BARHATAL RURAL MUNICIPALITY OFFICE OF THE RURAL MUNICIPAL EXECUTIVE

Rate analysis

Norms No. Type Unit Qty. Rate Amount Type Unit Qty. Rate Amount Type Unit 9.01.a Sub total of A = 0.00 Sub total of B = 12.61 Total (I=A+B+C): 31.95 Overhead (15%) 4.80 Total Description of works: Road way excavation in hard soil /BMS including disposal upto 10 m and lift upto 1.5 m etc. all complete as per specification by hydraulic excapacity. Spec. cl. No: 905	Equipment (C) Qty. Rate	19.34 19.34 19.34 19.34 19.34 Amount			
Norms No. Type	Qty. Rate	19.34 19.34 5.75 Unit: m3			
9.01.a Control of Works: Control of Works Co	0.0104 1858.80 Sub total of C = 36 36 36 36 Cavator upto 0.8 m3 Equipment (C) Qty. Rate	19.34 19.34 5.75 Unit: m3			
Sub total of A = 0.00 Sub total of B = 12.61 Total (I=A+B+C): 31.95 Overhead (15%) 4.80 Total Description of works: Road way excavation in hard soil /BMS including disposal upto 10 m and lift upto 1.5 m etc. all complete as per specification by hydraulic excapacity. Spec. cl. No: 905 Norms No. Type Unit Qty. Rate Amount Type Unit Qty. Rate Amount Type Unit Qty. Rate Amount Type Unit 9.01.a diesel 0.15 101.00 15.15 excavator hr Sub total of A = 0.00 Sub total of B = 15.15	Sub total of C = 36 Cavator upto 0.8 m3 Equipment (C) Qty. Rate	19.34 5.75 Unit: m3			
Total (I=A+B+C): 31.95 Overhead (15%) 4.80 Total Description of works: Road way excavation in hard soil /BMS including disposal upto 10 m and lift upto 1.5 m etc. all complete as per specification by hydraulic excapacity. Spec. cl. No: 905 Norms No. Type Unit Qty. Rate Amount Type Unit Qty. Rate Amount Type Unit Qty. Rate Amount Type Unit Sub total of A = 0.00 Sub total of B = 15.15	Cavator upto 0.8 m3 Equipment (C) Qty. Rate	Unit : m3			
Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification by hydraulic exception of works: Complete as per specification	Equipment (C) Qty. Rate	Unit:			
Capacity	Equipment (C) Qty. Rate	m3			
Norms No. Type Unit Qty. Rate Amount Type Unit Qty. Rate Amount Type Unit $\frac{1}{2}$ Unit $\frac{1}{$	Qty. Rate	Amou			
9.01.a Sub total of A = 0.00 Sub total of B = 15.15		Amou			
9.01.a hr Sub total of A = 0.00 Sub total of B = 15.15	0.0125 1050.00	$\overline{}$			
	0.0125 1858.80	23.24			
	Sub total of C =	23.24			
10tal (1-A+D+C) : 30.37		1.15			
Poscription of works: Road way excavation in soft rock including disposal upto 10 m and lift upto 1.5 m etc. all complete as per specification by hydrau 0.8 m3 capacity.		Unit :			
Labour (A) Material (B) E	Equipment (C)				
Norms No. Type Unit Qty. Rate Amount Type Unit Qty. Rate Amount Type Unit	Qty. Rate	Amou			
9.01.a diesel 0.2064 101.00 20.85 excavator hr	0.0172 1858.80	31.98			

Description of works: Road way excavation in hard rock including disposal upto 10 m and lift upto 1.5 m etc. all complete as per specification by hydraulic excavator upto

Unit: 1

Sub total of B =

Overhead (15%)

20.85

7.93

Sub total of C =

Total

31.98

60.76

Sub total of A =

Total (I=A+B+C):

0.00

52.83

spec. ci. N	No: 905															m3	
lorms No.			Labour (A)			Material (B)						Equipment (C)					
1011115 110.	Type	Unit	Qty.	Rate	Amount	Type	Unit	Qty.	Rate	Amount		Type	Unit	Qty.	Rate	Amou	
9.01.a						diesel		0.2724	101.00	27.52	e	excavator	hr	0.0227	1858.80	42.20	
			Cula	total of A =	0.00			Curls 4	otal of B =	27.52				Cush	total of C =	42.20	
				$=\mathbf{A}+\mathbf{B}+\mathbf{C})$:	69.72				ead (15%)	10.46		Total 80					
			10001 (1	11.12.0)	****	l		0,0111	(10 / 0)		<u> </u>		1000			.10	
Descriptio	on of works:	Road way	excavation	in soft soi	including	disposal up	oto 10 m and	d lift upto 1	.5 m etc. al	l complete	as per specif	fication. (r	nanual)			Unit:	
Spec. cl. N	No: 905															m3	
Norms No.		Labour (A)				Material (B)						Equipment (C)					
voi ilis ivo.	Type	Unit	Qty.	Rate	Amount	Type	Unit	Qty.	Rate	Amount		Type	Unit	Qty.	Rate	Amou	
9.01.a	Unskilled	md	0.750	520.00	390.00						Г	Γools and plant		3.00%	of L.C.	11.7	
			Sub 1	total of A =	390.00			Sub t	otal of B =	0.00		prant		Sub	total of C =	11.70	
		Sı	ub total of A		401.70		Cont	ractor's over				60.26 Unit Rate =					
Description Spec. cl. N		Road way (manual)			oil / Gravel	/ Boulder	mixed soil i	ncluding dis	sposal upto	10 m and l	lift upto 1.5 i	m etc. all	complete a	s per speci	fication.	Unit:	
Norms No.	Type	Unit	Labour (A)					M 4 1 1 (D)		ı				1 • 4/4	<u> </u>	m3	
	1 ype		Otre		Amount	Tyme		Material (B)	Data	Amount		Tyme		Equipment (
9.01.b	Unskilled	md	Qty. 1.000	Rate 520.00	Amount 520.00	Туре	Unit	Material (B) Qty.	Rate	Amount	7	Type Γools and	Unit	Equipment (Control of the Control of	C) Rate of L.C.	Amou	
9.01.b	Unskilled		1.000	Rate 520.00	520.00	Туре		Qty.			7			Qty. 3.00%	Rate of L.C.	Amou 15.60	
9.01.b	Unskilled	md	1.000 Sub t	Rate 520.00 total of A =	520.00 520.00	Туре	Unit	Qty. Sub t	otal of B =	0.00	7	Γools and plant		3.00% Sub	Rate of L.C. total of C =	Amou 15.60	
9.01.b	Unskilled	md	1.000	Rate 520.00 total of A =	520.00	Туре	Unit	Qty.	otal of B =	0.00	7	Tools and		3.00% Sub	Rate of L.C.	Amou 15.6	
Descriptio	on of works:	md	1.000 Sub total of A	Section 1	520.00 520.00 535.60		Unit Cont	Qty. Sub t	otal of B =	0.00 ses 15% =	e as per spec	Fools and plant	Unit	3.00% Sub	Rate of L.C. total of C =	Amou 15.60 15.60 615.9 Unit :	
Descriptio	on of works:	md	1.000 Sub total of A	Rate	520.00 520.00 535.60		Unit Cont	Sub tractor's over	otal of B =	0.00 ses 15% =		Fools and plant	Unit (Manual)	Qty. 3.00% Sub	Rate of L.C. total of C = Unit Rate =	15.60 15.60 615.9	
	on of works: No: 905	md Si	1.000 Sub total of A excavation Labour (A)	Rate 520.00 total of A = A + B + C = A in Soft room	520.00 520.00 535.60 ck includin	g disposal 1	Unit Cont	Sub tractor's over	otal of B = head expension.	0.00 ses 15% =		Fools and plant 80.34 cification.	Unit (Manual)	Qty. 3.00% Sub	Rate of L.C. total of C = Unit Rate =		
Descriptio Spec. cl. N	on of works: No: 905 Type	md Si Road way Unit	1.000 Sub total of A excavation Labour (A) Qty.	Rate	520.00 520.00 535.60 ck includin		Unit Cont	Sub tractor's over	otal of B =	0.00 ses 15% =	e as per spec	Fools and plant	Unit (Manual)	Qty. 3.00% Sub	Rate of L.C. total of C = Unit Rate =	15.6 15.6 615.9	
Description pec. cl. N	on of works: No: 905	md Si	1.000 Sub total of A excavation Labour (A)	Rate 520.00 total of A = A + B + C = A in Soft room	520.00 520.00 535.60 ck includin	g disposal 1	Unit Cont	Sub tractor's over	otal of B = head expension.	0.00 ses 15% =	e as per spec	Fools and plant 80.34 cification.	Unit (Manual)	Qty. 3.00% Sub	Rate of L.C. total of C = Unit Rate =	15. 15. 615 Unit	

Sub total of B = 0.00

Contractor's overhead expenses 15% =

Description of works: Road way excavation in Hard rock including disposal upto 10 m and lift upto 1.5 m etc. all complete as per specification. [Manual]

Sub total of A = 1430.00

1472.90

Sub total of A + B + C =

Unit: 1

42.90

1693.84

Sub total of C =

Unit Rate =

220.94

Spec. cl. No: 905																	
Labour (A)						Material (B)						Equipment (C)					
Norms No.	Type	Unit	Qty.	Rate	Amount	Type	Unit	Qty.	Rate	Amount		Type	Unit	Qty.	Rate	Amount	
9.01.b	Unskilled	md	12.000	520.00	6240.00							Tools and plant		3.00%	of L.C.	187.20	
Sub total of A = 6240.00							Sub total of $B = 0.00$					Sub total of $C = 187.2$					
		Su	b total of A	+B+C=	6427.20		Contr	ractor's over	head expen	ses 15% =		964.08	54.08 Unit Rate = 7391.28				

Hard Soil		Percentage	ed excavation	Amount	
maru bon	Mannual Excavation	10			
	Machined Excavation	90	0.00.0		
		, ,	Total	101.33	
Soft Rock			20002	101.00	
		Percentage	Rate	Amount	
	Mannual Excavation	10			
	Machined Excavation	90	60.76	54.68	
			Total	224.07	33.61
Hard Rock	ζ.			190.46	
		Percentage	Rate	Amount	
	Mannual Excavation	10	7391.28	739.13	
	Machined Excavation	90	80.18	72.16	
			Total	811.29	121.69
				689.60	
Average R	ate for all types of Cutt	ing I			
_	Hard Soil	90	101.33	91.20	
	Soft Rock	5	224.07	7 11.20	
	Hard Rock	5	811.29	40.56	
			TOTAL	142.96	21.44
				121.52	