

NDB - BRRP2 - 663

Schedule XLV-Form No. 134

Panchayat Bhawan to Bichali Mand

Shazghati DIVISION

Barachatti SUB-DIVISION

M/s Maca Komli construction

MEASUREMENT BOOK

1526.

~~Measurement~~ No- 19 SBD 2024-25

3rd and final bill

25

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Name of work - Panchayat Bhawan					
to Richali Tond					
Agency - MGA KOMLI Construction					
Agreement No - 18/00/24-25					
Record entry					
M.D - 29/03/2025					
item (1)	providing plain concrete				
in open fourth (M ²)					
Bed Protection	3x	6.00x	7.5x	0.30 =	40.50 M ²
	3x	12x	0.5x	0.90 =	16.20 M ²
					56.70 M ²
item (2)	P/v Hyson steel				
in deck slab (M ²)					
20φ	1x	66x	6.80x	2.46 =	1104.04 M ²
12φ	1x	44x	7.50x	0.89 =	293.70 M ²
10φ	1x	34x	8.80x	0.62 =	138.43 M ²
10φ	1x	22x	7.5x	0.62 =	102.30 M ²
					1638.53 M ²
For T ^{mm} 200 slab culvert -					
					327.74 M ²
Kerb -					
12mm	0.891 M ²	8x	15.60 =		111.07 M ²
8φ	2.08x	1.74x	0.39 =		144.39 M ²
					3532.46 M ²
item - (3)	providing and laying				
R.C.C in superstructure (M ²)					
	7x	7.2x	7.5x	0.480 =	25.92 M ²
	1x	7.2x	7.5x	0.480 =	25.20 M ²
Continuation					
					51.12 M ²

A. Jayaram
29/03/2025
J.E

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Record entry					
M.D -				31/03/2028	
for (1) providing Comp. meph.					
on flexible pavement					
					of G.S.B (up to date measurement)
					$1 \times (30+12) \times \frac{7.5+6.5}{2} \times 0.200 = 58.8 \text{ m}^2$
					$1 \times 22 \times 4.05 \times 0.200 = 17.82 \text{ m}^2$
					$1 \times 30 \times \frac{6+4.05}{2} \times 0.200 = 30.15 \text{ m}^2$
					$1 \times 28 \times 4.05 \times 0.200 = 22.68 \text{ m}^2$
					$1.6 \times 30 \times 4.05 \times 0.200 = 388.80 \text{ m}^2$
					$1 \times 4.5 \times 4.05 \times 0.200 = 3.64 \text{ m}^2$
					$1 \times 27 \times 4.05 \times 0.200 = 21.87 \text{ m}^2$
					543.76 m ²
loss for curbs					
					$1 \times 22 \times 4.05 \times 0.200 = 17.82 \text{ m}^2$

					$1 \times 4.5 \times 4.05 \times 0.200 = 3.64 \text{ m}^2$
					522.30 m ²
on Right Pavement					
					$8 \times 30 \times 3.75 \times 0.100 = 90.0 \text{ m}^2$
					$8 \times 5 \times 6 \times 0.100 = 3.0 \text{ m}^2$
					$1 \times 7 \times 3.75 \times 0.100 = 2.62 \text{ m}^2$
					95.62 m ²
					total R.M. = 617.92 m ²
					Limit - 617.92 m ²
for (2) P.V. laying spreading					
					W.B.M. Grade 8-3 (up to date measurement)
					$1 \times (30+12) \times \frac{7+6}{2} \times 0.075 = 20.47 \text{ m}^2$
					$1 \times 22 \times 3.75 \times 0.075 = 6.18 \text{ m}^2$
					$1 \times 30 \times \frac{6+3.75}{2} \times 0.075 = 10.96 \text{ m}^2$

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	1x	28x	3.75x	0.075	= 7.875m
	16x	30x	3.75x	0.075	= 135.00m ²
	1x	4.5x	3.75x	0.075	= 1.26m ²
	1x	27x	3.75x	0.075	= 7.59m ²
	Total of culvert				189.33m ²
	1x	22x	3.75x	0.075	= 16.18m ²
	1x	4.5x	3.75x	0.075	= 1.26m ²
					181.89m ²
Drainage	8x	30x	3.75x	0.075	= 67.5m ²
	1x	5x	6x	0.075	= 2.25m ²
	1x	7x	3.75x	0.075	= 1.96m ²
					71.71m ²
	Total of Dr - 253.60m ²				
	Total - 252.85m ²				
Item ⑤	Construction of unreinforced concrete pavement (supplied measurements)				
	16x	15x	3.75x	0.160	= 144.00m ²
	1x	5x	6.00x	0.160	= 4.80m ²
	1x	7x	3.75x	0.160	= 4.20m ²
					153.00m ²
Item ⑥	P/W Drains spout - 6 Hrs				
Item ⑤	P/W Rice in subgrade				
Item - ⑥	2x	20.5x	0.45x	0.300	= 5.53m ²
Item - ⑥	Comp of Rice Road				
	2x	21			= 42m
Item ⑦	P/W and Ditch byddorapion				
	2x	21.20x	4x	0.3	= 50.88m ²

Continuation

A-10/2/2025
31/03/2025
R

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
		Round entry			
		M.D - 6/04/25			
item (1)		providing applying prime coat (up to 100 mm thickness)			
		1x	30x13	$\frac{3.75}{2}$	= 273.0 m ²
		1x	22x	3.75	= 82.5 m ²
		1x	30x6	$\frac{3.75}{2}$	= 146.25 m ²
		1x	28x	3.75	= 105.0 m ²
		10x	30x	3.75	= 1125.0 m ²
		6x	30x	3.75	= 675.0 m ²
		1x	4.5x	3.75	= 16.875 m ²
		1x	22x	3.75	= 101.25 m ²

					2524.87 m ²
		loss for wastage -			
		1x	22x	3.75	= 82.50 m ²
		1x	4.5x	3.75	= 16.875 m ²
					2425.50 m ²
					Unit - 2415.11 m ²
item (2)		providing applying toe/edge coat			
		QM - 2475.84 m ²			
item (3)		providing laying mix seal surface			
		QM - vide item (1)			
		- 2415.11 m ²			

Continuation

A. Jayaram
06/04/25
R

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
		Recorded			
		M.D - 16/04/25			
item (1)		Laying of wire along			
		Lay on sides of pipe			
		$2 \times 8 \times 30 \times 0.25 = 120 \text{ m}^2$			
item (2)		Constn of subgrade			
		and shoulder			
Sides of sub		$2 \times 4 \times 30 \times$	$1.33 \times$	$0.25 =$	63.84 m^2
Sides of w.B.M.		$2 \times 4 \times 30 \times$	$1.25 \times$	$0.075 =$	23.22 m^2
		$2 \times 2 \times 30 \times$	$1.25 \times$	$0.025 =$	38.70 m^2
Sides of w.B.		$2 \times 1 \times 10 \times$	$1.60 \times$	$0.175 =$	5.60 m^2
					131.36 m^2
item (3)		Constn of embankment			
		by Graph			
Sr. Ht.	Ch	Area	Mean Area	Length	Volume
1	0	3.50			
2	100	3.70	3.60	100	360.00
3	200	3.40	3.55	100	355.00
4	300	4.10	3.75	100	375.00
5	400	6.70	5.40	100	540.00
6	500	10.80	8.95	100	895.00
7	600	5.20	8.30	100	830.00
8	700	6.00	5.30	100	530.00
9	800	5.60	5.80	100	580.00
10	900	6.00	5.80	100	580.00
					5095.00

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
					8085.00 m ²
Less					
Subgravel bed					2005.29 m ²
W.S. B					612.28 m ²
Gr. III					282.85 m ²
M.S.S					48.30 m ²
P.C.C					153.00
					3076.72 m ²
(A) For 100 m lead					
					$3076.72 \times \frac{4.25}{100} = 130.76 \text{ m}^2$
(B) For 1000 m lead					
					$3076.72 \times \frac{1.25}{100} = 38.46 \text{ m}^2$

item (4)	P/V 10 m stone	210		
item (5)	P/V 200 m stone	4 m		
item (6)	P/V and fitting			
	gim band	310		
item (7)	Painting two coats on how concrete surface.			
	4 x 6 m x 1.6	=	38.4 m ²	
	4 x 3.6 x 1.6	=	23.04 m ²	
	4 x 3.6 x 1.6	=	23.04 m ²	
			84.48 m ²	
item (8)	P/V 600 m concrete			
	7 m x 8.0	4 m		
item (9)	P/V 600 x 450 road	4 m		

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
item (10)	P/V	gutter	side	ocd	- 2 H
item (11)	road	manure	on		
				at surface	
		2x	20x30x0.1	=	120 m ²
		2x	1x8x0.1	=	1 m ²
					121 m ²
item (12)	road	manure	on		
				c.c surface	
		2x	8x30x0.1	=	48 m ²
		2x	1x10x0.1	=	2 m ²
					50 m ²
item (13)	planting of trees				
				and their maintenance	
					— 63 m
item (14)	Laying	concrete	garden		
			pipe	— 40 RM	
item (15)	construction of				
				to e walls for protection	
P.C.C.	1x	21.2x	1.20x	0.15	3.81 m ²
	1x	34.8x	1.20x	0.15	6.26 m ²
	1x	14.0x	1.20x	0.15	2.52 m ²
	1x	21.2x	0.65x	1.50	20.67 m ²
	1x	34.8x	0.65x	1.50	33.93 m ²
	1x	14.0x	0.65x	1.50	13.65 m ²
					25.22 m²
					80.84 m ²

Continuation

Continuation

WATER GATE C-20

ABSTRACT OF COST

33

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(1/1)	Consist of B.M pillar				
	V.T.M.B.P.No (19)				
	item (1)	0.900 km			
	& 5285.21/ha				5207=
(2/2)	Consist of Reference pillar				
	V.T.M.B.P.No (19)				
	item (2)	0.900 km			
	& 4009.87/ha				3609=
(3/3)	Cleaning and grubbing road land				
	V.T.M.B.P.No (19)				
	item (3)	0.63 Ha			
	& 76926.08/ha				48463=
(4/4)	Consist of 226 th with load 100 M				
	V.T.M.B.P.No (19, 29)				
	item (4), (3/A)				
	- 1249.29 + 130.78 = 1380.05 m ²				
	& 211.53/m ²				291922=
(5/5)	Consist of 226 th with 1000 M				
	V.T.M.B.P.No (17, 29)				
	item (5), (3)				
	53541 + 53.84 = 58925 m ²				
	& 259.69/m ²				153022=

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(6/6)	Const of subgrade				
	and earth shoulder				
	V.T.M.B. P.No.	(19)	(2)		
	item (1), (2)				
	1828.06				1959.42m
	1873.93m				2005.29m
	263.23/m				527852.00
(7)	Construction of				515778.00
	C.S.B				
	V.T.M.B. P.No.	(20)			
	item (1) -	617.28m ²			
	2844.89/m ²				157091.00
(8)	P.V. laying spreader				
	w.B.M. under				
	V.T.M.B. P.No.	(26)			
	item (2) -	252.85m ²			
	3758.13/m ²				950243.00
(9)	P.V. applying prime				
	Coat				
	V.T.M.B. P.No.	(28)			
	item (1) -	2415.11m ²			
	54.78/m ²				132300.00
(10)	P.V. applying tack				
	Coat				
	V.T.M.B. P.No.	(28)			
	item (2) -	2415.11m ²			
	18.65/m ²				45042.00

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(11/)	P/V Laying mix				
	Soil surface				
	V.T.M.B.P.H. (28)				
	item (5)				2415.11 m ²
	Q	181.69/m ²			438791 ⁰⁰
(12/)	consist of cement				
	Concrete pavement				
	V.T.M.B.P.H. (29)				
	item (5)				153.00 m ²
	Q	7863.33/m ²			1157189 ⁰⁰
(13/)	Laying bricks				
	V.T.M.B.P.H. (29)				
	item (10)				12 m ²
	Q	519.25/m ²			62310 ⁰⁰
(14/)	P/V 10 M stone				
	V.T.M.B.P.H. (30)				
	item (9)				2 H
	Q	2790.65/H			5581 ⁰⁰
(15/)	P/V 200 M stone				
	V.T.M.B.P.H. (30)				
	item (5)				4 H
	Q	733.41/H			3134 ⁰⁰
(16/)	P/V and fix 18 L				
	sign board				
	V.T.M.B.P.H. (30)				
	item (10)				3 H
	Q	11328.32/H			33980 ⁰⁰

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(17)	Painting Two Coys on new concrete surface				
	V.T.M.B.P.H. - (30)				
	item (1) - 84.48 m ²				
	& 139.16 / m ²				11756.00
(18)	P/V Goozon canal fringing				
	V.T.M.B.P.H. - (30)				
	item (8) - 4 H				
	& 4422.64 / H				17911.00
(19)	P/V Goozon road				
	V.T.M.B.P.H. - (30)				
	item (9) - 4 H				
	& 5767.28 / H				23069.00
(20)	P/V Goozon side occlusion				
	V.T.M.B.P.H. - (31)				
	item (10) - 2 H				
	& 10132.42 / H				20265.00
(21)	Road marking on B.T surface				
	V.T.M.B.P.H. - (31)				
	item (11) - 121 m ²				
	& 886.00 / m ²				107206.50
(22)	Road marking on C.C surface				

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	V.T.M.B.P.H.	(31)			
	item (12)	—	50 m ²		
	Q	1081.00/m ²	—		54050.00
(23/)	planting of tree and their maintenance				
	V.T.M.B.P.H.	(31)			
	item (13)	—	63 H ₀		
	Q	1305.10/H	—		82224.00
(24/)	P/V Laying Cement Concrete Pipe				
	V.T.M.B.P.H.	(31)			
	item (19)	—	40 H ₀		
	Q	838.64/H	—		33546.00
(25/)	Consolidation of toe wall for protection slope				
	V.T.M.B.P.H.	(31)			
	item (15)	—	80.84 m ³		
	Q	6064.33/m ³	—		490240.00
(26/)	P/V and Laying Boulder Pile				
	V.T.M.B.P.H.	(32)			
	item (16)	—	50.40 m ³		
	Q	3091.26/m ³	—		155800.00
(27/28)	E/W excavation in form of structure				
	V.T.M.B.P.H.	(30)			
	item (7)	—	558.29 m ³		

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	Q	405.83/M ²			226571 ²
(28/29) P/V plain concrete in open form					
V.T.M.B.P.H. - (20)					
item (9) — 58.62 M ³					
Q 5985.79/M ² —					350887 ²
(29/30) P/V plain concrete in open form (M ²)					
V.T.M.B.P.H. - (20), (25)					
item (9) — 281.71 M ³					
item (10) — 56.70 M ³					
			338.41 M ³		
Q 6492.68/M ² —					2197188 ²
(30/31) P/V plain concrete in substructure					
V.T.M.B.P.H. - (20), (25)					
item (10) — 422.32 M ³					
item (10) —					
Q 6789.03/M ² —					2867483 ²
(31/32) SUPPLYING, fitting, placing and casting					
V.T.M.B.P.H. - (20), (25)					
item (11) — 2.463 M ³					
item (12) — 3.532 M ³					
			6.00 M ³		
			4.49 M ³		
			5.632 M ³		
Q 7334.54/M ² —					3,36,655 ²
					4,13,080 ²

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(32/)	P/V P.C.C M ₂₀			in	
	Substructure				
	V.T.M.B.P.H.			(21), (27)	
	item (13)			7.86	13.66
	item (5)			5.53 M	
				19.79 M	
					1,33,909.00
	Q	69	78.07/M		93436.00
(33/)	P/V weep holes				
	V.T.M.B.P.H.			(21)	
	item (13)			121 H	
	Q	142.63/H			18672.00
(34/)	Back Filling behind abutment				
	V.T.M.B.P.H.			(21)	
	item (19)			387.90 M	
	Q	954.01/M			326232.00
					3,70060.00
(35/)	P/V Laying R.C.C in				
	Doorslab				
	V.T.M.B.P.H.			(21), (25), (1)	
	item (19)			28.20 M	
	item (7)			51.12 M	
	item (2)			8.10 M	
				84.42 M	
	Q	2903.93/M			667250.00
(36/)	P/V Laying R.C.C				
	HP Pipe (6wd)				
	V.T.M.B.P.H.			(5)	

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	1 item (1) - 7.5 m				
	Q 1234.88/M				9262.00
(27)	P/V laying R.C.C				
	HP ₂ pipe 100 dia				
	V.T.M.B.P.H. (1)				
	item no (1) - 7.5 m				
	Q 3855.53/M				28916.00
(38)	Filling in form				
	Trenches				
	V.T.M.B.P.H. (13)				
	item (13) - 11.74 m				
	Q 578.66/M				6793.00
(39)	P/V and laying boulder				
	Apron				
	V.T.M.B.P.H. (27)				
	item (27) - 50.88 m				
	Q 3091.26/M				157283.00
(40)	Construction of				
	R.C.C Railing				
	V.T.M.B.P.H. (27)				
	item (27) - 42 m				
	Q 7936.85/M				333348.00
(41)	P/V drainage spout				
	V.T.M.B.P.H. (27)				
	item (27) - 6 m				
	Q 1146.99/M				6882.00
					1,42,01,35.00

Continuation

Continuation