

MMGSY-NDR-BRD-17-CHARA-2

MMGSY-TRAFFIC

MB.No
3102

(ND of ROAD-10)

एकमा भारपर ओडक से पूरणीकर आदि डीआ तक।

MMGSY P.V.D.

एकर नामा सं०-2838D/18-19

DRIVER

संवेदक का नाम: संदीप कुमार

SID-DIVISION

अहमदापुर

अहमदापुर

MMGSY P.V.D.

MB.No 3102

Name of work -
 Location of work
 Agency by which work is executed
 Date of measurement -
 and date of agreement

These four lines should be repeated at the commence-
 ment of the measurements relating to each work.

Particulars	Details of survey measurements				Contents others
	No	L	B	D	
Name of work - Ekma Mashrakh					
Grandak colony to					
Prithvi Nagar Ashir tala					
Agency - Sandeep kumar					
Agreement date - 28 SBO/2018-2019					
Date of start of work - 11/10/2018					
Date of completion - 10/10/2019					

Measurement

1. setting out pillars

Providing & fixing of
reference mark pillars

— do — — — — — 2 NO.

2. clearing and grubbing

road land - do

as per tech. specification

— do — — — — —

$$18 \times 25 \times 3.5 = 1575 \text{ m}^3$$

$$= \frac{1575}{10000} = 0.1575 = 0.157 \text{ Hect}$$

3. Excavation for roadwork

in soil - do - - -

$$2 \times 18 \times 25 \times 0.375 \times 0.1 = 33.75 \text{ m}^3$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
4. const. of embankment with material obtained from borrow pits					
do					
(A) For 1000 m lead					
PPM $[2 \times 12 \times 2.5 \times 0.5 \times 0.35]$					10.5 m^3
				Limit to	94.09 m^3
(B) For 100 m lead					
PPM $[2 \times 12 \times 2.5 \times 0.75 \times 0.5]$					22.5 m^3
				Limit to	219.53 m^3
(5) const. of subgrade and earthen shoulders					
do					
Adjacent of to GSB					
PPM $[2 \times 18 \times 2.5 \times 0.675 \times 0.1]$					60.75 m^3
Adjacent of WBM					
PPM $[2 \times 18 \times 2.5 \times 0.450 \times 0.075]$					30.38 m^3
				Total	91.13 m^3
(6) const. of granular sub-base					
do					
as per tech. specification					
GSB in widening					
PPM $[2 \times 18 \times 2.5 \times 0.375 \times 0.10]$					33.75 m^3
For levelling course					
PPM $[4 \times 9 \times 3.0 \times 0.10]$					10.80 m^3
				Total	44.55 m^3

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
⑦ Providing laying spreading and compacting stone aggregates as per tech. specification					
PF _{SW} [18X25X3.75X0.075]					126.56m ³
⑧ const. of un-reinforced plain cement concrete					
do					
as per tech. specification					
4X25X3.75X0.162					60m ³
4X25X3.70X0.16					59.20m ³
4X25X3.80X0.16					60.80m ³
4X25X3.80X0.162					60.80m ³
2X25X3.65X0.16					29.20m ³
					29.20m ³
					270.00m ³
					270.00m ³
⑨ Reinforced cement concrete m-15 grade					
do					
(i) km stone - - - - -					1 No.
(ii) 200m stone - - - - -					2 No.
⑩ Providing and fixing of retro-reflective cautionary mandatory and intermorary sign board - - - - -					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(i) 600mm equilateral triangle — ent	2 No.				
(ii) 600mm circular —	2 No.				
(iii) 600mm x 450mm rectangular — ent	2 No.				
(11) Providing and fixing of typical masonry informatory signboard with logo — ent	1 No.				
citizen information board — ent	1 No.				
maintenance board ent	1 No.				
Total	3 No.				

(12) H.P culvert 600mm dia

(i) Excavation					
Head wall					
$2 \times 4.15 \times 1.40 \times 1.47$					$17.08 m^3$
U/S Apron					
$1 \times 3.85 \times 1.16 \times 0.60$					$2.68 m^3$
D/S Apron					
$1 \times 3.85 \times 2.0 \times 0.60$					$4.62 m^3$
$1 \times 3.85 \times 0.6 \times 0.30$					$0.69 m^3$
Bedding					
$5.78 \times 1.07 \times 0.25$					1.55
Continuation					
Total					$26.62 m^3$

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(ii) Bedding in PCC m-15					
do					
5.78 X 1.07 X 0.55 =					3.40 m ³
Deduction for pipe					
5.78 X 0.22 =					1.27 m ³
Total					2.13 m ³
(iii) PCC m-15 in open foundation - do -					
2 X 3.85 X 1.40 X 0.15 =					1.62 m ³
(iv) Headwall in brick masonry 1:4					
(a) Headwall					
2 X 3.85 X 0.825 X 2.005 =					12.74 m ³
Parapet					
2 X 3.85 X 0.60 X 0.40 =					1.85 m ³
corn					
2 X 0.465 X 0.61 =					0.57 m ³
Total					14.02 m ³
(v) Providing and laying					
pipe NP-3 600 mm					
dia - - - do - -					
3 X 2.50 =					7.50 m
(vi) Plastering with cement mortar (1:4)					
(a) Parapet side					
4 X 3.85 X 1.0 =					15.4 m ²
(b) Parapet face					
4 X 0.41 X 0.50 =					0.80 m ²
(c) Top					
2 X 3.85 X 0.40 =					3.08 m ²

Continuation

P.T.O

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
① Head wall sides					
$2 \times 3.85 \times 0.60 =$					4.62 m^2
Total (at + to) =					23.90 m^2
Fit Limit =					14.02 m^2

G Singh
07/10/2019
JE

RPS
10-8-2021
AE

material statement

- ① E/W = 404.75 m^3
- ② stone metal = 442.68 m^3
- ③ coarse sand = 138.19 m^3
- ④ Brick = 7010 NO.
- ⑤ Stone screening = 30.374 m^3

G Singh
07/10/2019
JE

RPS
10-8-2021
AE

Continuation

Abstract of cost

Sch. XLV-Form No. 134

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
1. setting out pillars					
do					
ant = 2 No. vick					
TMB Page - (1)					
item (1) @ Rs 1805.66 =					Rs 3611 =
2. clearing & grubbing road land					
do					
ant = 0.157 Hect					
Page - (1) item - (2)					
@ Rs 48712.70 =					Rs 76572
3. Excavation for reetwork in soil					
do					
ant = 33.75 m ³					
Page - (1) item - (3)					
@ Rs 77.65/m ³ =					Rs 2620 =
4. const. of embankment with material obtained from borrow pits					
do					
(A) For 1000 m lead					
ant = 94.09 m ³ P - (2)					
item 4(A) @ Rs 155.64/m ³					
					= Rs 14644 =
(B) For 100 m lead					
ant = 219.53 m ³ P - (2)					
item - 4(B) @ Rs 134.82/m ³					
					= Rs 29597 =
C/o Rs 58129 =					

B/P Rs 581292

Sch. XLV-Form No. 134

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
5. const. of culbgrade of earthen shoulders					
do					
Qnt = 91.13 m ³	P-(2)				
item - (5) @ Rs 157.38/m ³					
				2 Rs	14342.04
				2 Rs	14342.04
6. const. of granular culbuse					
do					
Qnt = 44.55 m ³	P-(2)				
item - (6) @ Rs 2882.35/m ³					
				Rs	128408.00
7. Providing Laying spreading and compaction of stone aggregates					
do					
Qnt = 126.56 m ³	P-(3)				
item - (7) @ Rs 3913.35/m ³					
				Rs	495273.00
8. const. of un-reinforced plain cement concrete					
do					
Qnt = 270 m ³	P-(3)				
item - (8) @ Rs 7709.40/m ³					
				Rs	2081538.00
9. Providing and Laying of concrete					
do					
Qnt = 270 m ³	P-(3)				
item - (9) @ Rs 7709.40/m ³					
				Rs	2081538.00

Continuation

C/O T.M 2777690

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(9) Reinforced cement concrete M-15 grade					
— do —					
(i) 1st 1 Km stone					
Qnt = 1 No. P-(3)					
Item - 9(i)					
@ Rs 2812.22/No					
				Rs	2812=
(ii) 200 m stone					
Qnt = 2 No. P-(3)					
Item 9(ii) @ Rs 664.84/m ³					
				Rs	13292
(10) Providing & fixing of retro-reflective cautionary, mandatory and informative signboard					
— do —					
(i) 600 mm equilateral triangle					
Qnt = 2 No. P-(4)					
Item - 1770.65/M					
Item - 10 (i)					
@ Rs 1770.65/No					
				Rs	3541=
(ii) 600 mm side circle					
Qnt = 2 No. P-(4)					
Item - 10 (ii) @ Rs 1838.80					

Continuation

Rs 3677.60

say Rs 3677=

C/O T.R 2789049

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(iii) 600mm x 450mm rcc angular do					
ent = 2 NO. P- (4)					
item - 10 (iii)					
@ Rs 1831.83 / M ² = Rs					3663 =
(11) Providing & fixing of typical mm of informatory sign board with logo do					
ent = 3 NO. P- (4)					
item - (11) @ Rs 9738.55 / M					
					= Rs 29215 =
H.P culvert					
(12) Excavation					
ent = 26.62 m ³ P- (4)					
item - (12) @ Rs 254.55 / m ³					
					= Rs 6776 =
(ii) Bedding in PCC m-15					
do					
ent = 2.13 m ² P- (5)					
item - 12 (ii)					
@ Rs 386.68 / m ² = Rs					823 =
(iii) PCC m-15 in open found					
ent = 1.62 m ² P- (5)					
item - 12 (iii) @ Rs 5939.76 / m ³					
					= Rs 9622 =

c/o Rs 2839148

B/F R 2839148

Sch. XLV-Form No. 134

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	

(iv) Headwall in brick
masonry 1:4

do

Qnt = 14.02 m³ P-(5)

item - 12 (iv)

@ Rs 5632.23 / m³ = Rs 78963 =

(v) Providing & laying

pipe 110-3

do

Qnt = 7.50 m P-(5)

item - 12 (v)

@ Rs 1572.76 / m

2 Rs

Rs 11795 =

(vi) plastering with
cement mortar

do

Qnt = 14.02 m² P-(6)

item - 12 (vi) @ Rs 158.58

= Rs 2223 =

Total Rs 2932129 =

U/singh
07/10/2019
JE

PRG
10-8-2021
AA

16-8-21
R.R.

Continuation