

Name of Work: - Construction of MMSY Road from
Chandrasaina Soman Ram's house To
NH 104 Chandrasaina in Chorah Block.
Schedule XLV-Form No. 134

Lead - MMSY (S)

राष्ट्रीय कार्य विभाग कार्य प्रशस्य युक्त DIVISION

राष्ट्रीय कार्य विभाग कार्य प्रशस्य युक्त SUB-DIVISION

MEASUREMENT BOOK

NP-2312

M/s Maa Ganga Construction. East Champaran

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W:- Const. of mortar road from chondra Saina Soman Road house to NH 104 chondra Saina in Chondra Block.					
Agency:- M/s maa Ganga Const.					
(East - Chondra)					
Agreement no:- 79/SAD/2019.22					
Date of Survey					
:- 04/03/20					

Date of Completion					
:- 05/03/21					
Actual date of Comp					
:-					
/					
SL No (1) R.C.C (m/s)					
200 Km Stone					
Qty - 2 m ³					
(ii) 200m stone					
- 2 x 4 = 6 m ³					
SL No (2) For R.C.C Boundary					
pillars and comp					
Qty - 40 m ³					

Continuation

Abstract of cost

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
S.L. NO (1) Port on fixing of working bench work pillars					
Qty - vide T.M.B.P. (12)		1.325 km			
@ ₹ 4213 = 95/km				₹	5583.00
S.L. NO (2) Reference pillars					
Qty - vide T.M.B.P. (12)		1.325 km			
@ ₹ 1949 = 45/km				₹	2583.00

S.L. NO (3) clearing and grubbing road land including all comp job.					
Qty - vide T.M.B.P. (13)		0.93 Ha			
@ ₹ 49996 = 70/ha				₹	46032.00
S.L. NO (4) Accretion tax road way in earth by manual means					
Qty - vide T.M.B.P. (13)		30.00 m ³			
@ ₹ 470/m ³				₹	2223.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SL No (5/1) Const of embankment - material obtained from borrow pit including surplus job					
(A) lead 1000m					
Qty - vol of TMBP (12)					
- 143.00 m ³					
② 175 = 11/m ³ - 25041.20					
(B) lead 100m					
Qty - vol of TMBP (13)					
- 116.60 m ³					
② 138 = 17/m ³ - 8529.00					
SL No (6/6) Const of subgrade and earthen shoulder work in all obtained from borrow pits on complete job					
Per Flexible & rigid road					
Qty - vol of TMBP (14)					
- 1579.50 m ³					
- 167.50 m ³					
Vol - 1747.00 m ³					
Qty - vol of TMBP (15/14)					
- 592.683 m ³					
- 2339.683 m ³					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
② $176 = 78 \text{ m}^3$ — $2418539 = 00$					
SLNO (B/A) Pr and laying					
spreading compacting					
stone aggregate					
as worn by Gr-B					
Qty - wide TMBP - (15/15)					
(A) For Flexible road					
— 207.96 m^3					
② $3210 = 20 \text{ m}^3$ — $2667592 = 00$					
(B) for Rigid road					
115.38 m^3					
wide TMBP - (22/12)					
— 52.102 m^3					
— 173.522 m^3					
Limit to 172.13 m^3					
② $3210 = 20 \text{ m}^3$ — $252572 = 00$					
SLNO (B/A) Pr/cons of					
Gr. S. B by providing					
well graded material					
spreading is uniform					
layers all over					
Qty - wide TMBP - (13)					
(D) Flexible road -					
— 598.88 m^3					
② $2637 = 83 \text{ m}^3$ — $2199344 = 00$					
(B) Rigid road					
— 11.70 m^3					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty - vide TMB P- 23/1					
		57.10 m ³			
		99.30 m ³			
Limit to 91.50 m ³					
@ $\Sigma 2633 = 82/\text{m}^2$ - $\Sigma 241861.00$					
Sino (2/4) cons of					
un-reinforced p.c					
borement to other					
columns etc a p.c					
limited sub-base					
see Contd:					
Qty - vide TMB P- (15)					
		240.12 m ³			
Vide TMB P. (25/1)					
		123.04 m ³			
		369.16 m ³			
Limit to 367.20 m ³					
@ $\Sigma 7629 = 72/\text{m}^3$ - $\Sigma 280520.50$					
Sino (10/4) p.c and					
firing masonry					
interrelation band					
between barrel					
are complete job					
as per c/d.					
Qty - vide TMB P- (11)					
		4 nos			
@ $\Sigma 11018 = 38/\text{m}^3$ - $\Sigma 44093.00$					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SL NO (11/15) i. Pr R.C.C (100%)					
100 Km stone					
vide TMB P- (13/1)					
- 2 Nos					
@ ₹ 22398.83/m ²					₹ 4998.00
(1/2) 200 m stone					
- 6 m ²					
@ ₹ 639.44/m ²					₹ 3838.00
SL NO (12/16) P. boundaries					
billboard all comp					
Qty - vide TMB P- (12/1)					
- 40402					
@ ₹ 482.08/m ²					₹ 19283.00
SL NO (13/1) P. and laying					
of R.C.C duct pipe					
of 300mm dia for					
all comp job.					
Qty - vide TMB P- 18/3					
- 45 m					
@ ₹ 865.24/m					₹ 38936.00
SL NO (14/17) P. and					
fixing of Retard					
reflective cautioning					
mandatory and					
Informatory sign					
board all comp					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty - wide TMB P- (18/4)					
(i) 600mm (circular)					
Qty - 8 m ²					
@ ₹ 4860 = 42/m ² - ₹ 38907.00					
(ii) 900mm square					
Qty - 4 m ²					
@ ₹ 5540 = 04/m ² - ₹ 22040.00					
(iii) 600mm x 450mm (rectangular)					
Qty - 4 m ²					
@ ₹ 4737 = 97/m ² - ₹ 18951.00					

SL No (15/27) Prant erecting direction board					
Place board along					
Qty wide TMB P- 18/5					
- 1 m ²					
@ ₹ 3233 = 75/m ² - ₹ 3233.00					
SL No (16/30) Planting of tree by roadside including all comp job as per S/O of B/S.					
Qty - wide TMB P- 19/6					
- 72 m ²					
@ ₹ 200 = 30/m ² - ₹ 57621.00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SL NO. (17/11) for laying and rolling of closed graded premix surface material of the 20mm on comp job.					
Qty - wide TMB P. (20/11)					
- 2773.73 m ²					
@ ₹ 195 = 70/m ² - ₹ 542402 =					
SL NO (18/11) for and applying of primer coat with bitumen emulsion on comp					
Qty - wide TMB P. (20/11)					
- 2773.13 m ²					
@ ₹ 11.27/m ² - ₹ 114447 = 00					
SL NO (19/10) for and laying and applying of tack coat with bitumen emulsion including all complete job.					
Qty - wide TMB P. (20/11)					
- 2773.13 m ²					
@ ₹ 14.00/m ² - ₹ 98824 =					
SL NO (20/11) for and laying of hot applied thermoplastic comp.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
including all work					
Qty - wide T.M.P. 25/10					
- 145.00 m ²					
@ ₹ 735.40/m ² -					₹ 106600
SLNO (24/15) for and applied					
hot thermoplastic					
Compound as per					
Qty - wide T.M.P. 25/10					
- 120.00 m ²					
@ ₹ 820.82/m ² -					₹ 98499
SLNO (23/16) for and					
laying of hot thermoplastic					
Compound as per					
Qty - wide T.M.P. 25/10					
- 120.00 m ²					
@ ₹ 820.82/m ² -					₹ 98499.00
SLNO (23/24) for 3 km					
work including					
all complete job					
Qty - wide T.M.P. 25/10					
- 3.12 m ²					
@ ₹ 5946.19/m ² -					₹ 18646.00
SLNO (24/25) for (1000)					
is capitalizing					
Qty - wide T.M.P. 25/10					
- 12 m ²					
@ ₹ 480.62/m ² -					₹ 5887.44

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SL-10 (25/26) plastering					
12 cm (1:4) on 3/4"					
including all comp					
Qty. wet temp P (25/26)					
- 21.76 m ²					
② 21.96 = 21/100 ² - ₹ 4270=00					
total = ₹ 7608592=00					
Add 12% for					
G.L.T - ₹ 913031=00					
Add 3% for					
W.C.C. - ₹ 76086=00					
total = ₹ 8597709=00					

Less 3.87% or					
below - ₹ 332731=00					
Net = ₹ 8264978=00					
Less 2nd on					
Bill - ₹ 5569943=00					
Net payable - ₹ 2695035=00					
Sag 26,95,035=00					

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