




प्रारूप-52


परियोजना विवरण :- जनपद टिहरी गढ़वाल के विधान सभा क्षेत्र देवप्रयाग के अंतर्गत ग्राम डोभ के उपग्राम पाटियों हेतु गौमुख से मोटर मार्ग का नव निर्माण कार्य (लम्बाई 0.500 कि०मी०)।

प्रस्तावित परियोजना के लिये प्रत्यावर्तित की जाने वाली वन भूमि का आर०सी०सी० पिलरों द्वारा सीमांकन का प्राक्कलन प्रमाणित किया जाता है कि प्रस्तावित वन भूमि के सीमांकन/सर्वेक्षण हेतु आने वाले व्यय का भुगतान वन विभाग के पक्ष में किया जायेगा।


कनिष्ठ अभियन्ता
अ०ख० लो०नि०वि० श्रीनगर
मु० कीर्तिनगर।


सहायक अभियन्ता
अ०ख० लो०नि०वि० श्रीनगर
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अधिशाली अभियन्ता
अ०ख० लो०नि०वि० श्रीनगर
मु० कीर्तिनगर।


जन कल्याण
टिहरी राजि
18/11/20

उत्तराखण्ड शासन

लोक निर्माण विभाग



उत्तराखण्ड सरकार

8वां वृत्त, लोक निर्माण विभाग
नई टिहरी

अस्थाई खण्ड, लो०नि०वि० श्रीनगर
मुख्यालय-कीर्तिनगर

“आर०सी०सी० पिलरों द्वारा सीमांकन का
_____”

कार्य का नाम:—

जनपद टिहरी गढ़वाल के विधान सभा क्षेत्र देवप्रयाग के अंतर्गत ग्राम डोभ के उपग्राम पाटियों हेतु गौमुख से मोटर मार्ग का नव निर्माण कार्य (लम्बाई 0.500 कि०मी०)।

लागत:—

Rs. 0.16 लाख



PWD UTTARAKHAND
SCHEDULE OF RATES

SOR :- MISCELLANEOUS
For Block 21 Devprayag

Year :- FY. 2019-20
Effective From:-01-May-2019

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	63.10	Cum
1-1-1-B	Extra for Every Additional Lift of 1.5 m or Part thereof	21.70	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.	96.10	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.	255.40	Cum
1-1-3-B	Extra for Every Additional Lift of 1.5 m or Part thereof	42.70	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	329.50	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	1,810.60	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	3,237.90	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)	750.50	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)	1,186.00	Cum



PWD UTTARAKHAND
SCHEDULE OF RATES

SOR :- MORD

For Block 21 Devaprayag

Year :- FY. 2019-20

Effective From:-01-May-2019

Sl. No.	Description	Rate	Unit
Chapter 13 - SUBSTRUCTURE			
13-1	Providing and laying reinforced cement concrete in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5		
13-1-1	R.C.C grade M 20		
13-1-1-1	For nominal mix 1:2:4		
13-1-1-1-A	Height upto 5m	7466.50	Cum
13-1-1-1-B	Height 5m to 10 m	7777.60	Cum
13-1-1-1-C	Height above 10m	8088.70	Cum
13-1-1-2	For nominal mix 1:2:4 (Hand mixed)		
13-1-1-2-A	Height upto 5m	7495.30	Cum
13-1-1-2-B	Height 5m to 10m	7807.60	Cum
13-1-1-2-C	Height above 10m	8119.90	Cum
13-1-1-3	For Design Mix RCC M-20		
13-1-1-3-A	Height upto 5m	7302.40	Cum
13-1-1-3-B	Height 5m to 10 m	7606.60	Cum
13-1-1-3-C	Height above 10m	7910.90	Cum
13-1-2	R.C.C M 25		
13-1-2-A	Height upto 5m	7876.70	Cum
13-1-2-B	Height 5m to 10 m	8204.90	Cum
13-1-2-C	Height above 10m	8533.00	Cum
13-1-3	R.C.C M 30		
13-1-3-A	Height upto 5m	8122.80	Cum
13-1-3-B	Height 5m to 10 m	8461.20	Cum
13-1-3-C	Height above 10m	8799.70	Cum
13-2	Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002, 1010 and 1202	61209.20	Tonne
13-3	Supplying, fitting, and placing TMT bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002, 1010 and 1202	61209.20	Tonne
13-4	Supplying, fitting, and placing MS bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002, 1010 and 1202	46594.20	Tonne
13-5	Providing and laying cement concrete wearing course M 30 grade including reinforcement complete as per drawing and technical specifications Clauses 800 and 1206.3	11910.50	Cum
13-6	Construction of R.C.C. railing of M 25 grade in cast-in-situ with 20 mm nominal size aggregate, true to line and grade, tolerance of vertical railing post not to exceed 1 in 500, centre-to-centre spacing between vertical posts not to exceed 2000 mm as per drawing and technical specifications Clauses 800, 900 and 1208.3	2691.50	Rmt

13.0 FINISHING

Code No.	Description	Unit	Rate ₹
Note :- Rates for external plastic are for height upto 10m from ground level in less otherwise stated.			
CEMENT PLASTER (IN FINE SAND)			
13.1	12 mm cement plaster of mix :		
13.1.1	1:4 (1 cement: 4 fine sand)	sqm	172.95
13.1.2	1:6 (1 cement: 6 fine sand)	sqm	160.35
13.2	15 mm cement plaster on the rough side of single or half brick wall of mix :		
13.2.1	1:4 (1 cement: 4 fine sand)	sqm	200.25
13.2.2	1:6 (1 cement: 6 fine sand)	sqm	185.20
13.3	20 mm cement plaster of mix :		
13.3.1	1:4 (1 cement: 4 fine sand)	sqm	240.15
13.3.2	1:6 (1 cement: 6 fine sand)	sqm	220.60
CEMENT PLASTER (IN COARSE SAND)			
13.4	12 mm cement plaster of mix :		
13.4.1	1:4 (1 cement: 4 coarse sand)	sqm	180.85
13.4.2	1:6 (1 cement: 6 coarse sand)	sqm	168.25
13.5	15 mm cement plaster on rough side of single or half brick wall of mix:		
13.5.1	1:4 (1 cement: 4 coarse sand)	sqm	209.65
13.5.2	1:6 (1 cement: 6 coarse sand)	sqm	194.60
13.6	20 mm cement plaster of mix :		
13.6.1	1:4 (1 cement: 4 coarse sand)	sqm	252.40
13.6.2	1:6 (1 cement: 6 coarse sand)	sqm	232.85
CEMENT PLASTER WITH A FLOATING COAT OF NEAT CEMENT			
13.7	12 mm cement plaster finished with a floating coat of neat cement of mix :		
13.7.1	1:3 (1 cement: 3 fine sand)	sqm	226.80
13.7.2	1:4 (1 cement: 4 fine sand)	sqm	214.20
13.8	15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix :		
13.8.1	1:3 (1 cement: 3 fine sand)	sqm	256.55
13.8.2	1:4 (1 cement: 4 fine sand)	sqm	241.50
13.9	Cement plaster 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement.		
13.9.1	12 mm cement plaster	sqm	234.70
13.9.2	20 mm cement plaster	sqm	313.25

[Signature]

[Signature]

Analysis of Rate

Name Of Work: जनपद टिहरी गढ़वाल के विधान सभा क्षेत्र देवप्रयाग के अंतर्गत ग्राम डोभ के उपग्राम पाटियों हेतु गौमुख से मोटर मार्ग का नव निर्माण कार्य (लम्बाई 0.500 कि०मी०)।

Block: Devprayag

SN	Description	Rate	Unit
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	Cum	Rs. 329.50
	Lime & Coal in foundation of Rcc Pillar	L.S.	Rs. 700.00
13-1-1-2-A	Providing and laying reinforced cement concrete in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5 For nominal mix 1:2:4 (Hand mixed)	Cum	Rs. 7,495.30
13-3	Supplying, fitting, and placing TMT bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002, 1010 and 1202	Tonne	Rs. 61,209.20
13.4.1	12 mm cement plaster of mix : 1:4 (1 cement: 4 coarse sand)	Sqm	Rs. 180.85
	Letter writing on RCC Pillar	L.S.	Rs. 250.00
	Supply of water & contingency etc (cartage)	L.S.	Rs. 400.00


J.E.



Assistant Engineer
Temp. Div. P.W.D.
Kirtinagar

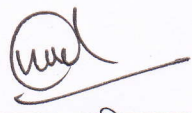

Executive Engineer
Temp. Div. P.W.D.
Kirtinagar


Details of Measurment & Bill of Qty

परियोजना विवरण :- जनपद टिहरी गढ़वाल के विधान सभा क्षेत्र देवप्रयाग के अंतर्गत ग्राम डोभ के उपग्राम पाटियों हेतु गौमुख से मोटर मार्ग का नव निर्माण कार्य (लम्बाई 0.500 कि०मी०)।

क्र० सं०	कार्य का नाम	इकाई / सं०	नपत मीटर में			मात्रा	इकाई	दर (रु० में)	धनराशि (रु० में)	SOR ITEM No.
			ल०	चौ०	उ०					
1	आर०सी०सी० पिलर निर्माण हेतु बुनियाद खेदना	4	1.00	0.50	0.70	1.40	घन मी०	329.50	461.30	1-2
2	आर०सी०सी० पिलर के बस पर चूना व कोयला डालना	4	-	-	-	1Job	L.S	700.00	2,800.00	L.S
3	1:2:4 सीमेंट मसाले में आर०सी०सी० पिलर निर्माण।	4	1.00	0.50	0.10	0.20	घन मी०	7495.30	4,722.04	13-1-1-2-A
			0.30	0.30	1.20	0.43				
					योग-	0.63				
4	आर०सी०सी० कार्य हेतु सरिया कट करना	1	0.63x78.50x1%			0.049	टन	61209.20	2,999.25	13-3
5	पिलर में 1:4 मसाले प्लास्टर कार्य	4x4	0.30	-	1.20	5.76	वर्ग मी०	180.85	1,106.80	13.4
		4	0.30	0.30	-	0.36				
					योग-	6.12				
6	पिलर पर पिलर संख्या आदि लिखना	4	-	-	-	-	L.S	250.00	1,000.00	L.S
7	पानी की दुलाई आदि / आकस्मिक	4	-	-	-	-	L.S	400.00	1,600.00	L.S
	कुल योग							योग-	14,689.39	


कनिष्ठ अभियन्ता
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सहायक अभियन्ता
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अधिशाली अभियन्ता
अ०ख० लो०नि०वि० श्रीनगर
मु० कीर्तिनगर।

आगणन की लागत का सारांश

कार्य का नाम:— जनपद टिहरी गढ़वाल के विधान सभा क्षेत्र देवप्रयाग के अंतर्गत ग्राम डोभ के उपग्राम पाटियों हेतु गौमुख से मोटर मार्ग का नव निर्माण कार्य (लम्बाई 0.500 कि०मी०)।

क्रम सँ०	विवरण	लागत (रु०में)
1	जनपद टिहरी गढ़वाल के विधान सभा क्षेत्र देवप्रयाग के अंतर्गत ग्राम डोभ के उपग्राम पाटियों हेतु गौमुख से मोटर मार्ग का नव निर्माण कार्य (लम्बाई 0.500 कि०मी०)।	Rs.14,689.39
	Add (CGST 6% + SGST 6%) = Total GST 12%	Rs.1,762.73
	योग	Rs.16,452.12
	अर्थात् लाख रु० में	Rs.0.16



कनिष्ठ अभियन्ता
अ०ख०, लो०नि०वि० श्रीनगर
मुख्यालय—कीर्तिनगर



सहायक अभियन्ता
अ०ख०, लो०नि०वि० श्रीनगर
मुख्यालय—कीर्तिनगर



अधिशासी अभियन्ता
अ०ख०, लो०नि०वि० श्रीनगर
मुख्यालय—कीर्तिनगर

जन क्षत्राधिकार
टिहरी राजि
नह निष्कर्ष