

NDB - BRRP2 - 663

Schedule XLV-Form No. 134

Panchayat Bhawan to Bichali Mand

Shooghati DIVISION

Barachatti SUB-DIVISION

M/s Mac Komli Construction

MEASUREMENT BOOK

1526

Agreement No. 19 SB 2024-25

2nd A/c bill

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Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Name of work	Patchyat Bhawan to Bichali Tond				
Agency	MAAKOMLI Construction				
Agreement No.	19 SPD/24-25				
	Reconstruc				
	M.D - 03/03/25				
Item (1)	P/v plain cement concrete in substructure (M ₂₀)				
Abut	2 X	8.24	$\frac{2.56 + 1.70}{2}$	$\times 3.80$	$= 102.07 m^3$

Pier	2 X	7.5 X	$\frac{2.56 + 1.20}{2}$	$\times 5.7$	$= 159.03 m^3$
Pier cap	2 X	$3.14 \times \frac{3.14}{8}$	$\times \frac{0.51 + 0.10}{2}$	$\times 5.70$	$= 3.35 m^3$
Ret wall	4 X	3.96 X	$\frac{2.24 + 0.40}{2}$	$\times 4.25$	$= 88.93 m^3$
					$353.38 m^3$
					$UM - 351.33 m^3$
Item (2)	Construction of curb				
	well graded material				
Flexible pavement	1 X	30 X	4.05 X	0.200	$= 24.30 m^3$
	1 X	20 X	4.05 X	0.200	$= 16.20 m^3$
	8 X	30 X	4.05 X	0.200	$= 194.40 m^3$
	10 X	30 X	4.05 X	0.200	$= 243.00 m^3$
					$477.90 m^3$
Item (3)	in m ₂₀				
	8 X	30 X	3.78 X	0.100	$= 90.00 m^3$
					$567.90 m^3$
A-104222					
03/03/25					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	Record entry				
	M.D - 10/03/25				
Item ①	P/V Hysp floor in				
	Cops and dirt wall				
12mp -	2x24x7.5x		0.89		320.40k
8mp -	2x75x1.6x		0.395		94.80k
8mp -	2x75x1.9x		0.395		112.57k
12mp (Piercap) -	2x18x7.5x		0.89		240.30k
8p -	2x30x2.5x		0.395		59.25k
					827.32k
	Add 8% cutting bonding				4136k
					868.68k

Item ②	P/V R.C. ^{Grade} Substructure				
	do - do all G2 pier job.				
Abutment -	2x7.5x0.40x		0.20		1.20 M ³
Dist wall -	2x7.5x0.30x		0.680		3.06 M ³
Pier cap -	2x7.5x1.20x		0.2		3.60 M ³
					7.86 M ³
Item ③	P/V Laying W.B.M				
	Grade-3				
	1x30x	3.75x	0.075		8.43 M ³
	1x20x	3.75x	0.075		5.62 M ³
	8x30x	3.75x	0.075		67.50 M ³
	10x30x	3.75x	0.075		84.37 M ³
	8x30x	3.75x	0.075		67.50 M ³
					233.42 M ³

Continuation

A. K. Nayak
10/03/25
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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
		Recommendation			
		M.D - 15/03/25			
item-①	P/V	Hydro Steel			
		in Deck slab (ohospom)			
20φ 15 th	3x	66x	6.97x	2.46 =	1066.70 ^m
12φ 15 th	1x	44x	7.5x	0.89 =	293.70 ^m
10φ (25 th)	-1x	34x	6.97x	0.62 =	138.49 ^m
10φ (30 th)	-1x	22x	7.5x	0.62 =	102.30 ^m
					1601.19 ^m
item-②	P/V	weep holes			
		— 131 No			
item-③	Basec Flyer	behind			
		abutment			
	2x	3.96x	5.00x	3.99 =	157.81 ^m

Trench Filler					
Excavation	2x	10.50x	4.11x	2.20 =	197.12 ^m
	4x	3.54x	3.79x	2.20 =	118.15 ^m
	2x	9.15x	2.60x	2.20 =	104.68 ^m
					419.95 ^m
Locs at	2x	9.00x	3.210x	2.00 =	115.56
Pen -	4x	3.34x	2.892x	2.00 =	77.27 ^m
podph -	3x	6.00x	7.5x	0.30 =	40.50 ^m
					286.59 ^m
					233.33 ^m
					170.91 - 186.59 =
					157.81 + 786.59 =
					= 344.40 ^m
					Limit - 341.96 ^m

Continuation

	Record entry	
	M.D - 21/03/25	
item-①	P/v applying primer coat	
	$15 \times 30 \times 3.75$	1687.5 m^2
item-②	P/v applying fae/ceat	
	$15 \times 30 \times 3.75$	$= 1687.5 \text{ m}^2$
item-③	P/v leaning mix	
	ceat surface	
	$15 \times 30 \times 3.75$	$= 1687.5 \text{ m}^2$
item-④	P/v P.C.C in Deck	
	Slab (m ²)	
	$1 \times 7.5 \times 7.0 \times 0.1480$	$= 25.20 \text{ m}^3$
item-⑤	Grav of sub base	
	$2 \times 8 \times 30 \times 1.29 \times 0.16$	$= 99.07 \text{ m}^3$
Sides of pcc - 2		
Continuation		

A. Iyaz
21/03/25

ABSTRACT OF C&M

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(1/1)	Constn of B.M pillar				
	V.T.M.B.P.No			(10)	
	item no (1)			0.900 m	
	Q 5785.21/1cm				5207.50
(2/2)	Constn of Retention pillar				
	V.T.M.B.P.No			(10)	
	item no (5)			0.900 m	
	Q 4009.87/1cm				3609.50
(3/3)	Clearing and grubbing Road Land				
	V.T.M.B.P.No			(10)	
	item no (5)			0.163 ha	
	Q 76926.08/1ha				48463.50
(4/4)	Constn of embank with local 100M				
	V.T.M.B.P.No			(10)	
	item no (9)			1249.29 m ³	
	Q 211.53/m ³				264262.50
(5/5)	Constn of embank with local 100M				
	V.T.M.B.P.No			(10)	
	item no (8)			535.41 m	
	Q 259.63/m ³				139041.50
(6/6)	Constn of subgrade and earth shoulder				
	V.T.M.B.P.No			(11)	
	V.T.M.B.P.No			(5)	
	Continuation			(8)	

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	item (6) -			1298.70	
	item (7) -			476.16	
	item (8) -			99.07	
				1873.93m	
	Q 263.23/m ³				493275=
(7/28)	L/W excavation in				
	foot of structure				
	V.T.M.B.P.H. (11)				
	item (7) -			558.29m ³	
	Q 405.83/m ³				226571=
(8/29)	P/V plain concrete				
	in open trench				
	V.T.M.B.P.H. (11)				
	item (8) -			58.62m ³	
	Q 5985.79/m ³				350887=
(9/30)	P/V plain concrete				
	in open trench (m ³)				
	V.T.M.B.P.H. (11)				
	item (9) -			281.71m ³	
	Q 6492.68/m ³				1829053=
(10/11)	P/V plain concrete				
	in substructure				
	V.T.M.B.P.H. (12), (15)				
	item (10) -			21.04m ³	
	item (11) -			351.23m ³	
	Q 6789.03/m ³			2422.37m ³	
					2867483=
(11/12)	supplying, fixing				
	placing 10mm bars				
	V.T.M.B.P.H. (16), (17)				

Continuation

item (11) - 0.868 m³
 item (12) - 1.601 m³
2.469 m³

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	Q	73345.21	MT		181089 ^m
(12)	P/V	Plastic m ² 1h			
		substructure			
	V.T.M.B.	P.H.	(16)		
	item n(2)	7.86m ²			
	Q	6972.07	m ²		54848 ^m
(13)	P/V	weep holes			
	V.T.M.B.	P.H.	(17)		
	item n(2)	1311h			
	Q	142.63	/m		18632 ^m
(14)		Back Filler behind			
		Abutment			
	V.T.M.B.	P.H.	(17)		
	item n(2)	341.96m ²			
	Q	954.01	m ²		326232 ^m
(15)	P/V	laying of P.C.C			
		in deck slab (17)			
	V.T.M.B.	P.H.	(18)		
	item n(2)	25.20m ²			
	Q	7903.93	m ²		199139 ^m
(16)		CONCRETE C.S.B			
		work graded material			
	V.T.M.B.	P.H.	(15)		
	item n(2)	567.90m ²			
	Q	2544.89	m ²		1445213 ^m

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(17)	Consist of W.B.M				
	Grade-3				
	V.T.M.B.P.H.- (17)				
	item (3) —	233.42m			
	Q 3788.13/m ³ —				877223=
(18)	P/V and applying				
	primer coat				
	V.T.M.B.P.H.- (18)				
	item (1) —	1687.5m ²			
	Q 54.78/m ² —				92441=
(19)	P/V applying				
	coat				
	V.T.M.B.P.H.- (18)				
	item (2) —	1687.5m ²			
	Q 18.65/m ² —				31472=
(20)	P/V mix seal surface				
	with water plastic				
	V.T.M.B.P.H.- (18)				
	item (3) —	1687.5m ²			
	Q 181.69/m ² —				306602=
(21)	Consist of ungrouted				
	concrete pavement				
	V.T.M.B.P.H.- (18)				
	item (4) —	144m			
	Q 7563.33/m ² —				1089120=
					10849972=

Continuation

Continuation