

ଅନୁସନ୍ଧାନ ବିଭାଗ

ମି.ବି.ନଂ. 3445

Schedule XLV-Form No. 134

ଜାମିନ-ସଂଗ୍ରହ ଓ ସଂଗ୍ରହୀତ ଜାମିନର ମୂଲ୍ୟ ନିର୍ଦ୍ଧାରଣ

ପ୍ରାଥମିକ ଶ୍ରେଣୀ - 14 / 560/2024-22

DIVISION

ସଂଗ୍ରହ-କାରୀଙ୍କ ନାମ ଓ ଠିକଣା

SUB-DIVISION

ଜାମିନ

MEASUREMENT BOOK

ମି.ବି.ନଂ. 3445

2nd & Final bill

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
M/W:-	Construction of road				from Basdila talalpur Path to Khoradih Hanjan tola take under railway Gent at block talalpur
M/Agency:-	Sri Rambabu Kumar				
Assr. No:-	14/SBD/2021-22				
Date of start:-	11.09.2021				
Date of completion:-	10.06.2022				
Date of measurement:-	05.05.2022				

Items of work					
(1) Earthwork calculation					
Sl. NO	chainage	CS Area (m ²)	mean CS Area (m ²)	Dist. (m)	Volume (m ³)
1	0	3.092	1.546	0	0.00
2	50	3.406	3.249	50	162.45
3	100	2.892	3.149	50	157.45
4	150	3.359	3.126	50	156.27
5	200	2.747	3.053	50	152.65
6	250	2.453	2.600	50	130.00
7	300	2.954	2.704	50	135.17
8	350	3.214	3.084	50	154.20
9	400	3.418	3.316	50	165.80
10	450	3.075	3.247	50	162.32

Qty 40 = 1376.31 m³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Sl. No	chainage (m)	c/s Area (m ²)	mean c/s Area (m ²)	Dist (m)	volume m ³
			Qty	B/F =	1376.31 m ³
11	500	2.851	2.963	50	148.15
12	550	2.693	2.772	50	138.60
13	600	3.287	2.990	50	149.50
14	650	2.653	2.970	50	148.50
15	700	2.965	2.809	50	140.45
16	755	2.770	2.868	55	157.71
			Total =		2259.22 m ³
			Less for G.S. B. (-)		129.33 m ³
			Less for W.B. M (-)		216.59 m ³
			Less for P.C.C (-)		461.85 m ³
Total E/W Qty			Total =		1451.43 m ³
			Less Qty of Subgrade		351.51 m ³
			Be earth should be		1099.92 m ³
			Less Qty of E/W in (-)		612.00 m ³
			embankment (paid)		
			Paid Qty of Subgrade (-)		388.12 m ³
			Net Qty of embankment =		99.80 m ³
			Qty limit =		30.74 m ³

Scanned with CamScanner

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2) Construction of Subgrade					
8 earthen shoulder with 9					
lead up to 1000m.					
Side of B.E.S.					
2x	10x30.10m				$0.900m \times 0.25m = 67.50$
2x	7x30.10m				$0.900m \times 0.25m = 47.25$
Side of G.S.					
2x	1x20.10m				$0.900m \times 0.125m = 4.50m$
Side of G.S.B					
2x	5x30.10m				$0.900m \times 0.10m = 27.00$
2x	2x30.10m				$0.900m \times 0.10m = 10.80$
2x	1x15.10m				$0.900m \times 0.10m = 2.70m$
Side of W.B.M-7					
2x	10x30.10m				$0.625m \times 0.075m = 28.12m^2$
2x	10x30.10m				$0.625m \times 0.075m = 28.12m^2$
2x	5x30.10m				$0.625m \times 0.075m = 14.06m^2$
2x	1x5.10m				$0.625m \times 0.075m = 0.46m^2$
Side of R.C.C.					
2x	10x30.10m				$0.625m \times 0.160m = 60.00m^2$
2x	10x30.10m				$0.625m \times 0.160m = 60.00m^2$
2x	1x5.10m				$0.625m \times 0.160m = 1.00m^2$
Total =					351.51m ²
(3) P.V & Laying of R.C.C. pipe duct					
300mm dia across the road.					
$4 \times 3 \times 2.50m = 30.10m$					
(4) P.V & Laying of R.C.C. MIS					
grade boundary pillars					
$2 \times 5 = 10 \text{ Nos.}$					

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) Plv & supply of R.C.C MIS grade 1cm stones =					02 NO
(6) Plv & supply of R.C.C MIS grade 200mm stones =					03 NO
(7) Plv & supply of retro-reflector - torised traffic sign board 600mm equilateral & triangle =					01 NO
(8) 600mm circular =					01 NO
(9) 800mm x 600mm rectangular =					02 NO
(10) 600mm x 450mm rectangle =					02 NO
(11) 900mm side octagone =					01 NO
(12) Plv & erecting, direction & place, identification sign board =					04 NO
(13) Plv & laying of hot-applied thermoplastic compound 2.5mm thick					
2 x 10 x 30.0m x 0.10m =					60.0m ²
2 x 10 x 30.0m x 0.10m =					60.0m ²
2 x 5 x 30.0m x 0.10m =					30.0m ²
2 x 1 x 5.0m x 0.10m =					1.0m ²
Total =					151.0m ²

Continuation

Abstract of Cost	
1.	Plr & fixing of working Benchmark pillars.
0.755 km, vide T.M.O.R - 8	
(a) Rs 12338 = 49 / km R	9,316 = 60
$\frac{2}{2}$	clearing & grubbing of road land
0.151 Hect, vide T.M.O.R - 8	
(a) Rs 53879 = 81 / Hect	8,136 = 60
$\frac{3}{2}$	Box cutting - Excavation, for roadway in soil using manual means
31.38 m ² , vide T.M.O.R - 8	
(a) Rs 133 = 10 / m ² R	4,177 = 60
40 Rs 21,629 = 60	

Scanned with CamScanner

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F. B	21,629=60
$\frac{4}{4}$ construction of embank-					
-ment with material					
obtained from roadway					
cutting					
18.82 m ³ , vide TMBP-8					
(a) B 96278/m ² - B					1821=60
$\frac{5}{5}$ construction of embank-					
-ment with material					
obtained from					
bits with a lead					
up to 1000 m ³ /km.					
612.10 m ³ , vide TMBP-8					
30.74 m ³ , vide TMBP-14					
642.74 m ³ ,					
(a) B 197210/m ² - B					1,26,684=60
$\frac{6}{6}$ construction of sub-					
-grade with approved					
material					
388.12 m ³ , vide TMBP-9					
351.51 m ³ , vide TMBP-15					
739.63 m ³ ,					
(a) B 183440/m ² - B					1,35,648=60
				C/O. B	2,85,782=60

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/P/B	2,85,782.00
<u>7/7</u>	Construction of granular sub-base by providing coarse graded material.				
	129.33 m ³	vide	TMBB-9		
	(1) P	2836280/m ³	P		3,66,883
<u>8/8</u>	Pln Laying speedily & Compacting of WBM-3				
	216.59 m ³	vide	TMBB-9		
	(2) P	3928451/m ³	P		8,50,863.2
<u>9/9</u>	Construction of un-reinforced plain cement concrete as per technical specifications				
	461.85 m ³	vide	TMBB-9		
	(1) P	755364/m ³	P		34,88,649 = 60
<u>10/11</u>	Pln & fixing of typical masonry in format sign board with logs				
	02 NOS	vide	TMBB-10		
	02 NOS	vide	TMBB-17		
	04 NOS				
	(1) P	10,139 = 27/100	P		40,559 = 60
	40 P 50,32,736 = 60				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/F	50,32,736 ⁰⁰
<u>11</u> 10	Plv & Laying of R.C.C. pipe duct 300mm dia, across the road				
	30.00 m, vide TMBP-15				
	① P/ 918-22/141-B				27,547 ⁰⁰
<u>12</u> 11.	Plv & fixing of R.C.C. MIS grade boundary pillars.				
	10.00 Nos, vide TMBP-15				
	① P/ 515-00/No-B				5150 ⁰⁰
<u>13</u> 12	Plv & fixing of R.C.C. MIS grade kilometre stone				
	02 Nos, vide TMBP-16				
	① P/ 2217-225/No-B				4435 ⁰⁰
<u>14</u> 13	Plv & fixing of 200mm stones				
	03 Nos, vide TMBP-16				
	① P/ 612-12/No-B				1836 ⁰⁰
<u>15</u> 14	Plv & fixing of retro-reflectorised traffic sign board, 600mm equilateral triangle				
	01 No, vide TMBP-16				
	① P/ 3447-98/No-B				3448 ⁰⁰
	Continuation				10, P/ 5075,152 ⁰⁰

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				RIF, RS	50,75,152 ⁶⁰
<u>16</u> 15	Room circular				
	01 No, vide TMBP-16				
	(a) Rs 4628029			No-B	462800
<u>17</u> 16	800mm x 600mm rectangle				
	02 Nos, vide TMBP-16				
	(a) Rs 6459=181			No-B	12,91800
<u>18</u> 17	600mm x 450mm rectangle				
	02 Nos, vide TMBP-16				
	(a) Rs 4507242			No-B	9015200

<u>19</u> 18	900mm Side octagon.				
	01 No, vide TMBP-16				
	(a) Rs 8243255			No-B	8244200
<u>20</u> 19	Plv & erecting of direction & noise identification sign board.				
	04 Nos, vide TMBP-16				
	(a) Rs 10,118=96			No-B	40,47600
<u>21</u> 20	Plv & Laying of half applied thermoplastic compound 2.5m wide				
	1st. w 42, vide TMBP-16				
	(a) Rs 859=53			m ² -B	1,29,78900

Continuation c/o, Rs 52,80,222⁶⁰

Continuation