

MMGISY SC
Schedule XLV-Form No.-134

Executive Engineer

R.W.D (W) Division Katihar DIVISION

R.W.D WORKS SUB-DIVISION

Samaili M.B No - 1807.

MEASUREMENT BOOK

5th & Final Bill

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:- Const. & maintenance of road from Khaira Indam to Mahadalit to a under M.M.H.Sy (SC) at Sameli block.					
Name of Agency:- M/s Neha Enterprises.					
Agreement No:- 15/SBD/2018-19					
Date of commencement:- 29-01-2019					
Actual date of completion:- 8.7.2020					
Date of entry:- 31-07-2020					
Work done IX/L					
 31.07.2020 S.E.  31.07.2020 D.E.					

Abstract of Cost:-	
Date of entry:- 31-07-2020	
1/1	Benchmark pillars
	Qty vide TMBP-52
	i.e Qty = 2 Nos
	@ 4837.78 each = 9675.56
2/1	Reference pillars
	Qty vide TMBP-52
	i.e Qty = 09 Nos
	@ 2219.97 each = 8877.88
3/1	clearing and grubbing of road land
	Qty vide TMBP-52
	i.e Qty = 0.59 Hec
	@ 50148.62/Hec = 29587.0

Continuation

C/O = 48140.44

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BP 2	48140.44
4/2.	Box cutting 1-				
	Qty vide TMBP-53				
	i.e Qty = 101.89 m ³				
	@ 77.70/m ³ =				7917.0
5/3.	Const. of embankment				
	obtained material				
	deposited from				
	roadway cutting.				
	Qty vide TMBP-53				
	i.e Qty = 61.13 m ³				
	@ 27.30/m ³ =				1669.0

6/4.	Const. of embankment with approved material obtained from borrow pits lead up to 100m				
	Qty vide TMBP-53				
	i.e Qty = 2007.16 m ³				
	@ 111.25/m ³ =				22329.0
7/5.	Const. of embankment with approved material obtained from borrow pits lead up to 100m				
	Qty vide TMBP-53				

C/O = 281023.94

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F2	281023.44
	2.e	Qty	2663.95 m ³		
	@	155.23/m ³			103857.0
8/6.	Const. of subgrade & earthen shoulder with approved material lead up to 100 m & 1000 m				
	Qty vide	TMBP-54			
	2.e	Qty = 556.81 m ³			
	@	157.47/m ³			87681.0
9/7.	P/v & spreading & compacting				
	GSB Gr-I material				
	Qty vide	TMBP-54			
	2.e	Qty = 463.16 m ³			
	@	3268.18/m ³			1513690.0
10/8.	P/v, laying, spreading & compacting WBM Gr-3 as per specification				
	Qty vide	TMBP-54			
	2.e	Qty = 303.58 m ³			
	@	4233.22/m ³			1285121.0
				4/0 =	3271372.44

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF 2	3271372.44
11/9.	P/V and applying Primer coat with bitumen emulsion				✓
	SS-4.				
	Qty vide TMBP-55				
	i.e Qty = 2964.38 m ²				
	@ 49.32/m ² = 146203.0				
12/10.	P/V & applying tack coat with bitumen emulsion.				✓
	do do all				
	complete job				

	Qty vide TMBP-55	
	i.e Qty = 2964.38 m ²	
	@ 16.67 / m ²	= 49416.0
13/11.	P/V, laying &	
	rolling of mix	
	seal surfacing	
	type 'B' do do	
	all complete job	
	Qty vide TMBP-55	
	i.e Qty = 2964.38 m ²	
	@ 218.77 / m ²	= 648517.0
14/12.	Construction of cement	
	concrete Pavement	
	M30	
	Qty vide TMBP-55	

c/o = 4115508.44

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F. =	4115508.49
		2. c Qty =	181.80 m ³		
		@	7915.88 / m ³		1439107.0
15/13		Hard shouldering			✓
		laying brick along			
		layer on prepared			
		surface			
		Qty vide TMBP-56			
		2. c Qty =	149.75 m ²		
		@	539.27 / m ²		80756.0
16/13(i)		Ordinary km stone			✓
		Qty vide TMBP-			
		Page- 56			
		2. c Qty =	2 Nos		
		@	2541.88 each		5083.0
17/13(ii)		200mm stone (precast)			✓
		Qty vide TMBP-56			
		2. c Qty =	4 Nos		
		@	699.77 each		2799.0
18/14		Plv & fixing of			✓
		typical MMUSY			
		informatory sign			
		board with			
		logo			
		Qty vide TMBP-56			
		2. c Qty =	4 Nos		
		@	10417.63 each		41670.0
				Q/O =	5684923.49

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F. =	5684923.44
19/16(i)	600 mm	equilateral triangle			✓
	Qty vide	TMBP-57			
	i.e Qty = 2 Nos				
	@	4227.96 each =			8455.0
20/16(ii)	600 mm	circular			✓
	Qty vide	TMBP-57			
	i.e Qty = 2 Nos				
	@	5693.59 each =			11387.0
21/16(iii)	800 mm X 600 mm	rectangular			✓
	Qty vide	TMBP-57			
	i.e Qty = 2 Nos				
	@	7967.06 each =			15934.0
22/16(iv)	600 mm X 450 mm	rectangular			✓
	Qty vide	TMBP-57			
	i.e Qty = 2 Nos				
	@	5543.57 each =			11087.0
23/17	Road Marking with hot applied thermoplastic compound on Bituminous surface				✓
	Qty vide	TMBP-57			
	i.e Qty = 154.8 m ²				
	@	867.76/m ² =			134329.0
					Q/O = 5866115.44

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F2	5866115.44
24/18. Road Marking with					
hot applied thermo					
plastic compound					
on concrete surface					
Qty vide TMBP-58					
i.e Qty = 60.0 m ²					
@ 372.67/m ² =					58360.0
25/19. E/W in excavation					
for foundation of					
structure for 1000mm					
dia H.P.C					
Qty vide TMBP-58					
i.e Qty = 29.8 m ³					
@ 288.02/m ³ =					8583.0
26/20. P/V M15 PCC as					
levelling course					
in foundation					
Qty vide TMBP-58					
i.e Qty = 4.6 m ³					
@ 6438.13/m ³ =					29831.44
27/21. plain/reinforced					
cement concrete					
in structure of M20					
grade in 1000mm					
dia H.P.C					
Qty vide TMBP-58					
i.e Qty = 30.06 m ³					
@ 2477.34/m ³ =					22428.87

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F =	61877.36.75
28/22. Providing and fixing					
Rec Pipe NP-3					
for culvert 1000mm ϕ					
Qty vide TMBP-59					
i.e Qty 27.5m					
@ 4261.64/m	2				31962.30
29/23. Painting on parapet					
wall of 1000mm ϕ					
H.P.C					
Qty vide TMBP-59					
i.e Qty = 20.69m ²					
@ 110.65/m ²					2283.82
30/24. E/W in excavation					
for foundation of					
structure up to 3.0m					
depth culvert 600mm					
Qty vide TMBP-59					
i.e Qty = 14.96m ³					
@ 288.02/m ³					4308.78
31/25. P/V M15 (PCC 1:2.5:5)					
as levelling course					
in foundation					
of culvert 600mm ϕ					
Qty vide TMBP-59					
i.e Qty = 2.99m ³					
@ 498.14/m ³					1499.37
				c/o =	6242972.02

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F2	6242472.02
32/26. Plain/reinforced cement concrete in structure 600mm ϕ culvert in M20 Qty vide TMBP-60 i.e Qty = 14.09 m ³ @ 7477.94/m ³ = 105369.17					
33/27. Providing and laying RCC pipe NP-3 for culvert of 600mm ϕ Qty vide TMBP-60 i.e Qty = 7.5 m					

@ 1125.22/m	=	8439.15
34/28. Painting of parapet wall of 600mm ϕ H.P.C Qty vide TMBP-60. i.e Qty = 12.48 m ² @ 110.65/m ² = 1380.91		
Total Rs =	635765.25	
Less 10% below = (-)	63576.56	
Total Rs =	5721890.0	
Deduct previous payment =	4498070.0	
Rs =	1223820.0	
Similar As per Measurement =	187365	
31.7.2020 T.E.	31.7.2020 H.E.	

Executive Engineer
B.M. Division Kathiawar