.0/0 to 2/300. (SH:-5/7 mtrs. Wide F/C at RD.1/300 to 2/300)   | 4,97,061/-     | 10,000/-      | 02 Month   | 350/-        |
| 17      | C/O L/r from Dhon to Shyampur Km.0/0 to 2/300. (SH:-ROFD Km.0/0 to 1/300, C/O edge walls at RD.0/635 to 0/645, 0/665 to 0/670, 0/700 to 0/705 & X-drainage work at RD.0/720) | 4,99,946/-     | 10,000/-      | 02 Month   | 350/-        |
| 18      | A/R & M/O residential accommodation PWD colony at Nahan.(SH:-Distempering, painting & other minor repair works etc.)   | 4,97,137/-     | 10,000/-      | 02 Month   | 350/-        |
| 19      | C/O L/R Kanyonghat to Sher Reshla Roj Bendli Km.0/0 to 18/500. (SH:- 5/7 mtrs. Wide F/c at RD.10/770 to 11/0.  | 4,98,589/-     | 10,000/-      | 02 Month   | 350/-        |
| 20      | C/O L/R Kanyonghat to Sher Reshla Roj Bendli   | 4,98,271/-     | 10,000/-      | 02 Month   | 350/-        |

|    |  |            |          |          |       |
|----|--|------------|----------|----------|-------|
|    | Km.0/0 to 18/500. (SH:- 5/7 mtrs. Wide F/c at RD.12/495 to 13/245)   |            |          |          |       |
| 21 | C/O L/R Kanyonghat to Sher Reshla Roj Bendli Km.0/0 to 18/500. (SH:- 5/7 mtrs. Wide F/c at RD.13/260 to 14/0). | 4,98,281/- | 10,000/- | 02 Month | 350/- |

**CERTIFICATE:-** It is certified that the tenders of above works are exigency/emergent nature and in public interest.

**Terms & Conditions:-**

1. The Contractors/Bidders must submit their Permanent Income Tax Account Number/ GST number on the tender alongwith copy of the same be attached with the application.
2. The Contractors/Firms should attach copy of the Registration/Renewal with the application.
3. The contractor/bidders should quote his rates Both in Figures and words, where there is any discrepancy between the rates in figures and words, the rates in words will be governed.
4. The contractors/bidders must inspect the site to ascertain/familiar the site conditions, accessibility etc. before quoting the bid/tender.
5. Conditional and telegraphic tender shall not be accepted and rejected straightway. Tender received after due date and time will be rejected.
6. The contractor/firms should have to produce the details of works in hand in HP. PWD, and its position thereof alongwith application.
7. The tender documents shall be issued to only those contractors who does not have more than two works in hand in any HP PWD Circle/ Division worth Rs. 1.00 Crore each.
8. The Contractor shall have to establish testing laboratory at site for the day to day testing of material.
9. The offer shall remain valid upto 75 days.
10. The provisions of guidelines issued vide the Principal Secretary (PW) to the Govt. of HP, Shimla vide notification No.PBW(B)A(3)1/2020 dated.Shimla-2 the 22<sup>nd</sup> July, 2020 regarding adoption of CPWD works manual 2019 & other publication of CPWD in HPPWD shall also be applicable.
11. The Executive Engineer reserve the right to reject any or all the tenders without assigning any reason.

Executive Engineer,  
Nahan Division,  
HPPWD Nahan.

**For & on behalf of Governor of Himachal Pradesh.**

No. PWN/CB/Tender/2020-21-

11/310-19

Dated:- 23/12/2022

Copy forwarded to the following for information & further necessary action:-

1. The Engineer-in-Chief, HP.PWD., Shimla please.
2. The Chief Engineer(SZ), HP.PWD., Shimla-2 please.
3. The Deputy Commissioner, Sirmaur Distt. at Nahan please.
4. The Superintending Engineer, 12<sup>th</sup> Circle, HP.PWD., Nahan please.
5. The Executive Engineer (IT Cell), Nigam Vihar, HPPWD., Shimla-2 for uploading of Notice Inviting Tenders on departmental website please.
6. The S.D.M. Nahan please.
7. The Distt. Panchayat Officer, Nahan please.
8. The Executive Officer, M.C., Nahan please..
9. All the Assistant Engineers under this division to display on their respective Notice Boards.
10. The Notice Board.

Executive Engineer,  
Nahan Division,  
HPPWD Nahan.



# SCHEDULE OF QUANTITY

Name of work:-C/O Link road Lehi Jangla Bhoo Mahidhar Km 0/0 to 4/0( SH:-C/O B/Wall at RD 2/945 to 2/965 & 3/015 to 3/030)

Estimated cost :- Rs.4,85,611/-only  
Earnest Money:- Rs.10,000/-only  
Time:- Two Months.

| Sr. No   | Description/ Item Rate   | Quantity | unit            | Rate   |       | Amount |
|----------|--|----------|-----------------|--------|-------|--------|
|          |  |          |                 | Figure | Words |        |
| 1        | Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all lead, dressing of sides and bottom and backfilling in trenches with excavated suitable material. including all leads,lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge. | 66.15    | Per Cubic metre |        |       |        |
| 2        | Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:4:8 ( one cement: four sand: eight crushed aggregates) including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.   | 128.15   | Per Cubic metre |        |       |        |
| 3        | Providing weep holes in bricks/stone masonry plain/reinforced concrete abutment wing wall return wall with 100mm dia PVC pipe extended through the full width of the structure with slope of 1 vertical and 20 in horizontal towards drawing face complete as per specification clause 614,709,1204,3.7. including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.  | 10.00    | Each            |        |       |        |
| Total :- |  |          |                 |        |       |        |

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Executive Engineer,  
HP.PWD., Division  
Nahan.

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## SCHEDULE OF QUANTITY

Name of Work:-C/O Link road to village Jhajjar Km 0/0 to 1/745 (SH:-P/L Kharanja soling &amp; CC Pavement in km 0/500 to 0/790 )

Estimated Cost :- Rs.4,99,815/- only

Earnest money:- Rs 10,000/- only

Time:- Two Months

| Sr No    | Sub Head/Item of work  | Quantity | Unit             | Rate in figure | Rate in world | Amount |
|----------|--|----------|------------------|----------------|---------------|--------|
| 1        | Preparation of sub grade by dressing to combor (Earth work for the cutting involved for sub-grade to be paid for separately depending upon the classification of soil completed as per HP.PWD including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge. specifications.   | 870.00   | Per Square metre |                |               |        |
| 2        | Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and rerolling the sub-grade completed as per HP.PWD specifications including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.   | 870.00   | Per Square metre |                |               |        |
| 3        | Stone soling properly hand-packed filling interstices with Kharanja stone and consolidating with power road roller to the requested gradient and combor including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD specification including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge. | 130.50   | Per Cubic metre  |                |               |        |
| 4        | Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:2:4 ( one cement is to two sand is to four crushed aggregates) including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.                                       | 65.25    | Per Cubic metre  |                |               |        |
| Total :- |  |          |                  |                |               |        |

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Executive Engineer

Nahan Division,

HP,PWD, Nahan.

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## SCHEDULE OF QUANTITY

Name of Work:-C/O Link road to village Jhajjar Km 0/0 to 1/745 (SH:-P/L Kharanja soling & CC Pavement in km 1/080to 1/370)

Estimated Cost :- Rs.4,99,815/- only  
Earnest money:- Rs 10,000/- only  
Time:- Two Months

| Sr No | Sub Head/Item of work  | Quantity | Unit             | Rate in figure | Rate in world | Amount |
|-------|--|----------|------------------|----------------|---------------|--------|
| 1     | Preparation of sub grade by dressing to combor (Earth work for the cutting involved for sub-grade to be paid for separately depending upon the classification of soil completed as per HP.PWD including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge. specifications.   | 870.00   | Per Square metre |                |               |        |
| 2     | Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and rerolling the sub-grade completed as per HP.PWD specifications including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.   | 870.00   | Per Square metre |                |               |        |
| 3     | Stone soling properly hand-packed filling interstices with Kharanja stone and consolidating with power road roller to the requested gradient and comber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD specification including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge. | 130.50   | Per Cubic metre  |                |               |        |
| 4     | Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:2:4 ( one cement is to two sand is to four crushed aggregates) including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.                                       | 65.25    | Per Cubic metre  |                |               |        |
|       | Total :-   |          |                  |                |               |        |

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Nahan Division,  
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# SCHEDULE OF QUANTITY

Name of Work:- C/O Link road from Bechar Ka Bag to Malahan via Bhenu km.0/0 to 8/0(SH :-C/O X-drainage work at RD 0/315 & 0/765)

Estimated Cost Rs.4,99,945/- only

Earnest money: Rs 10,000/- only

Time:- Two Months

| Sr No | Sub Head/Item of work   | Quantity | Unit              | Rate in figure | Rate in world | Amount |
|-------|---|----------|-------------------|----------------|---------------|--------|
| 1     | Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal all lead dressing of sides and bottom and backfilling in trenches with excavated suitable material. including all leads,lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.      | 99.75    | Per Cubic metre   |                |               |        |
| 2     | Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:6:12 ( one cement is to six sand is to twelve aggregates 40mm nominal size) including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.   | 3.55     | Per Cubic metre   |                |               |        |
| 3     | Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:4:8 ( one cement is to four sand is to eight crushed aggregates) including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.  | 59.18    | Per Cubic metre   |                |               |        |
| 4     | Providing concrete for plain/reinforced concrete in open foundations as per drawings and technical specifications Clause 802, 803, 1202 & 1203 P.C.C grade M- 20 Nominal mix 1:2:4 (One cement is to two sand is to four graded stone aggregate twenty milimetre nominal size including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.   | 24.63    | Per Cubic metre   |                |               |        |
| 5     | Providing and laying 900mm dia reinforced cement concrete pipe NP2 for culverts on first class bedding of granular materials in single row including fixing excluding excavation protection work, back filling concrete and masonry work in head walls and parapets clause 1108 including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.                          | 15.00    | Per Running metre |                |               |        |
| 6     | Back filling behind abutment wing wall and return wall complete as per drawing & technical specification clause 1204.3.8 including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.   | 9.94     | Per Cubic metre   |                |               |        |
| 7     | Providing weep holes in bricks/stone masonry plain/reinforced concrete abutment wing wall return wall with 100mm dia PVC pipe extended through the full width of the structure with slope of 1 vertical and 20 in horizontal towards drawing face complete as per specification clause 614,709,1204,3.7. including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge. | 28.00    | Each              |                |               |        |
| 8     | Construction of embankment with approved material obtained from borrow pits transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with all lead as per Technical Specification Clause 301.5 including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts , including all incidental charges               | 32.00    | Per Cubic metre   |                |               |        |
|       | Total :-  |          |                   |                |               |        |

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Executive Engineer

Mahan Division

5

# Schedule of Quantity

Name of work:-R/R damages on Nahan Dadahu Haripurdhar road km.0/0 to 36/0( SH:-C/O R/Wall at RD 14/600 to 14/606)

Estimated Cost:-Rs.4,99,943/-only

Earnest Money:- Rs.10,000/- only

Time allowed:- Two months

| Sr.No | Sub Head and item of work   | Qty    | Unit            | Rate In |       | Amount |
|-------|---|--------|-----------------|---------|-------|--------|
|       |   |        |                 | figure  | Words |        |
| 1     | Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal , dressing of sides and bottom and backfilling in trenches with excavated suitable material. including all leads,lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.             | 91.20  | Per Cubic metre |         |       |        |
| 2     | Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:4:8 ( one cement is to four sand is to eight crushed aggregates) including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.  | 118.00 | Per Cubic metre |         |       |        |
| 3     | Back filling behind abutment wing wall and return wall complete as per drawing & technical specification clause 1204.3.8 including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.   | 9.00   | Per Cubic metre |         |       |        |
| 4     | Providing weep holes in bricks/stone masonry plain/reinforced concrete abutment wing wall return wall with 100mm dia PVC pipe extended through the full width of the structure with slope of 1 vertical and 20 in horizontal towards drawing face complete as per specification clause 614,709,1204,3.7. including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge. | 48.00  | Each            |         |       |        |
|       | Total:-   |        |                 |         |       |        |

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Executive Engineer,  
HP.PWD., Division  
Nahan.



6

## SCHEDULE OF QUANTITY

Name of Work:-C/O Missing cross drainage work on Nahan Dadahu Haripurdhar road Km 0/0 to 36/0 (SH :-C/O X-drainage work at RD 17/510)

Estimated Cost Rs.4,99,351/- only  
Earnest money: Rs10,000/- only  
Time:- Two Months

| Sr No | Sub Head/Item of work   | Quantity | Unit              | Rate in figure | Rate in world | Amount |
|-------|---|----------|-------------------|----------------|---------------|--------|
| 1     | Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal all lead dressing of sides and bottom and backfilling in trenches with excavated suitable material. including all leads,lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.      | 61.38    | Per Cubic metre   |                |               |        |
| 2     | Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:6:12 ( one cement is to six sand is to twelve aggregates 40mm nominal size) including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.   | 1.91     | Per Cubic metre   |                |               |        |
| 3     | Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:4:8 ( one cement is to four sand is to eight crushed aggregates) including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.  | 89.00    | Per Cubic metre   |                |               |        |
| 4     | Providing concrete for plain/reinforced concrete in open foundations as per drawings and technical specifications Clause 802, 803, 1202 & 1203 P.C.C grade M- 20 Nominal mix 1:2:4 (One cement is to two sand is to four graded stone aggregate twenty milimetre nominal size including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.   | 14.29    | Per Cubic metre   |                |               |        |
| 5     | Providing and laying 900mm dia reinforced cement concrete pipe NP2 for culverts on first class bedding of granular materials in single row including fixing excluding excavation protection work, back filling concrete and masonry work in head walls and parapets clause 1108 including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.                          | 7.50     | Per Running metre |                |               |        |
| 6     | Back filling behind abutment wing wall and return wall complete as per drawing & technical specification clause 1204.3.8 including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.   | 18.91    | Per Cubic metre   |                |               |        |
| 7     | Providing weep holes in bricks/stone masonry plain/reinforced concrete abutment wing wall return wall with 100mm dia PVC pipe extended through the full width of the structure with slope of 1 vertical and 20 in horizontal towards drawing face complete as per specification clause 614,709,1204,3.7. including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge. | 52.00    | Each              |                |               |        |
|       | Total :-  |          |                   |                |               |        |

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Nahan Division,  
HP,PWD, Nahan.



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### SCHEDULE OF QUANTITY

Name of Work:-C/O Missing cross drainage work on Shambhuwala Matter Bhedon road Km 0/0 to 7/120(SH:-Filling of existing slab culvert at RD 2/250,Bhedon side)

Estimated Cost Rs.2,41,442 /- only

Earnest money: Rs.4,900/- only

Time:- Two Months

| Sr No | Sub Head/Item of work  | Quantity | Unit            | Rate in figure | Rate in world | Amount |
|-------|--|----------|-----------------|----------------|---------------|--------|
| 1     | Construction of embankment with approved material obtained from borrow pits transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with all lead as per Technical Specification Clause 301.5 including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts , including all incidental charges. | 838.34   | Per Cubic metre |                |               |        |

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Executive Engineer

Nahan Division,

HP,PWD, Nahan.

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## SCHEDULE OF QUANTITY

Name of Work:-C/O link road from Niihog to Borlighthat Khanda km.0/0 to 6/0 (SH:-Improvement of curves Km 3/0 to 4/0 )

Estimated Cost Rs.4,98,043 /- only

Earnest money: Rs.10,000/- only

Time:- Two Months

| Sr No | Sub Head/Item of work   | Quantity | Unit            | Rate in figure | Rate in world | Amount |
|-------|---|----------|-----------------|----------------|---------------|--------|
| 1     | Excavation in earthwork in hilly area all heights and depths, in all kind of soils including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of 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 chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting / excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification of Ministry of Rural Development for Rural Roads August, 2004 (Two Thousand Four),C-1603.1, 1603.2 (Clause - One Thousand Six Hundred Three point One, One Thousand Six Hundred Three point Two) to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal of unsuitable cut materials by all modes of transportations in all leads and lifts at specified places. in specified manner, systematically with due consideration to avoiding adverse effects on environment, trimming, filling of unevenness, blind age and finishing of the road to specified dimensions to the entire satisfaction as directed by the Engineer-in charge for smooth plying of traffic. All useful material such as stones, shingle, aggregate and slates shall be sorted out and stacked along the road side not less than 388.76 cubic metre in all cases, failing which recovery at the rate of Rupees 170/- only (Rupees one hundred seventy only) per cubic meter shall be effected. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.including haulage of mateial with in all leads, lifts and carriage of materials and as directed by the Engineer in-charge. | 2180.00  | Per Cubic metre |                |               |        |

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97

Schedule of Quantity  
Name of work:-C/O Missing cross drainage work on Banog Kheri road Km 0/0 to 39/0( SH:-C/O RCC slab culvert at RD 33/0)

Estimated Cost:-4,99,883/-only  
Earnest Money:- 10,000/- only  
Time allowed:- Two months

| Sr.No | Sub Head and item of work   | Qty   | Unit            | Rate In |       | Amount |
|-------|---|-------|-----------------|---------|-------|--------|
|       |   |       |                 | figure  | Words |        |
| 1     | Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal , dressing of sides and bottom and backfilling in trenches with excavated suitable material. including all leads,lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.             | 22.50 | Per Cubic metre |         |       |        |
| 2     | Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 Nominal mix 1:3:6 (one cement is to three sand is to six graded stone aggregate) including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.   | 5.62  | Per Cubic metre |         |       |        |
| 3     | Providing and laying concrete for plain/reinforced concrete in sub-structure complete as per drawing and technical specification clause 802,803,1202 1203 in PCC grade M-20 in 1:2:4 (one cement is to two sand is to four grade stone aggregate nominal size ) including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.  | 60.00 | Per Cubic metre |         |       |        |
| 4     | Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:4:8 ( one cement is to four sand is to eight crushed aggregates) including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.  | 29.00 | Per Cubic metre |         |       |        |
| 5     | Back filling behind abutment wing wall and return wall complete as per drawing & technical specification clause 1204.3.8 including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.   | 8.64  | Per Cubic metre |         |       |        |
| 6     | Providing weep holes in bricks/stone masonry plain/reinforced concrete abutment wing wall return wall with 100mm dia PVC pipe extended through the full width of the structure with slope of 1 vertical and 20 in horizontal towards drawing face complete as per specification clause 614,709,1204,3.7. including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge. | 12.00 | Each            |         |       |        |
| 7     | Construction of embankment with approved material obtained from borrow pits transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5 including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts , including all incidental charges.    | 36.00 | Per Cubic metre |         |       |        |
|       | Total:-   |       |                 |         |       |        |

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Schedule of Qauantity

Name of work:-Improvement of Banog Kheri road Km 0/0 to 39/0( SH:-C/O B/Wall at RD 26/870 to 26/896)

Estimated Cost:-4,99,497/-only

Earnest Money:- 10,000/- only

Time allowed:- Two months

| Sr.No   | Sub Head and item of work   | Qty    | Unit            | Rate In |       | Amount |
|---------|---|--------|-----------------|---------|-------|--------|
|         |   |        |                 | figure  | Words |        |
| 1       | Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal , dressing of sides and bottom and backfilling in trenches with excavated suitable material. including all leads,lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.             | 42.60  | Per Cubic metre |         |       |        |
| 2       | Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:4:8 ( one cement is to four sand is to eight crushed aggregates) including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.  | 125.30 | Per Cubic metre |         |       |        |
| 3       | Providing weep holes in bricks/stone masonry plain/reinforced concrete abutment wing wall return wall with 100mm dia PVC pipe extended through the full width of the structure with slope of 1 vertical and 20 in horizontal towards drawing face complete as per specification clause 614,709,1204,3.7. including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge. | 39.00  | Each            |         |       |        |
| Total:- |   |        |                 |         |       |        |

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## Schedule of Quantity

Name of work:-C/O Missing cross drainage work on Banog Kheri road Km 0/0 to 39/0( SH:-C/O RCC slab culvert at RD 26/935)

Estimated Cost:-4,99,178/-only

Earnest Money:- 10,000/- only

Time allowed:- Two months

| Sr.No | Sub Head and item of work  | Qty   | Unit            | Rate In |       | Amount |
|-------|--|-------|-----------------|---------|-------|--------|
|       |  |       |                 | figure  | Words |        |
| 1     | Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal, dressing of sides and bottom and backfilling in trenches with excavated suitable material. including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.              | 20.40 | Per Cubic metre |         |       |        |
| 2     | Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 Nominal mix 1:3:6 (one cement is to three sand is to six graded stone aggregate) including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.   | 5.62  | Per Cubic metre |         |       |        |
| 3     | Providing and laying concrete for plain/reinforced concrete in sub-structure complete as per drawing and technical specification clause 802,803,1202 1203 in PCC grade M-20 in 1:2:4 (one cement is to two sand is to four grade stone aggregate nominal size ) including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.  | 60.00 | Per Cubic metre |         |       |        |
| 4     | Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:4:8 ( one cement is to four sand is to eight crushed aggregates) including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.  | 29.00 | Per Cubic metre |         |       |        |
| 5     | Back filling behind abutment wing wall and return wall complete as per drawing & technical specification clause 1204.3.8 including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.   | 8.64  | Per Cubic metre |         |       |        |
| 6     | Providing weep holes in bricks/stone masonry plain/reinforced concrete abutment wing wall return wall with 100mm dia PVC pipe extended through the full width of the structure with slope of 1 vertical and 20 in horizontal towards drawing face complete as per specification clause 614,709,1204,3.7. including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge. | 14.00 | Each            |         |       |        |
| 7     | Construction of embankment with approved material obtained from borrow pits transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5 including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.      | 34.00 | Per Cubic metre |         |       |        |
|       | Total:-  |       |                 |         |       |        |

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(12)

## Schedule of Quantity

Name of work:-R/R damages on link road from Malgaon to Shilnu Kailash km.0/0 to 4/0( SH:-C/O R/Wall at RD 1/760 to 1/773)

Estimated Cost:-4,54,808/-only

Earnest Money:- 9,100/- only

Time allowed:- Two months

| Sr.No   | Sub Head and item of work  | Qty    | Unit            | Rate In |       | Amount |
|---------|--|--------|-----------------|---------|-------|--------|
|         |  |        |                 | figure  | Words |        |
| 1       | Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal, dressing of sides and bottom and backfilling in trenches with excavated suitable material. including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.              | 63.62  | Per Cubic metre |         |       |        |
| 2       | Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:4:8 ( one cement is to four sand is to eight crushed aggregates) including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.  | 107.30 | Per Cubic metre |         |       |        |
| 3       | Back filling behind abutment wing wall and return wall complete as per drawing & technical specification clause 1204.3.8 including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.   | 11.31  | Per Cubic metre |         |       |        |
| 4       | Providing weep holes in bricks/stone masonry plain/reinforced concrete abutment wing wall return wall with 100mm dia PVC pipe extended through the full width of the structure with slope of 1 vertical and 20 in horizontal towards drawing face complete as per specification clause 614,709,1204.3.7. including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge. | 65.00  | Each            |         |       |        |
| Total:- |  |        |                 |         |       |        |

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## SCHEDULE OF QUANTITY

Name of Work:-Improvement of link road from Malgaon to Shilnu Kailash km.0/0 to 4/0 (SH:-Imp.of curves Km 0/0 to 4/0)

Estimated Cost Rs.4,99,961/- only  
Earnest money: Rs.10,000/- only  
Time:- Two Months

| Sr No | Sub Head/Item of work  | Quantity | Unit            | Rate in figure | Rate in word | Amount |
|-------|--|----------|-----------------|----------------|--------------|--------|
| 1     | Excavation in earthwork in hilly area all heights and depths, in all kind of soils including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of 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 chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting / excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification of Ministry of Rural Development for Rural Roads August, 2004 (Two Thousand Four),C-1603.1, 1603.2 (Clause - One Thousand Six Hundred Three point One, One Thousand Six Hundred Three point Two) to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal of unsuitable cut materials by all modes of transportations in all leads and lifts at specified places. in specified manner, systematically with due consideration to avoiding adverse effects on environment, trimming, filling of unevenness, blind age and finishing of the road to specified dimensions to the entire satisfaction as directed by the Engineer-in charge for smooth plying of traffic. All useful material such as stones, shingle, aggregate and slates shall be sorted out and stacked along the road side not less than 92.60 cubic metre in all cases, failing which recovery at the rate of Rupees 170/- only (Rupees one hundred seventy only) per cubic meter shall be effected. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.including haulage of mateial with in all leads, lifts and carriage of materials and as directed by the Engineer in-charge. | 3756.28  | Per Cubic metre |                |              |        |

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(15)

## SCHEDULE OF QUANTITY

Name of Work:-C/O link road from Bedaghat to Gaunth km.0/0 to 3/870 (SH:-ROFD Km 0/050 to 1/210)

Estimated Cost Rs.4,90,802/- only

Earnest money: Rs.10,000/- only

Time:- Two Months

| Sr No | Sub Head/Item of work  | Quantity | Unit            | Rate in figure | Rate in word | Amount |
|-------|--|----------|-----------------|----------------|--------------|--------|
| 1     | Excavation in earthwork in hilly area all heights and depths, in all kind of soils including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of 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 chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting / excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification of Ministry of Rural Development for Rural Roads August, 2004 (Two Thousand Four), C-1603.1, 1603.2 (Clause - One Thousand Six Hundred Three point One, One Thousand Six Hundred Three point Two) to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal of unsuitable cut materials by all modes of transportations in all leads and lifts at specified places. in specified manner, systematically with due consideration to avoiding adverse effects on environment, trimming, filling of unevenness, blind age and finishing of the road to specified dimensions to the entire satisfaction as directed by the Engineer-in charge for smooth plying of traffic. All useful material such as stones, shingle, aggregate and slates shall be sorted out and stacked along the road side not less than 82.14 cubic metre in all cases, failing which recovery at the rate of Rupees 170/- only (Rupees one hundred seventy only) per cubic meter shall be effected. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases including haulage of material with in all leads, lifts and carriage of materials and as directed by the Engineer in-charge. | 3031.70  | Per Cubic metre |                |              |        |

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15

# Schedule of Quantity

Name of work:-C/O Jalal bridge to Shirumaila road km 0/0 to 8/0( SH:-C/O Wing/ Walls of existing HPC at RD 3/500 & R/Walls at RD 1/680 to 1/685 & 2/050 to 2/065)under SCSP

Estimated Cost:-4,84,391/-only

Earnest Money:- 9,700/- only

Time allowed:- Two months

| Sr.No   | Sub Head and item of work   | Qty    | Unit            | Rate In |       | Amount |
|---------|---|--------|-----------------|---------|-------|--------|
|         |   |        |                 | figure  | Words |        |
| 1       | Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal, dressing of sides and bottom and backfilling in trenches with excavated suitable material. including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.                 | 75.65  | Per Cubic metre |         |       |        |
| 2       | Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:4:8 ( one cement is to four sand is to eight crushed aggregates) including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.   | 110.90 | Per Cubic metre |         |       |        |
| 3       | Back filling behind abutment wing wall and return wall complete as per drawing & technical specification clause 1204.3.8 including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.  | 7.92   | Per Cubic metre |         |       |        |
| 4       | Providing weep holes in bricks/stone masonry plain/reinforced concrete abutment wing wall return wall with 100mm dia PVC pipe extended through the full width of the structure with slope of 1 vertical and 20 in horizontal towards drawing face complete as per specification clause 614, 709, 1204, 3.7. including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge. | 82.00  | Each            |         |       |        |
| Total:- |   |        |                 |         |       |        |

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## SCHEDULE OF QUANTITY

Name of Work:-C/O Link road from Dhon to Shyampur km.0/0 to 2/300 (SH:-5/7 mtrs wide formation cutting at RD 1/300 to 2/300) Estimated Cost Rs.4,97,061/- only  
 Earnest money: Rs.10,000/- only  
 Time:- Two Months

| Sr No | Sub Head/Item of work  | Quantity | Unit            | Rate in figure | Rate in world | Amount |
|-------|--|----------|-----------------|----------------|---------------|--------|
| 1     | Excavation in earthwork in hilly area all heights and depths, in all kind of soils including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of 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 chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting / excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification of Ministry of Rural Development for Rural Roads August, 2004 (Two Thousand Four),C-1603.1, 1603.2 (Clause - One Thousand Six Hundred Three point One, One Thousand Six Hundred Three point Two) to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal of unsuitable cut materials by all modes of transportations in all leads and lifts at specified places. in specified manner, systematically with due consideration to avoiding adverse effects on environment, trimming, filling of unevenness, blind age and finishing of the road to specified dimensions to the entire satisfaction as directed by the Engineer-in charge for smooth plying of traffic. All useful material such as stones, shingle, aggregate and slates shall be sorted out and stacked along the road side not less than 276.83 cubic metre in all cases, failing which recovery at the rate of Rupees 170/- only (Rupees one hundred seventy only) per cubic meter shall be effected. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.including haulage of material with in all leads, lifts and carriage of materials and as directed by the Engineer in-charge. | 3818.55  | Per Cubic metre |                |               |        |

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### SCHEDULE OF QUANTITY

Name of Work:- C/O Link road from Dhon to Shyampur km.0/0 to 2/300(SH :-ROFD Km 0/0 to 1/300,C/O edge walls at RD 0/635 to 0/645,0/665 to 0/670,0/700 to 0/705 & X-drainage work at RD 0/720)

Estimated Cost Rs.4,99,946/- only

Earnest money: Rs 10,000/- only

Time:- Two Months

| Sr No | Sub Head/Item of work   | Quantity | Unit            | Rate in figure | Rate in world | Amount |
|-------|---|----------|-----------------|----------------|---------------|--------|
| 1     | Excavation in earthwork in hilly area all heights and depths, in all kind of soils including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of 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 chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting / excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification of Ministry of Rural Development for Rural Roads August, 2004 (Two Thousand Four),C-1603.1, 1603.2 (Clause - One Thousand Six Hundred Three point One, One Thousand Six Hundred Three point Two) to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal of unsuitable cut materials by all modes of transportations in all leads and lifts at specified places. in specified manner, systematically with due consideration to avoiding adverse effects on environment, trimming, filling of unevenness, blind age and finishing of the road to specified dimensions to the entire satisfaction as directed by the Engineer-in charge for smooth plying of traffic. All useful material such as stones, shingle, aggregate and slates shall be sorted out and stacked along the road side not less than 12.50 cubic metre in all cases, failing which recovery at the rate of Rupees 170/- only (Rupees one hundred seventy only) per cubic meter shall be effected. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.including haulage of material with in all leads, lifts and carriage of materials and as directed by the Engineer in-charge. | 250.00   | Per Cubic metre |                |               |        |
| 2     | Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal all lead dressing of sides and bottom and backfilling in trenches with excavated suitable material. including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.   | 61.56    | Per Cubic metre |                |               |        |
| 3     | Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:6:12 ( one cement is to six sand is to twelve aggregates 40mm nominal size) including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.   | 2.81     | Per Cubic metre |                |               |        |
| 4     | Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:4:8 ( one cement is to four sand is to eight crushed aggregates) including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.   | 84.75    | Per Cubic metre |                |               |        |
| 5     | Providing concrete for plain/reinforced concrete in open foundations as per drawings and technical specifications Clause 802, 803, 1202 & 1203 P.C.C grade M- 20 Nominal mix 1:2:4 (One cement is   | 12.36    | Per Cubic metre |                |               |        |

|   |  |       |                   |  |  |  |
|---|--|-------|-------------------|--|--|--|
|   | Providing and laying 900mm dia reinforced cement concrete pipe NP2 for culverts on first class bedding of granular materials in single row including fixing excluding excavation protection work, back filling concrete and masonry work in head walls and parapets clause 1108 including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.                          | 7.50  | Per Running metre |  |  |  |
| 7 | Back filling behind abutment wing wall and return wall complete as per drawing & technical specification clause 1204.3.8 including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.   | 18.00 | Per Cubic metre   |  |  |  |
| 8 | Providing weep holes in bricks/stone masonry plain/reinforced concrete abutment wing wall return wall with 100mm dia PVC pipe extended through the full width of the structure with slope of 1 vertical and 20 in horizontal towards drawing face complete as per specification clause 614,709,1204,3.7. including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge. | 35.00 | Each              |  |  |  |
|   | Total :-   |       |                   |  |  |  |

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Name of work:-A/R & M/O residential accommodation PWD colony at Nahan(SH :- Distempering,painting & other minor repair works etc.)

# Schedule of Qauantity

Estimated Cost:-Rs.4,97,137/-only  
Earnest Money:- Rs.10,000/- only  
Time allowed:- Two months

| Sr.No | Sub Head and item of work  | Qty     | Unit              | Rate In |       | Amount |
|-------|--|---------|-------------------|---------|-------|--------|
|       |  |         |                   | figure  | Words |        |
| 1     | Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete.including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.   | 1300.69 | Per Square Metre  |         |       |        |
| 2     | Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete..including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.  | 780.00  | Per square metre  |         |       |        |
| 3     | Applying priming coat on wall cement primer including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.   | 780.00  | Per Square Metre  |         |       |        |
| 4     | Distempering (two coats) with oil bound washable distemper of approved brand and manufacture and of required shade on undecorated wall surfaces to give an even shade over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and sand papered smooth including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge. | 1300.69 | Per square metre  |         |       |        |
| 5     | Providing and fixing PVC water storage tank of ISI: 12701 marked, G.I. inlet and outlet connection, 15mm nominal bore ball valve and mosquito proof PVC cover with locking arrangement including hoisting upto all heights above ground level: - 1000 liters net capacity tank including all leads, lifts and carriage of materials and other including charges complete as per entire satisfaction of the Engineer in charge.   | 5.00    | Each              |         |       |        |
| 6     | Providing and fixing gate valve 25mm including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge including all fittings including all leads,lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.  | 2.00    | Each              |         |       |        |
| 7     | Providing and fixing brass angle valve: 15mm without nuts and pipe including all leads,lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.   | 2.00    | Each              |         |       |        |
| 8     | Providing and fixing C.P. brass bib tap with captain head 15mm dia including all leads,lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.   | 25.00   | Each              |         |       |        |
| 9     | Providing and fixing to wall ceiling and floor galvanised mild steel tubes (Medium grade) tube fitting complete and clamps including making good the wall, ceiling and floor:- 15 (fifteen) mm nominal bore & accessories including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.   | 60.00   | Per Running metre |         |       |        |



|    |   |       |                   |  |  |  |
|----|---|-------|-------------------|--|--|--|
|    | Providing and fixing 10.0/12.50/15.00 litres vitreous China low level flushing cistern with a pair of C.I. or mild steel brackets, complete with fitting such as lead valve less syphon, 15mm nominal size brass ball valve with polythene float, C.P. Brass handle, unions and couplings for connections with inlet, outlet and overflow pipes, 40mm dia C.P. flush bend including cutting holes in walls and making good the same and connecting the flush beng with cistern and closet (overflow pipe to be measured and paid for separately). | 5.00  | Each              |  |  |  |
| 11 | Providing and fixing vitreous China wash down,water closet (European type. W.C. pan) with integral 'P' or 'S' trap including jointing the trap with soil pipe in cement mortar 1:1(1 cement : 1 sand) (Seat and over to be measured and paid for separately):- including carriage of materials with in all leads, lifts and carriage of materials and other including charges complete as per entire satisfaction of the Engineer in charge.  | 3.00  | Each              |  |  |  |
| 12 | Providing and fixing vitreous china wash basin with single hole for pillar tap with C.I. or M.S brackets painted white including cutting holes & making good the same but excluding fittings 630mm x 450mm ( six hundred thirty into four hundred fifty milimetre) including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.   | 3.00  | Each              |  |  |  |
| 13 | Providing and fixing PVC connection pipe with brass unions, 300/450mm length, 15mm nomin al bore including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.  | 15.00 | Each              |  |  |  |
| 14 | Providing & fixing C.P. brass pillar tap with capstan head 15mm dia ( fifteen milimeter ) dia as per HP.PWD.,specification Volume-I (one) including carriage of all labour equipment & materials to various location through all leads, lifts & other incidental charges complete as per entire satisfaction of the Engineer-in-charge.   | 5.00  | Each              |  |  |  |
| 15 | Providing and fixing on wall face PVC ( D-Plast ) rain water pipes of working pressure not less than 4.5 Kg ( Four decimal five kilogram ) per square meter including filling the joints with approved adhesive complete 110mm ( One hundred ten milimeter ) dia pipe as per HP.PWD.,specification Volume-I ( one ) including carriage of all labour equipment & materials to various location through all leads, lifts and other incidental charges complete as per entire satisfaction of the Engineer-in Charge.                               | 24.00 | Per Running metre |  |  |  |
| 16 | Providing and fixing vitreous China wash down,water closet squatting pan (Indian type W.C pan) size 580mm (Earth work, bed concrete, foot rest and trap to be measured and paid for separately). Orrissa Pattern including carriage of all labour equipment & materials to various location through all leads, lifts and other incidental charges complete as per entire satisfaction of the Engineer-in Charge.  | 2.00  | Each              |  |  |  |
| 17 | Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws. 40mm thick 2nd class deodar wood including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.  | 26.00 | Per Square metre  |  |  |  |



|   |       |                  |  |  |  |
|---|-------|------------------|--|--|--|
| Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws. 40 mm thick 2nd class deodar wood. including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge. | 24.00 | Per Square Metre |  |  |  |
| Total:-   |       |                  |  |  |  |

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Executive Engineer,  
 HP.PWD., Division  
 Nahan.

# SCHEDULE OF QUANTITY

Name of Work:-C/O link road Kanyonghat to Sher Reshla Rojbendli km.0/0 to18/500.(SH:- 5/7 mtrs.wide formation cutting at RD 10/770 to 11/00 )

Estimated Cost Rs.4,98,589/- only  
Earnest money: Rs 10,000/- only  
Time:- Two Months

| Sr No | Sub Head/Item of work   | Quantity | Unit            | Rate in figure | Rate in word | Amount |
|-------|---|----------|-----------------|----------------|--------------|--------|
| 1     | Excavation in earthwork in hilly area all heights and depths, in all kind of soils including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of 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 chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting / excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification of Ministry of Rural Development for Rural Roads August, 2004 (Two Thousand Four),C-1603.1, 1603.2 (Clause - One Thousand Six Hundred Three point One, One Thousand Six Hundred Three point Two) to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal of unsuitable cut materials by all modes of transportations in all leads and lifts at specified places. in specified manner, systematically with due consideration to avoiding adverse effects on environment, trimming, filling of unevenness, blind age and finishing of the road to specified dimensions to the entire satisfaction as directed by the Engineer-in charge for smooth plying of traffic. All useful material such as stones, shingle, aggregate and slates shall be sorted out and stacked along the road side not less than 361.41 cubic metre in all cases, failing which recovery at the rate of Rupees 170/- only (Rupees one hundred seventy only) per cubic meter shall be effected. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.including haulage of mateial with in all leads, lifts and carriage of materials and as directed by the Engineer in-charge. | 3336.16  | Per Cubic metre |                |              |        |

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Executive Engineer  
Nahan Division,  
HP,PWD, Nahan.



# SCHEDULE OF QUANTITY

Name of Work:-C/O link road Kanyonghat to Sher Reshla Rojbendli km.0/0 to18/500.(SH:- 5/7 mtrs.wide formation cutting at RD 12/495 to 13/245)

Estimated Cost Rs.4,98,271/- only

Earnest money: Rs 10,000/- only

Time:- Two Months

| Sr No | Sub Head/Item of work   | Quantity | Unit            | Rate in figure | Rate in word | Amount |
|-------|---|----------|-----------------|----------------|--------------|--------|
| 1     | Excavation in earthwork in hilly area all heights and depths, in all kind of soils including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of 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 chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting / excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification of Ministry of Rural Development for Rural Roads August, 2004 (Two Thousand Four),C-1603.1, 1603.2 (Clause - One Thousand Six Hundred Three point One, One Thousand Six Hundred Three point Two) to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal of unsuitable cut materials by all modes of transportations in all leads and lifts at specified places. in specified manner, systematically with due consideration to avoiding adverse effects on environment, trimming, filling of unevenness, blind age and finishing of the road to specified dimensions to the entire satisfaction as directed by the Engineer-in charge for smooth plying of traffic. All useful material such as stones, shingle, aggregate and slates shall be sorted out and stacked along the road side not less than 147.75 cubic metre in all cases, failing which recovery at the rate of Rupees 170/- only (Rupees one hundred seventy only) per cubic meter shall be effected. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.including haulage of mateial with in all leads, lifts and carriage of materials and as directed by the Engineer in-charge. | 4029.69  | Per Cubic metre |                |              |        |

Executive Engineer  
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# SCHEDULE OF QUANTITY

Name of Work:-C/O link road Kanyonghat to Sher Reshla Rojbendli km.0/0 to18/500.(SH:- 5/7 mtrs.wide formation cutting at RD 13/260 to 14/0)

Estimated Cost Rs.4,98,281/- only  
Earnest money: Rs 10,000/- only  
Time:- Two Months

| Sr No | Sub Head/Item of work  | Quantity | Unit            | Rate in figure | Rate in word | Amount |
|-------|--|----------|-----------------|----------------|--------------|--------|
| 1     | Excavation in earthwork in hilly area all heights and depths, in all kind of soils including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of 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 chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting / excavation, including rock excavation shall be carried out true to lines, grades, side slopes, width, camber, super-elevation and level as shown on the drawings or as directed by the Engineer-in-charge, in conformity with the requirement of technical specification of Ministry of Rural Development for Rural Roads August, 2004 (Two Thousand Four),C-1603.1, 1603.2 (Clause - One Thousand Six Hundred Three point One, One Thousand Six Hundred Three point Two) to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal of unsuitable cut materials by all modes of transportations in all leads and lifts at specified places. in specified manner, systematically with due consideration to avoiding adverse effects on environment, trimming, filling of unevenness, blind age and finishing of the road to specified dimensions to the entire satisfaction as directed by the Engineer-in charge for smooth plying of traffic. All useful material such as stones, shingle, aggregate and slates shall be sorted out and stacked along the road side not less than 147.76 cubic metre in all cases, failing which recovery at the rate of Rupees 170/- only (Rupees one hundred seventy only) per cubic meter shall be effected. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.including haulage of material with in all leads, lifts and carriage of materials and as directed by the Engineer in-charge. | 4029.77  | Per Cubic metre |                |              |        |

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