

MARYSXY NEW S.C

12.13.10-3232

ସମସ୍ତ ସାମଗ୍ରୀ ପ୍ରାୟ ୩୩୨୭୦୦ ଟଙ୍କା ପ୍ରାୟ
ପ୍ରାୟ ୩୩୨୭୦୦ ଟଙ୍କା

Measurement Book

Schedule XLV-Form No. 134

ସମସ୍ତ ସାମଗ୍ରୀ ପ୍ରାୟ ୩୩୨୭୦୦ ଟଙ୍କା
ସମସ୍ତ ସାମଗ୍ରୀ ପ୍ରାୟ ୩୩୨୭୦୦ ଟଙ୍କା

DIVISION

SUB-DIVISION

12.13.10-3232

1st on Alc bill

1

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.	
N/W:-	Construction of Road				
	8 CD works for from				
	Kumhar Sachhpur Path				
	32 Annual tak under mm				
	MMHSY (SC) at block				
	Jabalpur.				
N/Agency:-	Sri Rajeev Kumar				
	Singh.				
Ass. NO:-	45/SRD/2019-20				

Date of start—	06.08.2019
Date of completion—	05.08.2020
Date of measurement—	17.03.2021
<u>Items of works</u>	
①	PIV & fixing of working
	Bench mark pillars = 1.00 No
②	PIV & fixing of reference
	pillars = 6.00 Nos
③	clearing & grubbing
	of road land—
	2x 10x30.00m x 3.50m = 2100.00m ²
	2x 8x30.00m x 3.50m = 1680.00m ²
	2x 10x30.00m x 2.50m = 1500.00m ²
	2x 8x30.00m x 2.50m = 1200.00m ²

Total = 6480.00m²

Continuation

= 0.648 Hect

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) Box cutting — Excavation for roadway in soil —					
For B.T. portion —					
2x 10x30.00m x 0.525m x 0.10m =					31.50m ³
2x 7x30.00m x 0.525m x 0.10m =					22.05m ³
2x 1x10.00m x 0.525m x 0.10m =					1.05m ³
For C.C. portion,					
2x 10x30.00m x 0.375m x 0.10m =					22.50m ³
2x 7x30.00m x 0.375m x 0.10m =					15.75m ³
2x					
				Total =	92.85m ³

(5) Construction of Embankment with material obtained from borrow pit with a local upto 100m x 100m.					
For B.T. portion —					
2x5x30.00m	1.50m	0.60m			$= 261.00m^3$
2x5x30.00m	1.450m	0.60m			$= 261.00m^3$
2x5x30.00m	1.450m	0.60m			$= 261.00m^3$
2x5x30.00m	1.450m	0.60m			$= 261.00m^3$
For C.C. portion —					
2x5x30.00m	1.200m	0.30m			$= 108.00m^3$
2x5x30.00m	1.200m	0.30m			$= 108.00m^3$
2x5x30.00m	1.200m	0.30m			$= 108.00m^3$
2x4x30.00m	1.20m	0.30m			$= 86.40m^3$
Qty. of C.C. Continuation Total =					$1454.40m^3$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		Qty BIF = 1454			
		$= 1454.40 \text{ m}^2$			
(i) (a) 1000 m lead =		494.96 m^2			
(ii) (a) 100 m lead =		959.90 m^2			
(6) Construction of granule.					
Subbase by partially coarse graded material.					
For B.T. portion					
9m box cutting —					
$2 \times 10 \times 30.00 \text{ m} \times 0.525 \text{ m} \times 0.10 \text{ m} = 31.50 \text{ m}^3$					
$2 \times 7 \times 30.00 \text{ m} \times 0.525 \text{ m} \times 0.10 \text{ m} = 22.05 \text{ m}^3$					
$2 \times 1 \times 10.00 \text{ m} \times 0.525 \text{ m} \times 0.10 \text{ m} = 1.05 \text{ m}^3$					
on full width —					
$4 \times 10 \times 30.00 \text{ m} \times 4.050 \text{ m} \times 0.10 \text{ m} = 121.50 \text{ m}^3$					
$1 \times 7 \times 30.00 \text{ m} \times 4.050 \text{ m} \times 0.10 \text{ m} = 85.05 \text{ m}^3$					
$1 \times 1 \times 10.00 \text{ m} \times 4.050 \text{ m} \times 0.10 \text{ m} = 4.05 \text{ m}^3$					
For Profile correction =					
$4 \times 2.80 \text{ m} \times 3.00 \text{ m} \times 0.10 \text{ m} = 3.36 \text{ m}^3$					
for extra riding of H-ledge,					
$2 \times 6.50 \text{ m} \times 0.550 \text{ m} \times 0.10 \text{ m} = 0.75 \text{ m}^3$					
$2 \times 5.90 \text{ m} \times 0.60 \text{ m} \times 0.10 \text{ m} = 0.70 \text{ m}^3$					
$3 \times 6.20 \text{ m} \times 0.550 \text{ m} \times 0.10 \text{ m} = 1.02 \text{ m}^3$					
Total = 271.03 m^3					
(7) P.V., Laying, spreading & Compacting of W.B.M-3					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
①	1	10	30	10	$3.75 \times 0.075 \text{ m} = 284.37 \text{ m}^2$
	1	7	30	10	$3.75 \times 0.075 \text{ m} = 59.06 \text{ m}^2$
	1	1	10	10	$3.75 \times 0.075 \text{ m} = 2.81 \text{ m}^2$
For Extra width at H-cum					
	2	6.50	4	0.58	$0.075 \text{ m} = 0.56 \text{ m}^2$
	2	5.90	4	0.60	$0.075 \text{ m} = 0.53 \text{ m}^2$
	3	6.20	4	0.55	$0.075 \text{ m} = 0.76 \text{ m}^2$
					Total = 148.09 m ²

⑧ Construction of granule
sub-base by portable coarse
granular material

for c.c. portion					
on box cutting					
	2	10	30	10	$0.375 \times 0.10 \text{ m} = 22.50 \text{ m}^2$
	2	7	30	10	$0.375 \times 0.10 \text{ m} = 15.75 \text{ m}^2$
for portable cornering					
	2	4.20	4	2.10	$0.10 \text{ m} = 1.76 \text{ m}^2$
	2	3.80	4	2.50	$0.10 \text{ m} = 1.90 \text{ m}^2$
Extra widening at H-cum,					
	2	5.50	4	0.45	$0.10 \text{ m} = 0.49 \text{ m}^2$
	2	5.00	4	0.50	$0.10 \text{ m} = 0.50 \text{ m}^2$
					Total = 42.90 m ²

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of Cost-</u>					
<u>1. Plv & fixing of working</u>					
<u>Benchmark pillars-</u>					
01.00 No, vide TMBP-1					
① Rs 3792 = 58/No - B 3793200					
<u>2. Plv & fixing of reference</u>					
<u>pillars-</u>					
06.00 No, vide TMBP-1					
① Rs 1741 = 52/No - B 10,449200					
<u>3. clearing & grubbing of</u>					
<u>road land -</u>					
0.648 Hect, vide TMBP-1					
① Rs 49174 = 86/Hect - B 31,865200					
<u>4. Box cutting - Excavation</u>					
<u>for roadway in soil</u>					
92.85 m ³ , vide TMBP-2					
① Rs 75 = 43/m ³ - B 7004200					
<u>5(1)</u>					
<u>Construction of embankment-</u>					
<u>met with already upto</u>					
<u>1000 m³</u>					
494.96 m ³ , vide TMBP-3					
① Rs 179 = 38/m ³ - B 88,786200					
0 c/o Rs 1,41,897200					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/E PS	1,41,897=00
<u>5(ii)</u> 6	Construction of embankment with a lead upto 100m.				
	959.904 m ³ vide T.M.P.P-3				
	① PS 150 = 70/m ² — B				1,44,657=00
<u>6</u> 8	Construction of granule Sub-base on partials Coarse graded material.				
	271.03 m ³ , vide T.M.P.P-3				
	① PS 2742 = 81/m ³ — B				7,43,384=00
<u>7</u> 9	Plv, levelling, spreading & compacting of W.B.M-3				
	148.09 m ³ , vide T.M.P.P-4				
	① PS 3989 = 84/m ² — B				5,90,855=00
<u>8</u> 13	Construction of granule Sub base by partials Coarse graded material				
	42.90 m ³ , vide T.M.P.P-4				
	① PS 2742 = 81/m ³ — B				1,17,667=00
<u>9</u> 14	Plv, levelling, spreading & compacting of W.B.M-3				
	144.17 m ³ , vide T.M.P.P-5				
	① PS 3989 = 84/m ³ — B				5,75,215=00
	40 B 23,13,675=00				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/E AS		23,13,675=00
10 27					
Plv. 20 m x 10 m					
8 cm					
10 27					
P/v & 8 m x 10 m typical					
mm x 4 m in front of main					
board with logo.					
02 Nos. vid. T.M.B.D. - 5					
② P. 7924 = 44/100 - B					19,849=00
			Total AS		23,33,524=00
Less 10% (below) (-) AS					2,33,353=00
Net payable amount AS					21,00,171=00
(Rupees Twenty one Lakh, one hundred & seventy one only.					
M.M. 19/03/21 (J.E)					
P. 19/03/21 A.E.					
Cxp 21/3/21					

Continuation