

# सिंचाई विभाग, उत्तराखण्ड



॥ अपार शक्तेः स्रोतः गंगेयम् ॥

## सिंचाई बढ़ाएं खुशहाली लाएं।

योजना का नाम— वार्षिक अनुरक्षण मद (2701) के अन्तर्गत विकास खण्ड धारचूला में पन्थागाँव नहर एवं गागरा नहर की मरम्मत एवं सफाई कार्य का प्रावधिक प्राक्कलन।

योजना की लागत—रु 0.97 लाख

वर्ष: 2024—2025

## सिंचाई कार्य मण्डल, पिथौरागढ़।

## सिंचाई खण्ड, धारचूला।

**सिंचाई खण्ड, धारचूला**  
**उपखण्ड - तृतीय, बलुवाकोट**

**योजना का नाम -** वार्षिक अनुरक्षण मद (2701) के अन्तर्गत विकास खण्ड धारचूला में पन्थागाँव नहर एवं गागरा नहर की मरम्मत एवं सफाई कार्य का प्रावधिक प्राक्कलन।

**आख्या रिपोर्ट**

जिला पिथौरागढ़ के अन्तर्गत विकास खण्ड धारचूला सीमान्त विकास खण्ड है जो कि जिला मुख्यालय धारचूला से 92 किमी० की दूरी पर स्थित है। विकास खण्ड धारचूला के उत्तर में चीन की सीमा एवं पूरव में नेपाल की सीमा हैं। यहां भौगोलिक स्थिति अत्यधिक जटिल होने के उपरान्त भी यहां के लोग कृषि कार्य में अत्यधिक रुचि रखते हैं। यहां के लोगों का मुख्य व्यवसाय भी कृषि है फिर भी इस परिपेक्ष्य में कुल कृषि योग्य भूमि का लगभग 45 प्रतिशत भाग में ही सिंचाई सुविधा उपलब्ध है।

**पन्थागाँव नहर** जनपद पिथौरागढ़ के विकास खण्ड धारचूला में धारचूला - बलुवाकोट - पंथापौडी मोटर मार्ग पर धारचूला मुख्यालय से 23 किमी० की दूरी पर स्थित है। इस नहर की कुल लम्बाई 3.6 किमी० है। सी०सी०ए० - 32 हे० है।

**गागरा नहर** जनपद पिथौरागढ़ के विकास खण्ड धारचूला में धारचूला - पिथौरागढ़ मोटमार्ग पर धारचूला मुख्यालय से 15 किमी० की दूरी पर स्थित है। इस नहर की कुल लम्बाई 3.4 किमी० है। सी०सी०ए० - 44 हे० है।

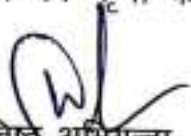
**मरम्मत की आवश्यकता -** पन्थागाँव नहर का निर्माण वर्ष 1991-92 में पन्थागाँव एवं रौड़ाण गांव को सिंचाई सुविधा उपलब्ध करवाने हेतु किया गया था तथा गागरा नहर नहर का निर्माण वर्ष 1984-85 में गैरागाँव गागरा को सिंचाई सुविधा उपलब्ध करवाने हेतु किया गया था। तब से इन वर्षों में विशेष कर वर्ष 2013-14 में अतिवृष्टि के कारण इस नहर पर व्यापक क्षति हुई है लेकिन ग्रामवासियों की मांग द्वारा नहर को 2022-23 तक अस्थायी रूप से चलाया गया लेकिन 2023-24 में पुनः अतिवृष्टि के कारण व्यापक क्षति हुई। इसी कारण से यह नहर अत्यधिक जीर्ण - क्षीर्ण स्थिति में है, जिसके परिणाम स्वरूप कास्तकारों को सिंचाई हेतु माँग के अनुसार पानी नहीं मिल पा रहा है। इसी कारण से कास्तकारों द्वारा गागरा नहर को सुचारू रूप से चलवाने हेतु अनुरोध किया गया है। उपरोक्त स्थिति को देखते हुए गागरा नहर का मरम्मत कार्य किया जाना अति आवश्यक है तथा पन्थागाँव नहर की सफाई का कार्य किया जाना आवश्यक है।

**योजना का प्रस्तावित कार्य -** इसके अन्तर्गत मरम्मत कार्य एवं सफाई का कार्य किया जाना प्रस्तावित है।

**दरें -** वर्तमान में प्रायोजना का गठन लो० नि० वि० की ऑन लाईन स्वीकृत ब्लॉक धारचूला की दरों के अनुसार वर्ष 2024-25 दिनांक 3.10.2022 की अनुसूची के आधार पर 18 प्रतिशत जी० एस० टी० सम्मिलित करते हुए किया गया है।

**योजना की लागत -** योजना की कुल लागत रू० 0.97 लाख आंकी गयी है।

**संस्तुति -** अतः इस कार्य हेतु वार्षिक अनुक्षण मद में 0.97 लाख की धनराशि की तकनीकी स्वीकृति प्रदान करने की कृपा करें।

  
कनिष्क अभिर्यन्ता  
सिंचाई उपखण्ड, तृतीय  
बलुवाकोट

  
सहायक अभिर्यन्ता  
सिंचाई उपखण्ड, तृतीय  
बलुवाकोट



**IRRIGATION DIVISION DHARCHULA**  
**IRRIGATION SUB DIVISION-III BALUAKOTE**  
**ESTIMATE FOR REPAIR AND CLEANING WORK OF PANTHAGAOUN**  
**MINOR AND GAGARA MINOR IN DHARCHULA BLOCK OF DISTRICT**  
**PITHORAGARH UNDER HEAD A.R**

**General Abstract of Cost**

| S.N. | Name of work                                                                                                    | Amount<br>(In Rs.) | Amount<br>(In Lac.) |
|------|-----------------------------------------------------------------------------------------------------------------|--------------------|---------------------|
| (A)  | ESTIMATE FOR CLEANING WORK OF PANTHAGAOUN MINOR IN DHARCHULA BLOCK OF DISTRICT PITHORAGARH UNDER HEAD A.R       | 43959.72           | 0.44                |
| (B)  | ESTIMATE FOR REPAIR AND CLEANING WORK OF GAGARA MINOR IN DHARCHULA BLOCK OF DISTRICT PITHORAGARH UNDER HEAD A.R | 52550.56           | 0.53                |
|      | <b>Total</b>                                                                                                    | <b>96510.28</b>    | <b>0.97</b>         |



Irrigation Division Dharchula



Irrigation Division Dharchula

*Checked*  

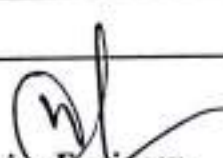

सहायक अधिष्ठाता सिंचाई एवं जल संयंत्रों के माध्यम से सिंचाई के माध्यम पर  
 उक्त प्रस्ताव लागत रु० 0.97 लाख की स्वीकृति प्रदान की जाती है जो इस वर्ष  
 के वार्षिक अनुसंधान प्रस्ताव पत्रिका के क्रमांक 11/2024-25 में उल्लिखित है।

  
 अधिष्ठाता अधिवक्ता  
 सिंचाई एवं जल, धारचूला

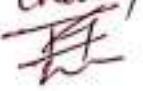
**ESTIMATE FOR REPAIR AND CLEANING WORK OF GAGARA MINOR IN  
DHARCHULA BLOCK OF DISTRICT PITHORAGARH UNDER HEAD A.R**

**Abstract of cost**

| Item no              | Item of work                                                                                                                                                                                                                                                 | Qty   | Unit       | Rate (in Rs) | Unit | Amount (in Rs)  |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|--------------|------|-----------------|
| A                    | C- Work                                                                                                                                                                                                                                                      |       |            |              |      |                 |
| (i)                  | P.C.C in (1:3:6) including supply of all materials, labour, T&P, royalty etc required for proper completion of work (As per PWD Uttarakhand specifications)                                                                                                  | 3.15  | Cum        | 6985.50      | Cum  | 22004.33        |
| (ii)                 | Random Rubble Stone Masonary laid in 1:5 cement sand mortar in breast wall, retaining wall, parapets, scupper etc including supply of all materials, labour, T&P, royalty etc required for proper completion of work (As per PWD Uttarakhand specifications) | 1.22  | Rmt<br>Cum | 4369.80      | Rmt  | 5331.16         |
| (iii)                | Slip clearance (by manual means) of loose earth and other small loose materials including disposal complete as directed by the Engineer-in-charge.                                                                                                           | 40.00 | Rmt<br>Cum | 266.10       | Rmt  | 10644.00        |
| (iv)                 | Plastering with cement mortar (1:4), 15 mm thick on brickwork in substructure as per technical specification Clauses 613.4 & 1204                                                                                                                            | 28.80 | Rmt<br>Cum | 227.60       | Rmt  | 6554.88         |
| <b>Total (RS)</b>    |                                                                                                                                                                                                                                                              |       |            |              |      | <b>44534.37</b> |
| <b>Add 18% Gst</b>   |                                                                                                                                                                                                                                                              |       |            |              |      | <b>8016.19</b>  |
| <b>Grand Total</b>   |                                                                                                                                                                                                                                                              |       |            |              |      | <b>52550.56</b> |
| <b>Say Rs (Laes)</b> |                                                                                                                                                                                                                                                              |       |            |              |      | <b>0.53</b>     |

  
Junior Engineer  
Sub-Division IIIrd  
Dharchula

  
Assistant Engineer  
Sub-Division IIIrd  
Dharchula

*checked*  


*सिद्धेश्वर शिवशर्मा सिन्हा-उपस्थान-द्वारा बलुवाकोट की संरचना के आदेश पर  
उक्त प्रस्ताव लागू करें*



## IRRIGATION DIVISION DHARCHULA

### ESTIMATE FOR REPAIR AND CLEANING WORK OF GAGARA MINOR IN DHARCHULA BLOCK OF DISTRICT PITHORAGARH UNDER HEAD A.R

#### Detail of Measurement

| S.no | Particulars of items of Work | No   | Length(in mtrs) | width(in mtrs) | Height(in mtrs) | Pcc 1:3:6(in Cum) | RR 1:5(in cum) | Slip Clearance (In Cum) | Plaster (In Sqm) |
|------|------------------------------|------|-----------------|----------------|-----------------|-------------------|----------------|-------------------------|------------------|
| 1    | Reach km 0.00 to km 0.500    |      |                 |                |                 |                   |                |                         |                  |
| a    | Slip Clearance               | 1.00 | 200.00          | 0.40           | 0.35            |                   |                | 28.00                   |                  |
| b    | Bed concrete                 | 1.00 | 42.00           | 0.60           | $(0.10+0.15)/2$ | 3.15              |                |                         |                  |
| c    | For B/W R.R 1:5              | 1.00 | 3.60            | 0.85           | 0.40            |                   | 1.22           |                         | 28.80            |
| d    | Plaster                      | 1.00 | 36.00           | 0.80           |                 |                   |                |                         |                  |
| 1    | Reach km 0.500 to km 1.00    |      |                 |                |                 |                   |                |                         |                  |
| a    | Slip Clearance               | 1.00 | 100.00          | 0.40           | 0.30            |                   |                | 12.00                   |                  |
|      |                              |      |                 |                |                 |                   |                |                         |                  |
|      |                              |      |                 |                | <b>Total =</b>  | <b>3.15</b>       | <b>1.22</b>    | <b>40.00</b>            | <b>28.80</b>     |

  
 Junior Engineer  
 Sub-Division IIIrd  
 Dharchula

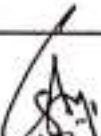
  
 Assistant Engineer  
 Sub-Division IIIrd  
 Dharchula

**ESTIMATE FOR CLEANING WORK OF PANTHAGAOUN MINOR IN DHARCHULA  
BLOCK OF DISTRICT PITHORAGARH UNDER HEAD A.R**

**Abstract of cost**

| Item no       | Item of work                                                                                                                                       | Qty    | Unit | Rate (in Rs) | Unit | Amount (in Rs) |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------|------|--------------|------|----------------|
|               | C- Work                                                                                                                                            |        |      |              |      |                |
| A             | Slip clearance (by manual means) of loose earth and other small loose materials including disposal complete as directed by the Engineer-in-charge. | 140.00 | Rmt  | 266.10       | Rmt  | 37254.00       |
| Total (RS)    |                                                                                                                                                    |        |      |              |      | 37254.00       |
| Add 18% Gst   |                                                                                                                                                    |        |      |              |      | 6705.72        |
| Grand Total   |                                                                                                                                                    |        |      |              |      | 43959.72       |
| Say Rs (Lacs) |                                                                                                                                                    |        |      |              |      | 0.44           |

  
Junior Engineer  
Sub-Division IIIrd  
Dharchula

  
Assistant Engineer  
Sub-Division IIIrd  
Dharchula

*Checked*  


# IRRIGATION DIVISION DHARCHULA

## ESTIMATE FOR CLEANING WORK OF PANTHAGAOUN MINOR IN DHARCHULA BLOCK OF DISTRICT PITHORAGARH UNDER HEAD A.R

### Detail of Measurement

| S.no | Particulars of items of Work | No   | Length(in mtrs) | width(in mtrs) | Height(in mtrs) | Slip Clearance (In Cum) |
|------|------------------------------|------|-----------------|----------------|-----------------|-------------------------|
| 1    | Reach km 0.000 to km 0.500   |      |                 |                |                 |                         |
|      | Slip Clearance               | 1.00 | 300.00          | 0.40           | $(0.40+0.30)/2$ | 42.00                   |
| 2    | Reach km 0.500 to km 1.00    |      |                 |                |                 |                         |
|      | Slip Clearance               | 1.00 | 200.00          | 0.40           | $(0.40+0.30)/2$ | 28.00                   |
| 3    | Reach km 1.00 to km 1.500    |      |                 |                |                 |                         |
|      | Slip Clearance               | 1.00 | 350.00          | 0.40           | $(0.40+0.30)/2$ | 49.00                   |
| 4    | Reach km 1.500 to km 2.000   |      |                 |                |                 |                         |
|      | Slip Clearance               | 1.00 | 150.00          | 0.40           | $(0.40+0.30)/2$ | 21.00                   |
|      |                              |      |                 |                |                 |                         |
|      |                              |      |                 |                | <b>Total =</b>  | <b>140.00</b>           |

  
Assistant Engineer  
Sub-Division Illrd  
Dharchula

  
Junior Engineer  
Sub-Division Illrd  
Dharchula



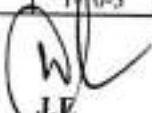
**IRRIGATION DIVISION DHARCHULA**  
**IIIrd Sub-Division Baluakote**

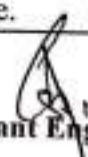
**ESTIMATE FOR REPAIR AND CLEANING WORK OF PANTHAGAOUN MINOR AND GAGARA MINOR IN DHARCHULA BLOCK OF DISTRICT PITHORAGARH UNDER HEAD A.R**

**ANALYSIS OF RATES**

Block : 50-Dharchula

| S.N | Item code            | Item description                                                                                                                                                                                                                                             | Rate      | Unit | Index rate (%) | Index amount | Total rate |
|-----|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------|----------------|--------------|------------|
| 1   | Mord 12-3            | Plastering with cement mortar (1:4), 15 mm thick on brickwork in substructure as per technical specification Clauses 613.4 & 1204                                                                                                                            | 227.60 ✓  | Nos  | 0.00           | 0.00         | 227.60 ✓   |
| 2   | MORD 12-4-3-3        | Random Rubble Stone Masonary laid in 1:5 cement sand mortar in breast wall, retaining wall, parapets, scupper etc including supply of all materials, labour, T&P, royalty etc required for proper completion of work (As per PWD Uttarakhand specifications) | 4369.80 ✓ | Cum  | 0.00           | 0.00         | 4369.80 ✓  |
| 3   | MORD 11-4-1-2        | Providing concrete for plain/ reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 P.C.C grade M 10 Nominal mix 1:3:6                                                                  | 6985.50 ✓ | cum  | 0.00           | 0.00         | 6985.50 ✓  |
| 4   | MISCELLANEOUS 11-0-3 | Slip clearance (by manual means) of loose earth and other small loose materials including disposal complete as directed by the Engineer-in-charge.                                                                                                           | 266.10 ✓  | Cum  | 0.00           | 0.00         | 266.10 ✓   |

  
**J.E.**  
 Sub-Division  
 IIIrd

  
**Assistant Engineer**  
 Sub-Division IIIrd

*rates checked*  






PWD UTTARAKHAND  
SCHEDULE OF RATES

SOR :- MORD  
For Block 50 Dharchula

Year :- 2022-23

Effective From:-03-10-2022

| Sl. No.                 | Description                                                                                                                                                                                                                                                                                                                                                            | Rate     | Unit |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|
| Chapter 11 - FOUNDATION |                                                                                                                                                                                                                                                                                                                                                                        |          |      |
| 11-1                    | Excavation for Structures<br>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 a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material. |          |      |
| 11-1-1                  | Ordinary soil                                                                                                                                                                                                                                                                                                                                                          |          |      |
| 11-1-1-1                | Upto 3 m depth                                                                                                                                                                                                                                                                                                                                                         | 447.20   | Cum  |
| 11-1-1-2                | 3 m to 6 m depth                                                                                                                                                                                                                                                                                                                                                       | 531.00   | Cum  |
| 11-1-2                  | Ordinary rock (not requiring blasting) Upto 3 m depth                                                                                                                                                                                                                                                                                                                  | 558.90   | Cum  |
| 11-1-3                  | Hard rock (requiring blasting) Upto 3 m depth including 1.5 m depth in hard rock                                                                                                                                                                                                                                                                                       | 858.00   | Cum  |
| 11-1-4                  | Hard rock (blasting prohibited) Upto 3 m depth including 1.5 m depth in hard rock                                                                                                                                                                                                                                                                                      | 796.90   | Cum  |
| 11-1-5                  | Marshy soil                                                                                                                                                                                                                                                                                                                                                            | 838.40   | Cum  |
| 11-2                    | Filling in foundation trenches as per drawing and technical specification Clause 305.3.9                                                                                                                                                                                                                                                                               |          |      |
| 11-2-1                  | Sand filling                                                                                                                                                                                                                                                                                                                                                           | 2035.80  | Cum  |
| 11-2-2                  | Earth filling (For marshy soil)                                                                                                                                                                                                                                                                                                                                        | 287.10   | Cum  |
| 11-3                    | Filling annular space around footing in rock as per technical specification Clause 1203.4.3. Rate as Per Item no. 11-4-2<br>P.C.C grade M 15 Nominal mix 1:2.5:5                                                                                                                                                                                                       |          |      |
| 11-4                    | Providing concrete for plain/ reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203                                                                                                                                                                                                               |          |      |
| 11-4-1                  | P.C.C grade M 10                                                                                                                                                                                                                                                                                                                                                       |          |      |
| 11-4-1-1                | Nominal mix 1:3:6                                                                                                                                                                                                                                                                                                                                                      | 6871.10  | Cum  |
| 11-4-1-2                | Nominal mix 1:3:6 (Hand mixing)                                                                                                                                                                                                                                                                                                                                        | 6985.50  | Cum  |
| 11-4-2                  | P.C.C grade M 15                                                                                                                                                                                                                                                                                                                                                       |          |      |
| 11-4-2-1                | Nominal mix (1:2.5:5)                                                                                                                                                                                                                                                                                                                                                  | 6730.60  | Cum  |
| 11-4-2-2                | Nominal mix 1:2.5:5 (Hand mixing)                                                                                                                                                                                                                                                                                                                                      | 6845.00  | Cum  |
| 11-4-3                  | P.C.C. grade M 20                                                                                                                                                                                                                                                                                                                                                      |          |      |
| 11-4-3-1                | Nominal mix (1:2:4)                                                                                                                                                                                                                                                                                                                                                    | 7795.80  | Cum  |
| 11-4-3-2                | Nominal mix 1:2:4 (Hand mixed)                                                                                                                                                                                                                                                                                                                                         | 7910.20  | Cum  |
| 11-4-4                  | R.C.C grade M 20                                                                                                                                                                                                                                                                                                                                                       | 8708.60  | Cum  |
| 11-4-5                  | R.C.C. grade M 25                                                                                                                                                                                                                                                                                                                                                      | 9224.10  | Cum  |
| 11-5                    | Brick masonry work in cement mortar in foundation complete excluding pointing and plastering as per drawing and technical specifications Clauses 600, 1202 & 1203                                                                                                                                                                                                      |          |      |
| 11-5-1                  | Brick masonry in 1:3 cement mortar                                                                                                                                                                                                                                                                                                                                     | 10047.70 | Cum  |
| 11-5-2                  | Brick masonry in 1:4 cement mortar                                                                                                                                                                                                                                                                                                                                     | 9748.90  | Cum  |
| 11-5-3                  | Brick masonry in cement-lime-mortar (1:0.5:4.5)                                                                                                                                                                                                                                                                                                                        | 10402.50 | Cum  |

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# PWD UTTARAKHAND SCHEDULE OF RATES

SOR :- MORD

For Block 50 Dharchula

Year :- 2022-23

Effective From:-03-10-2022

| Sl. No.                          | Description                                                                                                                                                                   | Rate     | Unit |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|
| <b>Chapter 12 - SUBSTRUCTURE</b> |                                                                                                                                                                               |          |      |
| 12-1                             | Brick masonry work in cement mortar in substructure complete excepting pointing and plastering, as per drawing and technical specification Clauses 602, 603, 604, 1202 & 1204 |          |      |
| 12-1-1                           | In 1:3 cement mortar                                                                                                                                                          | 10561.60 | Cum  |
| 12-1-2                           | In 1:4 Cement mortar                                                                                                                                                          | 10245.90 | Cum  |
| 12-1-3                           | In 1:5 cement mortar                                                                                                                                                          | 10075.90 | Cum  |
| 12-1-4                           | In cement lime mortar (1:0.5:4.5)                                                                                                                                             | 10936.60 | Cum  |
| 12-2                             | Pointing with cement mortar (1:3) on brickwork as per drawing and technical specification Clauses 613.3 and 1204                                                              | 91.10    | Sqm  |
| 12-3                             | Plastering with cement mortar (1:4), 15 mm thick on brickwork in substructure as per technical specification Clauses 613.4 & 1204                                             | 227.60   | Sqm  |
|                                  | <i>Note:-If cement plaster 12 mm or 18 mm thick is required elsewhere only the quantity of cement mortar may be changed on prorata basis without any change in</i>            |          |      |
| 12-4                             | Stone masonry in cement mortar for substructure complete as per drawing & technical specification Clauses 702, 704, 1202 and 1204                                             |          |      |
| 12-4-1                           | Coursed rubble masonry (1st sort)                                                                                                                                             |          |      |
| 12-4-1-1                         | In 1:3 cement mortar                                                                                                                                                          | 6036.30  | Cum  |
| 12-4-1-2                         | In 1:4 cement mortar                                                                                                                                                          | 5641.60  | Cum  |
| 12-4-1-3                         | In cement mortar (1:5)                                                                                                                                                        | 5246.30  | Cum  |
| 12-4-1-4                         | In cement lime mortar (1:0.5:4.5)                                                                                                                                             | 6505.00  | Cum  |
| 12-4-2                           | Coursed Rubble masonry (2nd sort)                                                                                                                                             |          |      |
| 12-4-2-1                         | In 1:3 cement mortar                                                                                                                                                          | 5637.90  | Cum  |
| 12-4-2-2                         | In 1:4 cement mortar                                                                                                                                                          | 5206.50  | Cum  |
| 12-4-2-3                         | In cement mortar (1:5)                                                                                                                                                        | 4974.30  | Cum  |
| 12-4-2-4                         | In cement lime mortar (1:0.5:4.5)                                                                                                                                             | 6187.60  | Cum  |
| 12-4-3                           | Random rubble masonry                                                                                                                                                         |          |      |
| 12-4-3-1                         | In 1:3 cement mortar                                                                                                                                                          | 5033.30  | Cum  |
| 12-4-3-2                         | In 1:4 cement mortar                                                                                                                                                          | 4602.00  | Cum  |
| 12-4-3-3                         | In cement mortar (1:5)                                                                                                                                                        | 4369.80  | Cum  |
| 12-4-3-4                         | In cement lime mortar (1:0.5:4.5)                                                                                                                                             | 5975.50  | Cum  |
| 12-5                             | Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204<br>(For height upto 5 m) |          |      |
| 12-5-1                           | P.C.C grade M 15                                                                                                                                                              |          |      |
| 12-5-1-1                         | Nominal mix (1:2.5:5)                                                                                                                                                         | 7118.90  | Cum  |
| 12-5-1-2                         | Nominal mix 1:2.5:5 (Hand mixing)                                                                                                                                             | 7239.90  | Cum  |
| 12-5-2                           | P.C.C. grade M 20                                                                                                                                                             |          |      |
| 12-5-2-1                         | Nominal mix (1:2:4)                                                                                                                                                           | 8245.50  | Cum  |
| 12-5-2-2                         | Nominal mix 1:2:4 (Hand mixed)                                                                                                                                                | 8366.50  | Cum  |

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PWD UTTARAKHAND  
SCHEDULE OF RATES

SOR :- MISCELLANEOUS  
For Block 50 Dharchula

Year :- 2022-23  
Effective From:-03-10-2022

| Sl. No. | Description                                                                                                                                                                                                                                                                                                                                                  | Rate     | Unit |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|
| 1-6     | Providing and Laying of Mechanically Woven Double Twisted Hexagonal shaped Gabions of galvanized steel, of size 3mX1mX1m with two diaphragms at 1m interval, having mesh opening 100mmx120 mm, mesh wire diameter 3 mm for gabions, edge/selvedge wire diameter 3.9 mm and lacing wire diameter 2.2 mm. (The work includes filling boulders in the gabions). | 8,704.40 | No.  |
| 1-10    | Clearance of land slides (Slip Clearance)                                                                                                                                                                                                                                                                                                                    |          |      |
| 1-10-1  | Clearance of land slides in soil and ordinary rock by a bull-dozer D 80 A-12, 180 HP and disposal of the same on the valley side complete as directed by the Engineer-in-charge.                                                                                                                                                                             | 71.30    | Cum  |
| 1-10-2  | Clearing of land slide in hard rock requiring blasting for 50 per cent of the boulders and disposal of the same on the valley side (Using bull-dozer) complete as directed by the Engineer-in-charge.                                                                                                                                                        | 116.80   | Cum  |
| 1-10-3  | Slip clearance (by manual means) of loose earth and other small loose materials including disposal complete as directed by the Engineer-in-charge.                                                                                                                                                                                                           | 266.10   | Cum  |
| 1-10-4  | Slip clearance (by manual means) of earth and boulders including disposal complete as directed by the Engineer-in-charge.                                                                                                                                                                                                                                    | 266.60   | Cum  |
| 1-10-5  | Slip clearance (by manual means) of boulders only including disposal complete as directed by the Engineer-in-charge.                                                                                                                                                                                                                                         | 285.50   | Cum  |
| 1-11    | Setting Out (Construction of Reference Pillars, Back Pillars and Job Pillars)                                                                                                                                                                                                                                                                                |          |      |
| 1-11-1  | Construction of reference pillars with RR 1:6 stone masonry and Plastered with 1:4 Mortar, (totally under ground) of length 200mm, width 200mm and height 300mm) as per Fig. 1600.1 (b) and Technical Specification Clause 1602.1 of MORD specifications.                                                                                                    | 68.60    | No.  |
| 1-11-2  | Construction of back pillars of RR 1:6 stone masonry and Plastered with 1:4 Mortar, of length 300mm, width 300mm and height 400mm of which 100 mm shall be below ground level as per Fig. 1600.1 (b) and Technical Specification Clause 1602.3 of MORD specifications                                                                                        | 272.00   | No.  |
| 1-11-3  | Construction of Job pillars of RR 1:6 stone masonry and Plastered with 1:4 Mortar, of length 400mm, width 400mm and height 600mm of which 100 mm shall be below ground level as per Fig. 1600.1 (d) and Technical Specification Clause 1602.4 of MORD specifications                                                                                         | 664.20   | No.  |
| 1-12    | Providing edge stones of Size 450x350x100 mm on valley side of formation as per drawing and technical specification clause 1608.2.6                                                                                                                                                                                                                          | 53.80    | Nos  |
| 1-13    | Cleaning of fully choked scupper and catchpit complete as directed by the Engineer-in-charge.                                                                                                                                                                                                                                                                | 3,217.20 | Nos  |
| 1-14    | Cleaning of partially choked scupper and catchpit complete as directed by the Engineer-in-charge.                                                                                                                                                                                                                                                            | 1,608.60 | Nos  |

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# Proposed Work Drawing

