

T.S.N. - 25/EE/2024-25 Dt- 04.03.2025

IRRIGATION DEPARTMENT, UTTARAKHAND



अपार शक्तेः स्त्रौतः गङ्गेयम्

TS Estimate

BLOCK : Munsairy
DISTRICT : Pithoragarh
STATE : UTTARAKHAND
YEAR : 2024-25

NAME OF WORK : Strengthening work of Khunkhuniya minor in Munyari block ,
Pithoragarh district under Special Repair Head. (Reach km 0.200 to km 1.00)

CONSTRUCTION COST : Rs. 1.00 Lacs.

EXECUTIVE AGENCY

IRRIGATION DIVISION, DHARCHULA,
PITHORAGARH

CIRCLE OFFICE

IRRIGATION WORKS CIRCLE,
PITHORAGRH

सिंचाई खण्ड, धारचूला
चतुर्थ उपखण्ड, गौचर

कार्य का नाम – विशेष मरम्मत मद के अन्तर्गत जनपद पिथौरागढ़ के विकासखण्ड मुनस्यारी के अन्तर्गत खुनखुनिया नहर का मरम्मत कार्य। (रीच 0.200 कि०मी० से 1.00 कि०मी० के मध्य)

आख्या

प्रस्तावना:- जनपद पिथौरागढ़ के विकास खण्ड मुनस्यारी के अन्तर्गत खुनखुनिया नहर निर्मित है। खुनखुनिया नहर का निर्माण वर्ष 1993-94 में किया गया था। नहर की लम्बाई 2.500 कि०मी० है। । वर्षाकाल में हुई अतिवृष्टि से खुनखुनिया नहर की दीवार व नहर की लाइनिंग क्षतिग्रस्त हो गई है। अतः उक्त क्षतिग्रस्त भागों के पुन निर्माण हेतु विशेष मरम्मत मद के अन्तर्गत यह प्राक्कलन गठित किया जा रहा है।

प्राक्कलन प्राविधान :- प्रस्तुत प्राक्कलन में विभाग द्वारा निर्मित खुनखुनिया नहर की दीवार तथा नहर के विभिन्न क्षतिग्रस्त भागों पर लगभग 12 मी० लम्बाई में आर०आर० 1:5 स्टोन मैसनरी में नहर निर्माण तथा आर०आर० 1:6 धारक एवम प्रतिधारक दिवारों का कार्य प्रस्तावित किए गए हैं।

दरें :- प्रस्तुत प्राक्कलन की दरें लो०नि०वि० द्वारा प्रचलित केन्द्रीय दर अनुसूची 24/08/2024 के आधार पर ली गयी हैं।

प्राक्कलन की लागत :- प्राक्कलन की लागत रू० 1.00 लाख आंकी गयी है।

संस्तुति :- अतः स्थानीय कृषकों को सुचारु सिंचाई सुविधा उपलब्ध कराने हेतु खुनखुनिया नहर के क्षतिग्रस्त भागों के पुनर्निर्माण कराये जाने हेतु विशेष मरम्मत मद के अन्तर्गत कार्यालय प्रमुख अभियन्ता (बजट अनुभाग) सिंचाई विभाग, उत्तराखण्ड, देहरादून के कार्यालय ज्ञाप संख्या-125/प्र०अ०/सि०वि०/बजट/बी-1/आवंटन/कैम्प दिनांक 22 फरवरी 2025 के अनुपालन में उक्त प्राक्कलन को वित्तिय स्वीकृत के उपरान्त तकनीकी स्वीकृत की संस्तुति हेतु प्रेषित है।


सहायक अभियन्ता

सिंचाई उपखण्ड चतुर्थ, गौचर

अधिशाली अभियन्ता
सिंचाई खण्ड धारचूला

**कार्यालय प्रमुख अभियन्ता
(बजट अनुभाग)
सिंचाई विभाग, उत्तराखण्ड, देहरादून**

संख्या : 125/प्र0310/सि0वि0/बजट/बी-1(आवंटन)/कैम्प

दिनांक : 22 फरवरी, 2025

कार्यालय ज्ञाप

शासनादेश संख्या E File No. 28475/IRR 2-1/1.1/11/2022-II-2-Irrigation and Minor Irrigation Department/1/275260/2025, दिनांक 13.02.2025 द्वारा अनुदान सं0-20 के राजस्व लेखा के मुख्य लेखाशीर्षक 2701 एवं 2711 के विभिन्न मदों के अन्तर्गत वित्तीय वर्ष 2024-25 हेतु कुल धनराशि ₹ 3500.00 लाख (रु० पैंतीस करोड़ मात्र) का आवंटन प्रमुख अभियन्ता के नियंत्रण पर रखते हुए किया गया है, जिसके सापेक्ष पूर्व में 2711-बाढ़ नियंत्रण तथा जल निकास अनुरक्षण मद के अन्तर्गत ₹ 1000.00 लाख एवं 2701-नहरों, बांधों, बैराज, जलाशयों, झीलों एवं झीलों से सम्बद्ध नालों का अनुरक्षण मद के अन्तर्गत ₹ 2238.50 लाख अर्थात् कुल ₹ 3238.50 लाख का आवंटन सम्बन्धित खण्डों को किया जा चुका है। उपरोक्त आवंटन के पश्चात वर्तमान में उक्त शासनादेश में से ₹ 261.50 लाख की धनराशि अवशेष है।

अतः पूर्व में आवंटित धनराशि के सापेक्ष अवशेष धनराशि ₹ 261.50 लाख (रु० दो करोड़ इक्सठ लाख पचास हजार मात्र) का आवंटन 2701-नहरों, बांधों, बैराज, जलाशयों, झीलों एवं झीलों से सम्बद्ध नालों का अनुरक्षण मद के अन्तर्गत विशेष अनुरक्षण कार्य हेतु मुख्य अभियन्तावार/लेखाशीर्षकवार/योजनावार/खण्डवार निम्नानुसार किया जाता है:-

धनराशि लाख रु० में

क्र सं	मद/लेखाशीर्षक/मुख्य अभियन्ता/खण्ड का नाम	आवंटित धनराशि
	मुख्य अभियन्ता स्तर-2, हल्द्वानी	
	सिंचाई खण्ड, सितारगंज	
1	जनपद ऊधमसिंह नगर के विकासखण्ड खटीमा में दि० 7.7.24 व 8.7.24 को हुई अतिवृष्टि से इनकट माईनर के कि०मी० 2.00 में स्थित क्षतिग्रस्त एक्वाडक्ट के पुनर्निर्माण का कार्य। (रीच 1.790-1.820)	1.98
2	खटीमा में एस०आर० मद के अन्तर्गत नहर सं०-01 की मरम्मत का कार्य। रीच किमी० 0.320 से किमी० 0.550 किमी० तक।	1.00
3	खटीमा में एस०आर० मद के अन्तर्गत नहर सं०-01 की मरम्मत का कार्य। रीच किमी० 8.300 से किमी० 8.500 किमी० तक।	1.00
4	खटीमा में एस०आर० मद के अन्तर्गत श्रीपुर बिघुवा नहर की तली के मरम्मत का कार्य। रीच किमी० 1.020 से किमी० 1.930 किमी० तक।	0.50
5	खटीमा में एस०आर० मद के अन्तर्गत नहर सं०-02 की तली के मरम्मत का कार्य। रीच किमी० 1.020 से किमी० 1.930 किमी० तक।	0.50
6	एस०आर० मद के अन्तर्गत खटीमा में नहर सं०- 07 की मरम्मत का कार्य। किमी० 4.350 से किमी० 4.780 किमी० तक।	0.50
7	एस०आर० मद के अन्तर्गत खटीमा में नहर सं०- 08 की मरम्मत का कार्य। किमी० 1.580 से किमी० 2.075 किमी० तक।	1.00
8	एस०आर० मद के अन्तर्गत खटीमा में नहर सं०- 09 की मरम्मत का कार्य। किमी० 0.560 से किमी० 1.060 किमी० तक।	0.50
	योग सिंचाई खण्ड, सितारगंज	6.98
	सिंचाई खण्ड, रामनगर	
1	विशेष मरम्मत मद के अन्तर्गत जिला नैनीताल के विकासखण्ड रामनगर में, मोतीपुर माईनर की क्षतिग्रस्त भागों की मरम्मत का कार्य (रीच कि०मी० 1.610 से 1.960 कि०मी० के मध्य)।	1.24

क्र. सं.	मद/लेखाशीर्षक/मुख्य अभियन्ता/खण्ड का नाम	आवंटित धनराशि
	सिंचाई खण्ड, नैनीताल	
1	विशेष मरम्मत मद के अन्तर्गत पाडली टेल गूल नहर मरम्मत का कार्य।	1.00
2	विशेष मरम्मत मद के अन्तर्गत तहसील कुश्याकुटोली में शिप्रा नदी में स्थित बोल्टर तोड़ने का कार्य।	1.00
3	विशेष मरम्मत मद के अन्तर्गत बेल तल्ला नहर का मरम्मत कार्य।	1.00
4	विशेष अनुरक्षण मद के अन्तर्गत तहसील बेतालघाट में स्थित जोशीखोला (ब्रांच-2) नहर में मरम्मत कार्य (रीच-किमी० 0.300 से किमी० 0.400 तक)	0.50
5	विशेष अनुरक्षण मद के अन्तर्गत तहसील बेतालघाट में स्थित जोशीखोला नहर में क्षतिग्रस्त गूल का मरम्मत कार्य	0.50
6	विशेष मरम्मत मद के अन्तर्गत पोखराड़-1 नहर का मरम्मत कार्य।	0.50
7	विशेष मरम्मत मद के अन्तर्गत जोषियाधूना सिंचाई पाईप लाइन का मरम्मत का कार्य। (रीच 0.00 से किमी० 0.300 तक)	1.00
8	विशेष मरम्मत मद के अन्तर्गत सलड़ी अपर नहर पर निर्मित सलड़ी गूल का मरम्मत कार्य।	0.50
9	विशेष मरम्मत मद के अन्तर्गत बुडलाकोट नहर का मरम्मत का कार्य। (रीच 0.00 से किमी० 0.500 तक)	0.50
	योग सिंचाई खण्ड, नैनीताल	6.50
	मुख्य अभियन्ता स्तर-2, हल्द्वानी	51.42
	मुख्य अभियन्ता स्तर-2, अल्मोडा	
	सिंचाई खण्ड, पिथौरागढ़	
1	सिंचाई खण्ड, पिथौरागढ़ के उपखण्ड डीडिहाट के अन्तर्गत तडीगांव नहर (रीच 1.500 - 1.800 कि०मी०) के मरम्मत की प्रायोजना।	1.93
2	खरचौड़ नहर (रीच 0.00 किमी० से 0.450 किमी० के मध्य)	1.00
3	गुनाकिटाण नहर (रीच 0.00 किमी० से 0.300 किमी० के मध्य)	0.50
4	मनोली सेरा नहर (रीच 0.100 किमी० से 0.400 किमी० के मध्य)	0.50
5	सिरसोली नहर (रीच 0.075 किमी० से 0.200 किमी० के मध्य)	0.50
6	झीमडकोट नहर (रीच 0.00 किमी० से 0.100 किमी० के मध्य)	0.50
	योग सिंचाई खण्ड, पिथौरागढ़	4.93
	सिंचाई खण्ड, धारचूला	
1	जनपद पिथौरागढ़ के विकासखण्ड मुन्स्यारी के अन्तर्गत खुनखुनिया नहर का मरम्मत कार्य। (रीच किमी० 0.200 से किमी० 1.00)	1.00
2	जनपद पिथौरागढ़ के विकासखण्ड मुन्स्यारी के अन्तर्गत रुइसपाटा नहर का मरम्मत कार्य। (रीच किमी० 0.00 से किमी० 0.500)	0.50
3	जनपद पिथौरागढ़ के विकासखण्ड मुन्स्यारी के अन्तर्गत खतेड़ा नहर का मरम्मत कार्य। (रीच किमी० 0.400 से किमी० 0.700)	0.50
4	जनपद पिथौरागढ़ के विकासखण्ड मुन्स्यारी के अन्तर्गत खेतभरार नहर का मरम्मत कार्य। (रीच किमी० 0.00 से किमी० 0.500)	0.50

**NAME OF WORK : Strengthening work of Khunkhuniya minor in
Munsyari block , Pithoragarh district under Special Repair Head. (**
Reach km 0.200 to km 1.00)

ABSTRACT OF COST

S.No.	Description of Work	Amount in Rs	
1	NAME OF WORK : Strengthening work of Khunkhuniya minor in Munsyari block , Pithoragarh district under Special Repair Head. (Reach km 0.200 to km 1.00)	99984.39	
	Say	1.00	Lakhs


Assistant Engineer
Irrigation Division
Dharchula

Executive Engineer
Irrigation Division
Dharchula

NAME OF WORK : Strengthening work of Khunkhuniya minor in Munsyari block , Pithoragarh district under Special Repair Head. (Reach
km 0.200 to km 1.00)

S.No.	Items in work	No	DETAILS OF MEASUREMENT			E-Work in excavation (Cum)	P.C.C 1:3:6 (Cum)	R.R 1:6 stone masonry (Cum)	R.R 1:5 stone masonry (Cum)	Dry stone masonry (Cum)	R.B.M Filling (Cum)	slip clearance (cum)	Grass trimming (sqm)
			Length (m)	Width (m)	Height (m)								
1	2	3	4	5	6	7	8	9	10	11	12		13
1	Trimming of grass and weeds from the shoulders/berms and disposing off the same to suitable locations as per technical specifications Clause 1914	1	800	1.3 + 1.1 / 2	-								960
2	Excavation in foundation for retaining, breast walls etc, in all types of soils and rocks including all lead, lift and disposal of surplus material as per direction of engineer - in - charge, as per drawing and technical specifications Clause 1914	1	0.5	3.00	1.10	2.48							

[Signature]

Junior Engineer

[Signature]
Assistant Engineer

3	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) for bed of R/Wall	1	1	3.00	1.10	0.10	0.33									
4	Stone masonry in cement mortar for substructure complete as per drawing & technical specification Clauses 702, 704, 1202 and 1204. Random rubble masonry. In cement mortar (1:6) for retaining wall.	1	1	3.00	1.10 + 0.60	1.50		3.83								
5	Hand Packed stone filling in back of walls including cost of all materials, royalty, T&P etc. complete as per direction of Engineer-in-charge. (As per PWD Uttarakhand specification)	1	1	3.00	0.40 + 0.20	1.50								1.35		
6	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) for bed of channel.	1	1	12.00	0.80	0.10	0.96									


Junior Engineer

[illegible]

Junior Engineer

Assistant Engineer

SCHEDULE OF RATE

NAME OF WORK : Strengthening work of Khunkhuniya minor in Munsyari block , Pithoragarh district under Special Repair Head. (Reach km 0.200 to km 1.00)

Block - 49 Munsairy **District - Pithoragarh** **Effective Date- 24-08-2024** **Index rate: 30mtr to 1KM distance**

S O R Item No.	Item Of Work	Rate in Rs	index rate (%)	index amount	Total amount	Unit
MISCELLANEOUS 1-2	Excavation in foundation for retaining, breast walls etc, in all types of soils and rocks including all lead, lift and disposal of surplus material as per direction of engineer - in - charge, as per drawing and technical specifications Clause 305.1 of MORD Specification	544.90	0.00	0.00	544.90	Cum
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)	7865.00	5.00	393.25	8258.25	Cum
MISCELLANEOUS 1-4	R.R.Stone masonry in 1:6 cement and sand mortar in breast wall, retaining walls, parapets,scuppers,etc. complete as per drawing & technical specification Clauses 702, 704, 1202 and 1203.	4866.90	1.00	48.67	4915.57	Cum
MoRD 12-4-3-3	Stone masonry in cement mortar for substructure complete as per drawing & technical specification Clauses 702, 704, 1202 and 1204. Random rubble masonry. In cement mortar (1:5)	5471.60	1.00	54.72	5526.32	Cum
MISCELLANEOUS 1-3	R.R.Stone masonry laid Dry, breast wall, retaining walls, parapets,scuppers,etc. complete as per drawing & technical specification Clauses 702, 704, 1202 and 1203.	2752.80	0.00	0.00	2752.80	Cum
MISCELLANEOUS 1-5	Hand Packed stone filling in back of wallis including cost of all materials, royalty, T&P etc. complete as per direction of Engineer-in- charge. (As per PWD Uttarakhand specificatio	1223.80	0.00	0.00	1223.80	Cum
MoRD 15-12-3	Trimming of grass and weeds from the shoulders/berms and disposing off the same to suitable locations as per technical specifications Clause 1914	4.50	0.00	0.00	4.50	sqm
MISCELLANEOUS 1-10-3	Slip clearance (by manual means) of loose earth and other small materials including disposal as directed by the engineer in charge	324.00	0.00	0.00	324.00	cum

Kater checked

Junior Engineer
Irrigation Division
Dharchula

Assistant Engineer
Irrigation Division
Dharchula

Executive Engineer
Irrigation Division
Dharchula



PWD UTTARAKHAND
SCHEDULE OF RATES

SOR :- MISCELLANEOUS
For Block 49 Munslari

Year :- 2024-25
Effective From:-24-08-2024

Sl. No.	Description	Rate	Unit
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CHAPTER-1 - General Items

1-1	Earthwork in Hill Road (Hill Side Cutting)		
1-1-1	Excavation in soil in Hilly Area by mechanical means		
1-1-1-A	Excavation in soil in Hilly Area by mechanical means Without using Dozer including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5 m and a lead upto 20 m as per Technical Specification Clause 1603.1	88.60	Cum
1-1-1-B	Extra for Every Additional Lift of 1.5 m or Part thereof	35.90	Cum
1-1-2	Excavation in Hilly Areas in Ordinary Rock by mechanical means not requiring blasting (With out Dozer) Excavation in hilly area in ordinary rock not requiring blasting by mechanical means without using Dozer including cutting and trimming of slopes and disposal of cut material with a lift upto 1.5 m and lead upto 20 m as per Clause 1603.2.	142.70	Cum
1-1-3	Excavation in Hilly Areas in Hard Rock requiring blasting		
1-1-3-A	Excavation in hilly areas in hard rock requiring blasting, by mechanical means without using Dozer, lift upto 1.5 m and disposal of excavated rock upto a lead of 20 m as per Clause 1603.2.	337.40	Cum
1-1-3-B	Extra for Every Additional Lift of 1.5 m or Part thereof	70.60	Cum
1-2	Excavation in foundation for retaining, breast walls etc, in all types of soils and rocks including all lead, lift and disposal of surplus material as per direction of engineer - in - charge, as per drawing and technical specifications Clause 305.1 of MORD Specification	544.90	Cum
1-3	Random Rubble Stone Masonry laid Dry, in breast walls, retaining walls, etc. including supply of all material, labour, T&P and royalties etc. complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 of MORD Specification	2,752.80	Cum
1-4	Random Rubble Stone Masonry laid in 1:6 cement and sand mortar, in breast walls, retaining walls, parapets, scuppers, etc. including supply of all material, labour, T&P and royalties etc. complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 of MORD Specification	4,866.90	Cum
1-5	Hand Packed stone filling in back of walls including cost of all materials, royalty, T&P etc. complete as per direction of Engineer-in- charge. (As per PWD Uttarakhand specifications)	1,223.80	Cum
1-6	Construction of coolie walling including supply of all material, labour, T&P etc. required for proper completion of the work as per direction of Engineer-in- charge. (As per PWD Uttarakhand specifications)	1,880.40	Cum
1-7	Providing and laying of wire crates 3.00x1.50x1.50 in size with GI wire conforming to IS: 280 & IS:4826 in 150mm x 150mm mesh laid with stone boulders, as per direction of Engineer-in- charge. (As per PWD Uttarakhand specifications)		
1-7-1	GI wire 10 gauge BWG	2,287.10	Cum
1-7-2	GI wire 8 gauge BWG	2,484.10	Cum



PWD UTTARAKHAND
SCHEDULE OF RATES

SOR :- MISCELLANEOUS
For Block 49 Munslari

Year :- 2024-25
Effective From:-24-08-2024

Sl. No.	Description	Rate	Unit
1-8	Providing and Laying of Mechanically Woven Double Twisted Hexagonal shaped Gabions (Zinc plus PVC coated), of size 3mX1mX1m with two diaphragms at 1m interval, having mesh opening 100mmx120 mm, mesh wire diameter 2.7mm/3.7mm, edge/selvedge wire diameter 3.4/4.4 mm and lacing wire diameter 2.2/3.2 mm. (The work includes filling boulders in the gabions).	9,616.40	No.
1-9	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).	9,416.40	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.	72.60	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.	118.70	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.	324.00	Cum
1-10-4	Slip clearance (by manual means) of earth and boulders including disposal complete as directed by the Engineer-in-charge.	324.40	Cum
1-10-5	Slip clearance (by manual means) of boulders only including disposal complete as directed by the Engineer-in-charge.	347.50	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.	79.70	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	319.00	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	776.70	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	59.60	Nos



PWD UTTARAKHAND
SCHEDULE OF RATES

SOR :- MORD

For Block 49 Munslari

Year :- 2024-25

Effective date :- 24-08-2024

Sl. No.	Description	Rate	Unit
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Chapter 11 - FOUNDATION

11-1	Excavation for Structures 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	544.90	Cum
11-1-1-2	3 m to 6 m depth	647.00	Cum
11-1-2	Ordinary rock (not requiring blasting) Upto 3 m depth	681.10	Cum
11-1-3	Hard rock (requiring blasting) Upto 3 m depth including 1.5 m depth in hard rock	1019.10	Cum
11-1-4	Hard rock (blasting prohibited) Upto 3 m depth including 1.5 m depth in hard rock	858.00	Cum
11-1-5	Marshy soil	1021.60	Cum
11-2	Filling in foundation trenches as per drawing and technical specification Clause 305.3.9		
11-2-1	Sand filling	2933.90	Cum
11-2-2	Earth filling (For marshy soil)	349.80	Cum
11-3	Filling annular space around footing in rock as per technical specification Clause Rate as Per Item no. 11-4-2 1203.4.3. 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	7704.30	Cum
11-4-1-2	Nominal mix 1:3:6 (Hand mixing)	7865.00	Cum
11-4-2	P.C.C grade M 15		
11-4-2-1	Nominal mix 1:2.5:5	7580.60	Cum
11-4-2-2	Nominal mix 1:2.5:5 (Hand mixing)	7741.30	Cum
11-4-3	P.C.C. grade M 20		
11-4-3-1	Nominal mix 1:2:4	8617.60	Cum
11-4-3-2	Nominal mix 1:2:4 (Hand mixed)	8778.30	Cum
11-4-4	R.C.C grade M 20	9457.90	Cum
11-4-5	R.C.C. grade M 25	10014.60	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	11217.30	Cum
11-5-2	Brick masonry in 1:4 cement mortar	10894.60	Cum
11-5-3	Brick masonry in cement-lime-mortar (1:0.5:4.5)	11624.00	Cum



PWD UTTARAKHAND
SCHEDULE OF RATES

SOR :- MORD
For Block 49 Munsiri

Year :- 2024-25
Effective date :- 24-08-2024

Sl. No.	Description	Rate	Unit
Chapter 12 - SUBSTRUCTURE			
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		
		11791.80	Cum
12-1-1	In 1:3 cement mortar	11450.80	Cum
12-1-2	In 1:4 Cement mortar	11267.10	Cum
12-1-3	In 1:5 cement mortar	12221.60	Cum
12-1-4	In cement lime mortar (1:0.5:4.5)		
12-2	Pointing with cement mortar (1:3) on brickwork as per drawing and technical specification Clauses 613.3 and 1204	110.30	Sqm
12-3	Plastering with cement mortar (1:4), 15 mm thick on brickwork in substructure as per technical specification Clauses 613.4 & 1204	274.80	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 the labour.</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	6953.20	Cum
12-4-1-2	In 1:4 cement mortar	6526.90	Cum
12-4-1-3	In cement mortar (1:5)	6074.30	Cum
12-4-1-4	In cement lime mortar (1:0.5:4.5)	7490.50	Cum
12-4-2	Coursed Rubble masonry (2nd sort)		
12-4-2-1	In 1:3 cement mortar	6552.40	Cum
12-4-2-2	In 1:4 cement mortar	6066.50	Cum
12-4-2-3	In cement mortar (1:5)	5835.60	Cum
12-4-2-4	In cement lime mortar (1:0.5:4.5)	7183.20	Cum
12-4-3	Random rubble masonry		
12-4-3-1	In 1:3 cement mortar	6188.40	Cum
12-4-3-2	In 1:4 cement mortar	5722.50	Cum
<u>12-4-3-3</u>	In cement mortar (1:5)	<u>5471.60</u>	Cum
12-4-3-4	In cement lime mortar (1:0.5:4.5)	6817.20	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 (For height upto 5 m)		
12-5-1	P.C.C grade M 15		
12-5-1-1	Nominal mix (1:2.5:5)	8017.90	Cum
12-5-1-2	Nominal mix 1:2.5:5 (Hand mixing)	8187.90	Cum
12-5-2	P.C.C. grade M 20		
12-5-2-1	Nominal mix (1:2:4)	9114.70	Cum
12-5-2-2	Nominal mix 1:2:4 (Hand mixed)	9284.80	Cum



PWD UTTARAKHAND
SCHEDULE OF RATES

SOR :- MORD

For Block 49 Munsiari

Year :- 2024-25

Effective date :- 24-08-2024

Sl. No.	Description	Rate	Unit
15-12-3	Trimming of grass and weeds from the shoulders/berms and disposing off the same to suitable locations as per technical specifications Clause 1914	4.50	Sqm
15-13	White washing of parapet walls of CD work and tree trunks White washing two coats on parapet walls and tree trunks including preparation of surface by cleaning scraping etc. as per technical specifications Clause 1915	29.30	Sqm
15-14	Periodical Renewal to existing bituminous surface		
15-14-1	Open graded Premix carpet 20 mm thick 1) Tack coat 2) Pre-mix carpet using bituminous (penetration grade modified bitumen) binder Or Premix carpet using bitumen Emulsion 3) Seal coat Type A, B or C	Rates as per item 5-2-2 Rates as per item No. 5-9 Rates as per item No. 5-10 Rates as per item No. 5-11	
15-14-2	Surface dressing single coat/first coat or 2nd coat	Rates as per item No. 5-6	

BILL OF QUANTITY

NAME OF WORK : Strengthening work of Khunkhuniya minor in Munsyari block , Pithoragarh district under Special Repair Head. (Reach km 0.200 to km 1.00)

Block :- Munsairy

District : Pithoragarh

No.	Reference to SOR	Item of Work	Quantity	Unit	Rate in Rs	Amount in Rs
	MISCELLANEOUS 1-2	Excavation in foundation for retaining, breast walls etc, in all types of soils and rocks including all lead, lift and disposal of surplus material as per direction of engineer - in - charge, as per drawing and technical specifications Clause 305.1 of MORD Specification	4.43	Cum	544.90	2413.91
	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)	1.29	Cum	8258.25	10653.14
	MoRD 12-4-3-3	Stone masonry in cement mortar for substructure complete as per drawing & technical specification Clauses 702, 704, 1202 and 1203. Random rubble masonry in cement sand mortar (1:5)	1.80	Cum	5526.32	9947.38
	MISCELLANEOUS 1-3	R.R.Stone masonry laid dry in breast wall, retaining walls, parapets,scuppers,etc. complete as per drawing & technical specification Clauses 702, 704, 1202 and 1203.	3.08	Cum	2752.80	8478.62
	MISCELLANEOUS 1-4	R.R.Stone masonry in 1:6 cement and sand mortar in breast wall, retaining walls, parapets,scuppers,etc. complete as per drawing & technical specification Clauses 702, 704, 1202 and 1203.	3.83	Cum	4915.57	18826.63
	MISCELLANEOUS 1-5	Hand Packed stone filling in back of walls including cost of all materials, royalty, T&P etc. complete as per direction of Engineer-in- charge. (As per PWD Uttarakhand specification)	1.35	Cum	1223.80	1652.13
	MoRD 15-12-3	Trimming of grass and weeds from the shoulders/berms and disposing off the same to suitable locations as per technical specifications Clause 1914	960.00	sqm	4.50	4320.00
	MISCELLANEOUS 1-10-3	Slip clearance (by manual means) of loose earth and other small materials including disposal as directed by the engineer in charge	87.78	cum	324.00	28440.72
					Total	84732.53
					Add 18% G.S.T.	15251.86
					Grand Total	99984.39
					Say	1.00
						Lakhs

Senior Engineer
Irrigation Division
Dharchula

Assistant Engineer
Irrigation Division
Dharchula

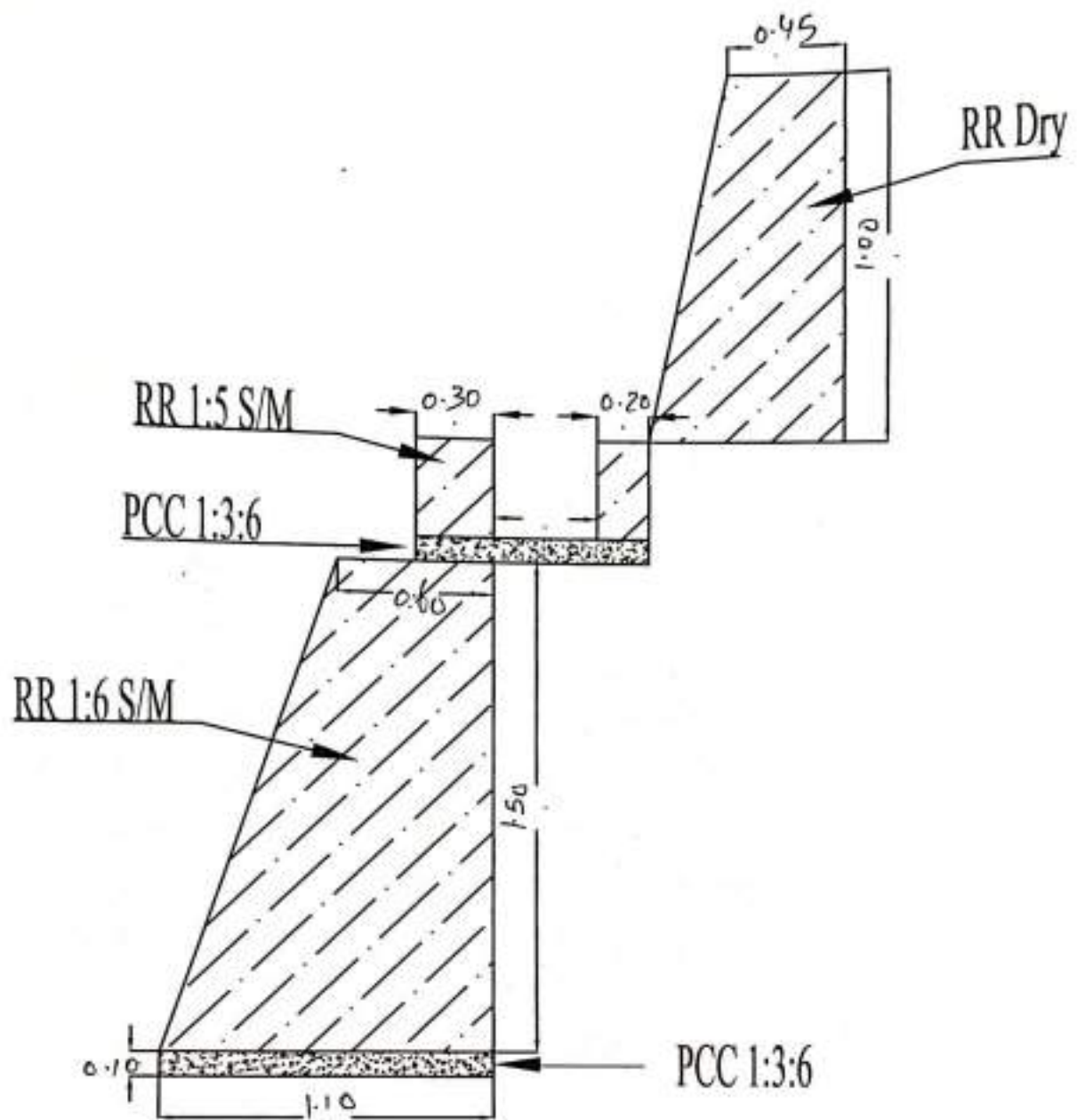
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Executive Engineer
Irrigation Division
Dharchula

राजसन्तदेश संख्या E File No. 28475/IRR 2-1/1.1/11/2022-II-2-Irrigation and Minor Irrigation Department/I/ 275260/2025 दिनांक 13.02.2025 एवं कार्यालय प्रमुख अभियन्ता (वजेट अनुभाग) सिंचाई विभाग, उत्तराखण्ड, देहरादून के पत्रांक संख्या 125/प्र0310/सि0110/वजेट/41-1(आवंटन)/कैम्प दिनांक 22.02.2025 द्वारा अनुदान सं0-20 के राजस्व लेखा के मुख्य लेखाशीर्षक 2701 एवं 2711 के विभिन्न मदों के अन्तर्गत वित्तीय वर्ष 2024-25 हेतु जनपद पिथौरागढ़ के विकासखण्ड मुनस्यारी के अन्तर्गत खुनखुनिया नहर का मरम्मत कार्य (सिंच किमी0 0.200 से किमी0 1.00) का प्राविधिक आगमन की कुल लागत रु0 1.00 लाख (रु0 एक लाख मात्र) की प्राविधिक स्वीकृति इस प्रतिबन्ध के साथ प्रदान की जाती है कि स्वीकृत योजना के क्रियान्वयन के समय उक्त पत्र द्वारा दिये गये निर्देशों/शर्तों का पालन करते हुए स्वीकृत योजना में प्राविधानित राशि से किसी भी दशा में व्ययविवरण न किया जाए।

उक्त प्राविधिक स्वीकृति इस कार्यालय के प्राविधिक रजिस्टर में क्रम संख्या- 25/EE/2024-25 दिनांक 04.03.2025 में अंकित की गयी है।

अधिरासी अभियन्ता
सिंचाई खण्ड, धारचूला।

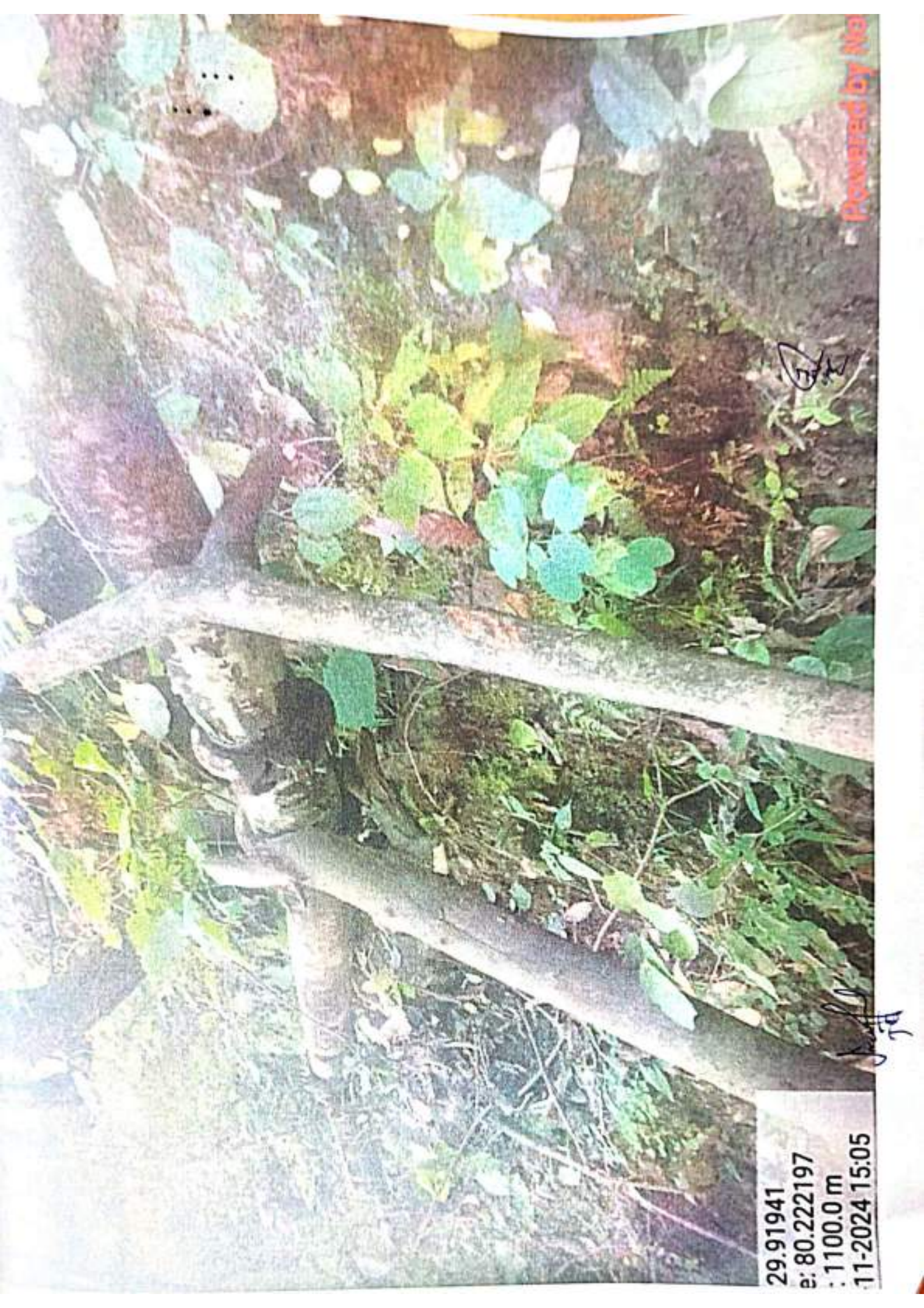


Proposed work for Minor

[Signature]
Junior Engineer

[Signature]
Assistant Engineer

Executive Engineer



Powered by No

J. H.

J. H.

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