

અવગીતિ રો જોઇ વિગત

રોવેદક:- સર્જીશ કુમાર

MMGXX

Schedule XLV-Form No. 134

DIVISION

Executive Engineer

R.W.D. (W) Division

Arwal

SUB-DIVISION

MEASUREMENT BOOK

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Name of work -

Situation of work -

Agency by which work is executed -

Date of measurement -

No. and date of agreement.

(These four lines should be repeated at the commencement of the measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work - Construction					
of road from five year					
maintenance Abgila to					
Baid Bigha road					
Under - MMGSY (S)					
Name of Agency - Marish Kumar					
Agreement No - 20/5/30/					
MMGSY/2019-2020					
Date of start 30-07-2019					
Date of completion - 20-4-2020					
Date of measurement					
- 30-4-2020					
(1) Setting out pillars					
providing & fixing of					
Reference mark pillars					
2 No - Total: 2 No					
(2) Clearing and grubbing					
Road Land (By manual labour)					
including - - - - - 6/1					
$1 \times 30.00m \times \frac{3.10+3.40}{2} = 97.5m^2$					
$1 \times 30.00m \times \frac{3.20+3.75}{2} = 104.25m^2$					
$1 \times 30.00m \times \frac{3.75+3.80}{2} = 115.25m^2$					

Continuation

2nd on 910 hill

Abstract of cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) setting out pillar					
2ND - V.T.M.B.P. - (5) items (1)					
@ Rs 1673.423/each - Rs 3346=					
(2) clearing and grubbing road land					
0.1403 ha - V.T.M.B.P. - (5) item (2)					
@ Rs 49739.47/ha - Rs 69782=					
(3) construction of embankment with material obtained from borrow pit					
pit 3					
173.16 m ³ - V.T.M.B.P. (5) item (1)					
@ Rs 187.226/m ³ - Rs 32420=					
494.04 m ³ - V.T.M.B.P. (5) item (2)					
@ Rs 14239/m ³ - Rs 57531=					
(4) construction of L.B. by providing well graded material					
157.39 m ³ - V.T.M.B.P. (1) item (1)					
@ Rs 2312.46/m ³ - Rs 363742=					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) providing Laying Spreading and Compacting Stone WBM - 50 mm - 111					
119.02 m ² - U.T.M.B.P. - (12) item (2)					
@ Rs 183.597/m ² - Rs 378912 =					
(6) construction of un- reinforced cement Concrete pavement.					
252.20 m ² - U.T.M.B.P. - (12) item (3)					
@ Rs 6358.11/m ² - Rs 1603515 =					
(7) plv and fixing of typical masonry in form - top sign board					
2 NA = V.T.M.B.P. - (6) item (6)					
@ Rs 9905.596/each - Rs 19811 =					
less @ 10% below as per Agreement					Rs 2529059
less provision billage					Rs 2276153 =
(7)					Rs 679940
					Rs 596713 =
					11/06/20
					J-15
					21/05/21
					Continuation
					AF.

and on A/C bill

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Construction of road from five year maintenance 1268/19 to					
Baid bigha road					
under MMBSYS CSC					
Agency - MGRISH Kalyan					
Agreement No - 20/5BD/MMBSY/					
2019-20					
Date of start - 30-07-2019					
Date of completion - 20-04-2020					

(1) Construction of granular					
Sub-base by providing					
Well graded A10 + 10					
Up to date measurement					
15.00m	$\frac{3.75 + 4.85}{2}$			$\times 0.10m$	$= 6.45m^3$
30.00m	$\frac{2.9 + 2.5}{2}$			$\times 0.10m$	$= 8.10m^3$
30.00m	$\frac{2.5 + 2.9 + 3.3}{3}$			$\times 0.10m$	$= 8.70m^3$
30.00m	$\frac{3.3 + 3.85}{2}$			$\times 0.10m$	$= 10.72m^3$
30.00m	$\frac{3.85 + 2.95}{2}$			$\times 0.10m$	$= 10.20m^3$
30.00m	$\frac{2.95 + 3.10}{2}$			$\times 0.10m$	$= 9.075m^3$
30.00m	$\frac{3.10 + 3.6}{2}$			$\times 0.10m$	$= 10.05m^3$
30.00m	$\frac{3.6 + 4.5 + 3.75}{3}$			$\times 0.10m$	$= 11.65m^3$
30.00m	$3.75m$			$\times 0.10m$	$= 11.85m^3$
30.00m	$3.85m$			$\times 0.10m$	$= 11.55m^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
30.00m x $\frac{3.85+3.75}{2}$				x 0.10m	= 11.32 m ²
29.00m x $\frac{3.6+3.75}{2}$				x 0.10m	= 10.65 m ²
30.00m x $\frac{3.25+3.20}{2}$				x 0.10m	= 10.42 m ²
30.00m x $\frac{3.20+3.0}{2}$				x 0.10m	= 9.60 m ²
30.00m x $\frac{3.2+3.0}{2}$				x 0.10m	= 9.30 m ²
30.00m x 3.20m				x 0.10m	= 9.60 m ²
					157.30 m ²
(2) p.m., Laying, Spreading					
and Compacting stone					
W.B.M. 1:1					
up to 400 measurements					
15.00m x $\frac{3.75+4.85}{2}$				x 0.075m	= 4.82 m ²
30.00m x $\frac{2.9+2.5}{2}$				x 0.075m	= 6.08 m ²
30.00m x $\frac{2.5+2.9+3.3}{3}$				x 0.075m	= 6.52 m ²
30.00m x $\frac{3.3+3.85}{2}$				x 0.075m	= 8.04 m ²
30.00m x $\frac{3.85+2.95}{2}$				x 0.075m	= 7.65 m ²
30.00m x $\frac{2.95+3.10}{2}$				x 0.075m	= 6.80 m ²
30.00m x $\frac{3.10+3.60}{2}$				x 0.075m	= 7.53 m ²
30.00m x $\frac{3.6+4.5+3.75}{3}$				x 0.075m	= 8.73 m ²
30.00m x $\frac{3.75+3.75}{2}$				x 0.075m	= 8.44 m ²
29.00m x $\frac{3.6+3.75}{2}$				x 0.075m	= 7.99 m ²
30.00m x 3.85m				x 0.075m	= 8.66 m ²
30.00m x $\frac{3.85+3.75}{2}$				x 0.075m	= 8.55 m ²
30.00m x $\frac{3.75+3.75}{2}$				x 0.075m	= 7.82 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$30.00m \times \frac{3.25 + 3.20}{2} \times 0.075m =$					$7.82m^2$
$30.00m \times 3.20m \times 0.075m =$					$7.20m^2$
$30.00m \times \frac{7.20 + 3}{2} \times 0.075m =$					$6.95m^2$
$30.00m \times 3.20m \times 0.075m =$					$7.20m^2$
					<u>$119.02m^2$</u>

3) Construction of U-Channel

- for (a) Cement concrete

pavement.

$15.00m \times \frac{0.15 + 0.16}{2} =$					
$15.00m \times \frac{3.25 + 4.85}{2} \times \frac{0.15 + 0.16}{2} =$					$10.00m^2$
$30.00m \times \frac{2.9 + 2.5}{2} \times \frac{0.155 + 0.165}{2} =$					$12.96m^2$
$30.00m \times \frac{2.5 + 2.9 + 3.2}{3} \times \frac{0.145 + 0.16}{2} =$					$13.27m^2$
$30.00m \times \frac{3.3 + 2.85}{2} \times \frac{0.150 + 0.160}{2} =$					$16.62m^2$
$30.00m \times \frac{3.85 + 2.95}{2} \times \frac{0.15 + 0.17}{2} =$					$14.32m^2$
$30.00m \times \frac{2.95 + 3.10}{2} \times 0.160m =$					$14.52m^2$
$30.00m \times \frac{3.10 + 3.6}{2} \times 0.160m =$					$16.08m^2$
$30.00m \times \frac{3.6 + 4.3 + 3.75}{3} \times \frac{0.155 + 0.165}{2} =$					$18.64m^2$
$30.00m \times 3.25m \times 0.160m =$					$18.00m^2$
$30.00m \times 3.85m \times 0.160m =$					$18.42m^2$
$30.00m \times \frac{3.85 + 3.75}{2} \times \frac{0.155 + 0.165}{2} =$					$18.24m^2$
$30.00m \times \frac{3.75 + 3.20}{2} \times 0.160m =$					$16.48m^2$
$30.00m \times 3.20m \times 0.160m =$					$15.36m^2$
$30.00m \times \frac{3.20m + 3}{2} \times \frac{0.15 + 0.17}{2} =$					$14.88m^2$
$30.00m \times 3.20m \times \frac{0.155 + 0.165}{2} =$					$15.36m^2$

Continuation

$$29.00m \times \frac{3.6 + 3.75}{2} \times \frac{0.15 + 0.165}{2} = 16.70m^2$$

 $252.20m^2$

[illegible]