

MMGSY (SC) - 2026 to Jethwadaha

Ag.No - 19 SBD / 2021 - 22

Schedule XLV-Form No. 134

Sheeghat DIVISION

Mohampur SUB-DIVISION

M/s Jainnasa Sheraasali Construction

1413

MEASUREMENT BOOK

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Jst f Final A/c Bell					
Name of work:- Construction of					
Road from LOTS TO					
Guruchak Mazraahi					
Under MNGSY.					
Name of Agency:- NIS Jai Maan					
Sherawali Construction					
Agreement No - 19 SBD / 2021-22					
Date of work start - 28/7/21					
Date of completion - 27/7/22					
Date of Actual Completion - 10/5/2023					

[illegible]

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Concrete in open foundation Complete					
do do do all complete					
2x 6.30x 1.40 x 0.15					$= 1.65 \text{ m}^3$
(3/1) Providing concrete for plan/reinforced concrete					
in open foundation					
do do do all complete					
2x 6x 1.025 x 0.35					$= 16.61 \text{ m}^3$
1x 5.9x 1.50 x 0.25					$= 2.21 \text{ m}^3$
					18.82 m^3
(4) plan/reinforced concrete					
Concrete in Substructure					
do do do all complete					
2x 6x 0.533 x 0.8					$= 11.52 \text{ m}^3$
2x 6x 0.40 x 0.6					$= 2.88 \text{ m}^3$
educt for pipe 2x 3.14 (1.2) ² x 0.6					$= 5.136 \text{ m}^3$
					10.152 m^3
(5) providing & laying ISI					
manhole Cement concrete complete pipe					
house pipe (buried)					
conduits on floor					
clay bedding do					
do all complete					
1000 mm dia					
3x 2.5					$= 7.5 \text{ m}$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
brnd macadam					
Specification - do					
do - all complete					
B.T. Road					
40x 30x 3.75x 0.075					$= 337.5m^3$
3x 30x 3.75x 0.075					$= 25.31m^3$
1x 26x 3.75x 0.075					$= 7.31m^3$
C.C. Path					
13x 30x 3.75x 0.075					$= 109.69m^3$
1x 8x 3.75x 0.075					$= 2.25m^3$
Exp at Curve					
$\frac{5 \times (3.75 + 9.5 + 13.75 - 3.75)}{3} \times 0.075$					$= 0.65m^2$
$\frac{5 \times (3.75 + 6.50 + 13.75 - 3.75)}{3} \times 0.075$					$= 0.39m^2$
					$483.10m^2$
(2) Cement concrete pavement					
Construction of 4x reinforced					
down joint at expansion					
and construction joint					
do do all complete					
$1 \times 21 \times \frac{(7.30 + 9.50)}{2} \times 0.160$					$= 28.22m^2$
$1 \times 9 \times \frac{(5.40 + 6.70)}{2} \times 0.160$					$= 8.71m^2$
$1 \times 30 \times \frac{(6.70 + 4.25)}{2} \times 0.160$					$= 26.28m^2$
$1 \times 19 \times \frac{(6.70 + 4.25)}{2} \times 0.160$					$= 16.64m^2$
$1 \times 14 \times 15.60 \times 0.160$					$= 34.94m^2$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17) Mix soil Surfacing with waste plastic Providing, laying & rolling of corresponding Premix Surfacing material - do do - all complete job.					
	400	300	3.75	=	4500.00m ²
	30	300	3.75	=	337.50m ²
	10	260	3.75	=	97.50m ²
					4935.00m ²
(18) Road marking with hot applied thermoplastic compound with Reflecting Glass beads on Portulaca surface.					
	20	400	300	0.1	= 240.00m ²
	20	300	300	0.1	= 18.00m ²
	20	10	260	0.1	= 5.20m ²
					263.20m ²
(19) Road marking with hot applied thermoplastic					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
and an temporary					
sign board as per					
PRC-67 - do do					
all complete job.					
(2) 600 mm Circular =					8.0 m ²
(11) 600 mm square					
R for angle =					14.0 m ²
(11) 600 x 450 mm					
rectangular =					6.0 m ²
(12) 900 mm side octagon =					2.0 m ²

(57) Easement calculation					
challenge	Area	Mean Area	Distance	Volume	
0.60	5.48	—			
100.0	5.42	5.45	100	54.50	
200.0	5.56	5.49	100	54.90	
300.0	5.62	5.59	100	55.90	
400.0	5.54	5.58	100	55.80	
500.0	5.48	5.51	100	55.10	
600.0	5.52	5.50	100	55.00	
700.0	5.66	5.59	100	55.90	
800.0	5.64	5.65	100	56.50	
900.0	5.72	5.68	100	56.80	
1000.0	5.68	5.70	100	57.00	
1100.0	5.84	5.76	100	57.60	
1200.0	5.26	5.55	100	55.50	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Change	Area	Mean Area	Depth	Volume	
1300.0	5.12	5.19		1W	519.0
1400.0	5.28	5.20		1W	520.0
1500.0	5.64	5.46		1W	546.0
1600.0	5.48	5.56		1W	556.0
1700.0	4.22	4.85		1W	485.0
1800.0	0.64	2.42		1W	485.0 243.0
1854.0	0.65	0.65		54	34.82

Total Qty E/W = 9608.83 m²

(including crust)

Deduction of Crust

Subgrade = 4768.86 m²

GSB = 1216.60 m²

WBM Crd = 483.10 m²

P.C.C. = 382.77 m²

M.S.S. = 78.70 m²

6589.03 m²

Net Payable Qty of E/W

= 9608.83 - 6589.03 = 3019.80 m²

57 Construction of embankment

with approved material

obtained from borrow pit

do do complete job

(1000 m lead)

3019.80 x 30 = 905.94 m³

1W

58 Construction of embankment

with approved material

do do complete job

(100 m lead)

3019.80 x 70 = 2113.86 m³

10/5/2023
JE

1W
15-09-2023
Continuation
A-E

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Abstract of Cond				
	(All qty vide TMB)				
(1)	Excavation				
	of foundation of sto				
	do do all complete				
	Page No. - (2)	Item No. - (1)			$29.12m^3$
	Page No. - (4)	Item No. - (7)			$16.41m^3$
	Page No. - (6)	Item No. - (14)			$54.32m^3$
	Page No. - (9)	Item No. - (21)			$77.41m^3$
	Page No. - (12)	Item No. - (28)			$161.87m^3$
					$339.13m^3$
	@ Rs 305.42/m ³ = Rs 103557=				
(2)	Providing concrete for				
	plain/reinforced				
	concrete in open				
	foundation - do do				
	all complete etc				
	Page No. - (2)	Item No. - (4)			$2.65m^3$
	Page No. - (4)	Item No. - (8)			$1.45m^3$
	Page No. - (7)	Item No. - (15)			$5.35m^3$
	Page No. - (9)	Item No. - (22)			$9.67m^3$
	Page No. - (13)	Item No. - (31)			$20.25m^3$
					$39.37m^3$
	@ Rs 4763.85/m ³ = Rs 187553=				

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Page No. (12) Item No. (20) = 36.12 Hec					
Page No. (14) Item No. (38) = 68.61 Hec					
				= 104.73 Hec	
				@ 8117.74 each - Rs 12245 =	
(15) Construction of bench					
Mark & reference pillar					
Page No. (16) Item No. (39)					
1.854 km					
				@ 3746.36 / km = Rs 6946 =	
(16) Construction of reference					
Pillar / Burpees.					
Page No. (17) Item No. (39)					
1.854 km @ Rs 1706.89 / km					
				= Rs 3165 =	
(17) Clearing & grubbing					
of road land					
Page No. (17) Item No. (40)					
1.3008 Hec 1.3008 Hec					
@ 52998.20 / Hec - Rs 68940 =					
(18) Construction of subgrade					
and earthen shoulder					
do do - all					
for complete Jrb.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(48)	Miscellaneous Surfacing				
	Powering slaying				
	Graveling of close				
	gravel Paving				
	Surfacing - do do				
	all complete job.				
	Page No. - (21) Item No. - (48)				
	4935.00 M ²				
	@ Rs 195.73/M ² - Rs 965927 =				
(49)	Road marking with				
	hot applied thermo				
	plastic compound				
	do do all complete				
	Job.				
	Page No. - (21) Item No. - (49)				
	263.20 M ²				
	@ Rs 735.89/M ² - Rs 193686 =				
(30)	Road marking with				
	hot applied thermo				
	plastic compound - do				
	do - all complete Job.				
	Page No. - (21), Item No. - (50)				
	107.60 M ²				
	@ Rs 870.17/M ² - Rs 93630 =				

Continuation

37) Construction of embankment
with approved
rational standard
form borings
depth - all components
Papers (26) Item No (57)
905.94m³
V₂ = 92.02m³ = 173968 =

38) Construction of
embankment with
approved material ---
Papers (26) Item (58)
21138.5m³ (154.58)m³ - 326760 =

Continuation

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