

चौखना का नाम: → (हनुमपुरा मोड़ से मुसौला गाँव निकलकर)
कार्य

मद का नाम: → MAMG SUPY

मापी प्रत संख्या 4005
2024-2025

Schedule XLV Form No. 134.

कार्यपालक अविचलता शायीण कार्य विभाग **MAMG SUPY**
कार्य प्रमैल - आरा **(SC)** **DIVISION**

सहायक अविचलता शायीण कार्य विभाग **SUB-DIVISION**
कार्य अक्ट प्रमैल - आरा

Measurement Book

2nd Account Bill

6

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	<u>Record Entry</u>				etc
(1/1) Setting out pillars all complete job Qty = 0.201 km					
(2/2) Clearing and grubbing road land etc all complete job					
	2 X 5 X 30 X	1.5	=		480
	2 X 1 X 30 X	1.4	=		84
	2 X 1 X 21 X	1.5	=		63
	Total =				627 m ²
					0.0627 ha
(3/3) Box cutting for road way in soil etc all complete job					
	2 X 30 X 0.5 X 0.1	=			3
	2 X 3 X 30 X 0.35 X 0.1	=			6.3
	2 X 2 X 30 X 0.5 X 0.1	=			6
	2 X 1 X 10 X 0.6 X 0.1	=			1.2
	Total =				16.5 m ³
	Quantity				
(4/5) Construction of GSB G-II material etc all complete job					
	2 X 1 X 30 X 0.5 X 0.1	=			3
	2 X 3 X 30 X 0.35 X 0.1	=			6.3
	2 X 2 X 30 X 0.5 X 0.1	=			6

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		2X1X10X	0.6X0.1	=	6
			Total Qty =		16.5 m ³
(5/7) Providing, laying and compacting WBM G-III material etc all complete job					
		1X20X	$\left(\frac{3.75+2+1.8+1.5}{4} \right)$	=	45.25 m ²
		1X39X	$\left(\frac{3.75+4.5+5.7+7.5+3.9+4.9+3.75}{7} \right)$	=	189.43 m ²
		1X15	X 3.75	=	56.25 m ²
		1X18X	$\left(\frac{3.75+4.6+5+7.3+6.8+5+3.75}{7} \right)$	=	93.08 m ²
		1X16X	$\left(\frac{3.75+5.3+7.8+3.9+3.75}{5} \right)$	=	78.40 m ²
		1X15	X 3.75	=	56.25 m ²
		1X41X	$\left(\frac{3.75+5.2+6+8+9.6+8+5.7+3.75}{8} \right)$	=	256.25 m ²
		1X25X	$\left(\frac{3.75+3.4+3.75}{3} \right)$	=	90.84 m ²
		1X12X	$\left(\frac{6+4.5+3.75}{3} \right)$	=	57 m ²
			Total area	=	922.75 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
WBM G-I-II Quantity					
		322.75	0.075		69.21 m ³
(6/8) construction of panel concrete pavement etc to complete all job					
		1 x 12	$\frac{6+4.5+3.75}{3}$		$\frac{96.84}{57}$
		3 x 30	3.75		337.5
		1 x 25	$\frac{3.75+3.4+3.75}{3}$		30.84
		3 x 30	3.75		337.5
		2 x 30	3.75		225
		1 x 6	3.75		22.5
		3 x 30	3.75		337.5
		1 x 41	$\frac{3.75+5.2+6+8+9.6+8+5.7+3.75}{8}$		286.25
		3 x 30	3.75		337.5
		1 x 16	$\frac{3.75+5.2+7.8+3.9+3.75}{5}$		78.40
		1 x 30	3.75		112.5
		1 x 30	3.75		112.5
		1 x 18	$\frac{3.75+4.6+5+7.3+6.8+5+3.75}{7}$		93.08
		1 x 30	3.75		112.5

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1x39x	$\left(\begin{array}{l} 3.75 + 4.5 + 5.7 \\ + 7.5 + 3.9 + 4.9 \\ + 3.75 \end{array} \right)$			189.43
		7			
	1x20x	$\left(\begin{array}{l} 3.75 + 2 + 1.8 + 1.5 \end{array} \right)$			45.25
		4			
	<u>Total area = 2745.25 m²</u>				
	Parcel payment for quantity				
	= 2745.25 x 0.125 = 343.15				
	Limited to = 333.41				
	(as per B.O.B)				

(7/4) Construction of subgrade and
earthen shoulder etc all complete

$$2 \times 10 \times 30 \times 0.6 \times 0.325 = 117$$

$$2 \times 5 \times 30 \times 0.5 \times 0.325 = 48.75$$

$$2 \times 2 \times 30 \times 0.5 \times 0.325 = 19.50$$

$$2 \times 3 \times 30 \times 0.70 \times 0.325 = 40.95$$

$$1 \times 2 \times 30 \times 0.45 \times 0.325 = 8.775$$

$$\text{Total} = 234.975 \text{ m}^3$$

$$\text{Reuse box cutting qty} = \Rightarrow 40.40 \text{ m}^3$$

(80%)

$$\text{Total qty} = 194.58 \text{ m}^3$$

(8/9) Setting and fixing km stone
etc all complete job
Qty = 2 Nos

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9/9) Setting and fixing 200 mm stone etc all complete job Qty = 03 NOS					
(10/10) Providing and fixing 600 mm equilateral triangle etc all complete job Quantity = 06 NOS					
(11/10) Providing and fixing 600 mm circular etc all complete job Quantity = 07 NOS					
(12/10) Providing and fixing 600 x 450 mm rectangular etc all complete job Quantity = 10 NOS					
(13/10) Providing and fixing 900 mm side octagon etc all complete job Quantity = 02 NOS					
(14/10) Road marking with hot applied thermoplastic compound etc all complete job $2 \times 10 \times 30 \times 0.1 = 60$					

Particulars	Details of actual measurement			Contents of area
	No.	L	B	
		2 X 10 X 30 X 0.100 =	60	
		2 X 2 X 30 X 0.100 =	12	
		2 X 1 X 27 X 0.100 =	5.4	
		Total Qty =	137.4 m ²	

(15/12) Providing and fixing typical
MMGSY informatory sign boards
with logo etc
all complete job
Qty = 0/ NO.

(16/13) Excavation for structure
below pipe & existing bed
etc all complete job

$$1 \times 6 \times 0.6 \times 1.0 = 3.60 \text{ m}^2$$

(17/13) Laying 1st class bedding
on well compacted sand
etc all complete
job

$$1 \times 7.50 \times 0.6 \times 0.25 = 1.13 \text{ m}^2$$

(18/13) Providing and laying 300 mm
dia. NP3 pipe etc
all complete job

$$1 \times 7.50 = 7.50 \text{ meter}$$

(19/14) Earthwork in excavation for foundation
of structure etc complete all job
Below pipe

$$1 \times 4.896 \times 1.13 \times 0.365 = 1.94 \text{ m}^2$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of cost</u>					
1) Setting out pillars etc to complete all job					
Qty vide MB Pg No. (1) + (6) = 0.7 Km					
① Rs 13880.83/Km					= Rs 9717.00
2) clearing and grubbing road land ----- etc to complete all job					
Qty vide MB Pg. (1) + (6) = 0.21 ha					
① Rs 72891/ha					= Rs 9404.00
3) Box cutting for road way etc to complete all job					
Qty vide MB Pg. (2) + (6) = 50.52 m ³					
① Rs 95.95/m ³					= Rs 4949.00
4) Scarifying bituminous surface etc to complete all job					
Qty vide MB Pg. (2) = 854 m ²					
① Rs 19.05/m ²					= Rs 16628.00
5) Const of GSB-GIT material etc to complete all job					
Qty vide MB Pg (2) + (7) = 50.52 m ³					
Limited to (as per BOQ) ≈ 49.00 m ³					
① Rs 2377.59/m ³					= Rs 116502.00
6) Providing and laying WBM GIT etc to complete all job					
Qty vide MB Pg No. (2) + (8) = 205.90 m ³					
Limited (as per BOQ) ≈ 196.88 m ³					
① Rs 4690.95/m ³					= Rs 923554.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7) Construction of panel concrete pavement ----- etc to complete all job					
Qty vide MB Pg. (63) = 333.41 m ³					
① Rs 7418.68/m ³					= Rs 2473462.00
(8) Construction of subgrade and earthen shoulder ----- etc to complete all job					
Qty vide MB Pg. (25) = 194.58 m ³					
① Rs 243.95/m ³					= Rs 47475.00
(9) setting & fixing km stone ----- etc to complete all job					
Qty vide MB Pg. (63) = 02 Nos					
① Rs 2627.79/No.					= Rs 5255.00
(10) Setting & fixing 200mm stone ----- etc to complete all job					
Qty vide MB Pg. (10) = 03 Nos					
① Rs 747.23/No.					= Rs 2241.00
(11) providing & fixing 600 mm equilateral triangle ----- etc to complete all job					
Qty vide MB Pg. (10) = 06 Nos					
① Rs 4031.72/No.					= Rs 24190.00
(12) providing & fixing 600 mm circular recto ----- etc to complete all job					
Qty vide MB Pg. (16) = 07 Nos					
① Rs 3946.27/No.					= Rs 27623.00
(13) Providing & fixing 600X450 mm recto ----- etc to complete all job					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty vide MB Pg. ⑩ = 10 Nos					
⑩ Rs 3811.44 / No.					= Rs 38114.00
(14) Providing and fixing 950 mm side Octagon — — — — — etc to complete all job					
Qty vide MB Pg. ⑩ = 02 Nos					
⑩ 7980.82 / No.					= Rs 15962.00
(15) Road marking with hot applied thermoplastic compound — — — — — etc to complete all job					
Qty vide MB Pg. No ⑪ = 137.4 m ²					
⑪ Rs 912.55 / m ²					= Rs 125390.00
(16) Providing and fixing typical MMGSX International sign board					
Qty vide MB Page ②, ⑪ = 03 Nos					
⑪ Rs 10049.11 / No. =					Rs 30147.00
(17) Excavation for structure below pipe existing bed — — — — — etc to complete all job					
Qty vide MB Pg ⑪ = 360 m ³					
⑪ Rs 384.62 / m ³					= Rs 1384.00
(18) Laying 1st class bedding as well compacted sand — — — — — etc to complete all job					
Qty vide MB Pg. ⑪ = 1.12 m ³					
⑪ Rs 536.62 / m ³					= Rs 606.00
(19) Providing and laying 300 mm dia N.P. pipe — — — — — etc to complete all job					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty vide MB page ⑪ = 7.50 m					
② Rs 768.83 /m					= Rs 5765.00
(20) Earthwork in excavation for foundation of structure — — — etc to complete all job					
Qty vide MB page ⑪ = 1.94 /m ³					
② 384.62 /m ³					= Rs 746.00
(21) Providing M15 as levelling course in foundation — — — etc to complete all job					
Qty vide MB pg. ⑫ = 1.40 m ³					
② Rs 5973.50 /m ³					= Rs 9557.00

(22) Providing and laying RCC MB pipe for culvert 600 mm dia					
Qty vide MB pg. ⑫ = 7.50 m					
② Rs 3005.84					= Rs 22543.00
Total					Rs 331113.00
Add Less (1%)					= (+) 33111.00
Add S. Fee					(+) 70690.00
Total					Rs 4020914.00
Add GST (18%)					(+) Rs 723765.00
Grand total =					Rs 4744679.00
below (15.14%) as per rate of agreement					(-) Rs 718345.00
					Rs 4026334.00
Deduction as per previous bill					(-) Rs 900000.00

Continuation