

MMGSY (SC)

Baruipatti SH-Handyga Gram To Brahman Tala
Barri Tala

Schedule XLV-Form No. 134

আমার পিমান অধিশয়, প্রার) DIVISION

আমার পিমান অধিশয়, প্রার) SUB-DIVISION

MEASUREMENT BOOK

শ্রী ১০৮১১১১১১১১

2nd on A/c Bill
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Sch. XLV-Form No. 134

Sch. XLV-Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
N/w:—		Cons of road.			
		and CD work with			
		maintenance for Benikolla			
		SH - Hordiya Groom			
		to Brahmanas Tola			
		Beni tola under			
		manist.			
Agency :-		Mangla Const			
		Maharaja, Shikhar			
Date of Commence :-					
		:- 06/05/2020			
Date of completion					
		:- 05/05/2021			
Agreement No: —					
		04/SBP/2020-21			
Actual date of Comm					
		:- Work is under			
		progress.			
		/			
Sl No ①		Culvert —			
		F/w is execution for			
		structure on land			
Abut -	2x	9.60x	2.133x	1.600 =	62.113
F/w -	4x	1.763x	1.930x	1.600 =	21.826

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Floor under deck slab	1	7.700	0.40	0.25	0.770
E x L					8.47 m ³
					93.180 m ³
Say -					93.18 m ³
SL No. ②	Pr Sand fill: 1:1				
	found to be correct all comp.				
Floor under deck slab	1	7.700	1.62	10.100	1.254 m ³
Say					1.254 m ³
Say					1.25 m ³
SL No. ③	Pr P.C.C. 1:2:5 (1:2:5:5)				
	Concrete is clean found				
	all comp.				
A -	2	9.100	2.133	0.200	7.764
B/W -	4	1.767	1.930	0.200	2.728
F/deck/s	1	7.700	1.736	0.150	2.005
					12.497 m ³
Say					12.49 m ³
SL No. ④	Pr B/masonry work in				
	C.M (1:4) is found comp.				
A -	2	8.300	1.333		
			1.933		
			2		
		1.400			37.921
Continuation					m ³

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$\frac{L}{W} -$	4x	1.767	$\times \frac{1.100 + 1.760}{2}$		
			$\times 1.400$		$= 14.15 m^3$
					$= 52.101 m^3$
			Say - 52.10 m ³		
SL no ⑤ For B/m of 5000 g work					
is exp (1.4) is Sub					
- structural eq length					
$\frac{L}{W} -$	2x	7.500	$\times \frac{0.700 + 1.133}{2}$		
			$\times 1.300$		$= 17.872 m^3$
$\frac{L}{W} -$	4x	1.984	$\times \frac{0.400 + 0.930}{2}$		
			$\times 1.300$		$= 8.389 m^3$
					$= 26.261 m^3$
			Say - 26.26 m ³		
<u>L/m measurement</u>					
SL no ⑥					
<u>L/W/P and place -</u>					
175 D bars reinforcement -					
is super. structure / Sub -					
all length					
Abulman) 400 and 400 work					
main bar - 102000 @ 1500 mm/c					
$2 \times 10 \times 7.40 = 148 m$					
@ 0.62 Kg/m — 9176 Kg					
Distribution bar as Ring					
8mm bar @ 200 mm c/c					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2x	3.3x	2.20m		162.00 m ²
① 0.40 kg/m					64.80 kg
					156.80 kg

Sum ① 9.8 kg/m² is
Sub-structure and Kerb.
24.00 m²

A/cap	2x	2.50x	0.70x	0.200	2.100
Distribution	2x	2.50x	0.40x	0.24	1.440
Reinforcement small edge	4x	2.20x	0.40x	0.150	0.552
					4.064 m ²
Qty					4.064 m ²

Sum ② 8/10 m²
S/L and Bleed

4x 10 for reinforcement
in Sub-structure and
for R.E. slab

Main bar	12 mm	φ	100 mm	
2x	3.2x	2.50		36.00 m

② 0.4 kg/m — 324.00 kg

Distribution bar —

10 mm φ @ 250 mm c/c

2x 11x 2.40m = 52.80 m

③ 0.6 kg/m — 60.96 kg

Chair — 6/100 = 6 kg

④ 0.62 kg/m — 372 kg

Continuation

= 428.65 kg

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Abstract of cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SL No (1/1) Setting out of pillars					
① Pr and fixing of working bands marks pillars - all comp.					
vide Dy - 1.800 Km					
Temp P-③					
② ₹ 4365 = 24/Km					₹ 7858 = 00
(b) Pr and fixing Reference pillars					
vide Temp P-④					
Dy - 1.800 Km					
③ ₹ 2015 = 25/Km					₹ 3627 = 00
SL No (2/2) Clearing and grubbing some land including all comp jobs					
Dy vide Temp P-⑤					
0.42 Km					
₹ 49739 = 47/Km					₹ 20897 = 00
SL No (3/3) Const of embankment with material obtained from borrow pits including all comp jobs (1000m length)					
Dy vide Temp P-⑤					
360.00 m ³					
₹ 187 = 5/m ³					₹ 6700 = 00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SL No 9/405. Cons of embankment with material obtained from borrow pit including 200.000 m ³ (100 m load)					
Qty - m ³ 320.000					
@ 142 = 62/1000					7 45638.00
SL No. (4/5) Cons of sub-grade and earthen shoulders with approved material obtained from borrow pit					
Qty - m ³ 1000.00					
@ 142 = 29/1000					7 204541.00
SL No (5/6) Cons of G.S.B by providing well graded material spreading is uniform layers are comp.					
Qty - m ³ 381.24					
@ 2598 = 64/1000					7 990690.00
SL No (6/22) Pr and Fix of typical type drainage					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Heart including P.A.					
Complete					
Qty - wide Trench P- (6)					
- 2 m ³					
② 7 11 545 = 52/m ²					7 23591=00
Culvert position					
SL NO (7/22) f/w in excavation					
for structure and					
Complete					
Qty - wide Trench P- (9/16)					
- 93.12 m ³					
③ 7 261 = 94/m ³					7 24404=00
SL NO (8/24) f/w in excavation					
in below trenches					
and complete					
Qty - wide Trench P- (10)					
- 1.25 m ³					
④ 7 459 = 64/m ³					7 5755=00
SL NO (9/25) Pz P. ca. 1.5					
(1.2.5.5) Concrete					
of concrete and complete					
Qty - wide Trench P- (15)					
- 12.50 m ³					
⑤ 7 6263 = 2/m ³					7 78298=00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SL NO (10/26) P- 6/masonry work					
1/2 cm (1:4) in thick					
Qty -					
52.10 m ³					
@ 7.6414 = 10/m ³					7313335 = 00
SL NO (11/27) P- 3/masonry work					
in cm (1:4) is sub stone					
Qty -					
26.26 m ³					
@ 7.6263 = 77/m ³					716444 = 00
SL NO (12/31) S/R and plan					
1/2 SD bars					
for masonry, sub/shape					
structural work area					
Qty -					
156.85 kg					
Qty -					
428.65 kg					
Qty -					
585.53 kg					
Qty -					
586 kg					
Qty -					
0.586 m ³					
Qty -					
0.586 m ³					
@ 7.7240 = 7/m ³					742434 = 00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SLMO (12/28) for R.C. 31					
Reb. structure and					
Keen all round					
Qty -	vide TMB P-12/14				
	- 4.068 m ³ = 4.07 m ³				
② 7.147 = 39/m ³					7 29090 = 0
SLMO (14/30) for and lagging					
R.C. deck slab is					
Superstructure and					
Comp.					
Qty -	vide TMB P-13				
	- 4.608 m ³				
	Sum - 4.61 m ³				
② 7 8294 = 65/m ³					7 38238 = 0
SLMO (15/37) for and filling					
Joints compound and					
Comp.					
Qty -	vide TMB P-13				
	- 15 m				
② 7 26 = 14/m					7 542 = 00
SLMO (16/36) for work hose					
for B/masopage work					
all complete					
Qty -	vide TMB P-13				
	- 28 m ³				

Continuation

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