

पक्ष का नाम :- 3054: NARKATIAMANJ to MAHUAWA
PARSA पक्ष कार्य निर्माण (M/R)

Measurement Book

Schedule XLV-Form No. 134

कार्यपालक अभियंता

ग्रामीण कार्य विभाग

कार्य प्रमंडल नरकटियागंज

DIVISION

प्रखण्ड :- जौनादा

SUB-DIVISION

M.B.No. :- 1417/2020-21

3054M/R
New Measurement
15

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>3rd RIA Bill, 2nd Bill</u>					
Narmad work -					
Repairing road from					
Nankadiya parj to					
Mahawa Passa road.					
Agency - Mstai Bhawani					
Const					
Agree to - 99/2020-21					
Date of work - 16-9-20					
Time required - 15-9-21					
① Prov. and Lajj G.S.B.					
MII material and					
all ———— on					
1x	7-wx	1.30x	0.175x	1.59m ³	
1x	5-wx	1.00x	0.175x	0.88	
1x	4-wx	1.20x	0.175x	0.84	
1x	8-wx	1.20x	0.175x	1.68	
1x	5-wx	2.90x	0.175x	2.54	
1x	6-wx	2.10x	0.175x	2.21	
1x	6-wx	2.80x	0.175x	2.94	
1x	5-wx	3.06	0.175x	2.68	
T =				12.68 m ³	
				= 15.36 m ³	

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
② Prov. & laying' currim					
grt 2				5.12	
1x 10-wx		1.30	0.075		0.98 m ³
2x 7-wx		2.107	0.075		2.63
1x 9-wx		1.90	0.075		1.28
1x 13-wx		1.0	0.075		0.98
2x 7-wx		2.50	0.075		2.63
2x 12-wx		1.60	0.075		2.88
					$\Sigma = 11.38 \text{ m}^3$
					$= 11.38 \text{ m}^3$

③ Prov. & laying					
w/m grt 11					
and all					
1x 13-wx		1.70	0.075		1.658 m ³
1x 15-wx		1.40	0.075		1.575
4x 16-wx		1.40	0.075		6.720
6x 15-wx		2.60	0.075		17.55
1x 16-wx		1.80	0.075		2.160
2x 14-wx		3.40	0.075		7.140
3x 17-wx		1.70	0.075		5.503
1x 16-wx		1.80	0.075		2.160
3x 14-wx		2.0	0.075		6.300
1x 12-wx		2.60	0.075		2.340
2x 14-wx		2.30	0.075		4.830
1x 15-wx		2.80	0.075		3.150

Continuation $\Sigma = 62.086 \text{ m}^3$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$B.F = 2577.07 m^2$
Rd. L. H.	6	30	3.25		$= 675.0$
	1	20	3.25		$= 75.0$
C.	6	15	(4.80 - 3.25)		$= 94.50$
	2	15	(4.90 - 3.25)		$= 34.50$
					$T = 3396.07 m^2$
					Say $\approx 3396 m^2$

③ Pore 2. layer Patch

over WBM mss. seal

Surface & --- Etc
mss.

1	13.00	1.70		$= 22.10 m^2$
1	15.00	2.80		$= 42.00$
1	11.00	3.10		$= 34.10$
4	16.00	1.40		$= 89.60$
1	16.00	1.80		$= 288.00$
2	14.00	3.40		$= 95.20$
1	8.00	1.50		$= 12.00$
3	10.00	1.60		$= 48.00$
2	8.00	2.10		$= 33.60$
1	10.00	1.80		$= 18.00$
2	14.00	1.10		$= 30.80$
				$T = 713.40 m^2$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ P.W. 2 lgy. Semi Dense Bituminous Concrete 8 --- 15					
	1	7.30	3.75	0.025	2.813 m ³
	1	15	3.75 + 4.9 + 3.75	0.025	1.55
	2	7.30	3.75	0.025	5.625
	1	7.30	3.75	0.025	2.813
	1	15	3.75 + 4.90 + 3.75	0.025	1.55
	2	7.30	3.75	0.025	5.625
	1	7.25	3.75	0.025	2.344

T = 22.32

VR 8m
21.4-21
OR

VR 8m
21.4-21
RE

① Cont of Sub grade
2 earth shoulder
level upto 100mm &
all --- sub.

2	8	30	1.00	0.30	(avg) = 144.00 m ³
2	5	30	1.00	1.10	94.50
2	6	30	0.90	1.10	108.00
2	8	30	0.90	1.10	151.20

Continuation

= 497.70 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$C_0 = 497.70 m^2$
					$2 \times 9 \times 30 \times 0.90 + 1.10 \times 30 = 162.00$
					$2 \times 10 \times 30 \times 0.80 + 1.20 \times 30 = 180.00$
					$2 \times 5 \times 30 \times 0.80 + 0.70 \times 30 = 48.00$
					$2 \times 6 \times 30 \times 0.90 + 0.20 \times 30 = 64.80$
					$2 \times 7 \times 30 \times 0.90 + 1.10 \times 30 = 126.00$
					$2 \times 9 \times 30 \times 0.80 + 1.20 \times 30 = 162.00$
					$T = 1240.50 m^2$

② Prov. & fixty of Rec.

11.5 km, m. part

2 ————— 13.12

(i) 5th km stone

= 5 No

(ii) km stone = 6 No

(iii) 2nd m stone = 45 No

③ Painting ch. line Dashed

approx. etc. as road —

— — — 13.12

$1595 \times 1.00 \times 0.10 = 159.50 m^2$

④

VPoul

28.4.21

JB

28.4.21

AE

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Prov. Esting of retor - rectangular - touch. sign 2 - 50					
(i) 600 mm equilateral triangle - 31 No					
(ii) 600 mm Circular = 20 No					
② Prov 450 mm. rectangular = = 25 No					
③ Prov Esting of boundary pillar / corner pillar 2 of B/E = 25 No					
④ Painting of letter of figures of any shape B/E 108 x 2598 = 1196 m ² /hr					
⑤ Planting of tree and their maintenance one year - B/E = 298 No					
⑥ Prov Esting hot applied thermo plastic compound with B/E 2 x 43 x 30 x 0.10 = 258.0 mm ² 2 x 1 x 30 x 0.10 = 6.00 Continuation = 264.0 mm ²					

~~Hand~~ 5.5-2
OE

ABSTRACT OF COST

- word level - exp

$$= 4.474 \text{ kg}$$

$$\textcircled{Q} 8 \ 49496.70/119 = \textcircled{R} 2,2148.00$$

- Scapular Shouder - B.F

$$n \quad p(73) = 1240.50$$

$$T = 15541.8 \text{ m}$$

$$= 15490.50 \text{ m}^3$$

$$= \text{Rs } 27,37,946.00$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$B.F = Rs\ 29,59,394.00$
⑤ Const. of G.S.B. gr II material — B.F					
					Qty P. (61) = 2551.00 m ³
					" P. (68) = 15.36
					T = 2566.36 m ³
					Qty 2907.52 / m ³
					= Rs 74,61,743.00
⑥ Porr. & laying work gr II — B.F					
					Qty P. (60) = 1615.18 m ³
					" P. (69) = 11.38
					T = 1626.56 m ³
					Qty 5482.96 / m ³
					= Rs 89,18,363.00
⑦ Porr. & laying work gr III — B.F					
					Qty P. (62) = 2085.94 m ³
					" P. (70) = 71.79
					T = 2157.73 m ³
					Qty 4993.34 / m ³ = Rs 1,07,74,280.00
⑧ Porr. & applying primer Coat — B.F					
					Qty P. (62) = 28029.87 m ²
					" P. (70) = 1086.23
					T = 29116.10 m ²
					Qty 41.97 / m ² = Rs 12,22,003.00

Continuation

Co = Rs 3,13,35,783.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F. 3,13,25,783.00
① Prov. & fixing dock					
cont. —					
Qty P. (61) =					89,365.00
" P. (71) =					3,398.00
T =					92,763.00
② 14.22/m ² =					13,19,061.00
③ Patch work on					
7 worn using mild steel					
surfacing with asphalt					
— — — — —					EIF
Qty P. (62) =					95,777.00 m ²
" P. (70) =					713.40
T =					10,290.40 m ²
					Syde limit — 9,670.00 m ²
					CR 227.85/m ² = CR 22,03,340.00
④ Prov. & laying Semi-dome					
bituminous concrete with					
— — — — —					EIF
Qty P. (63) =					20,91,85 m ²
" P. (72) =					22,32 m ²
T =					21,14,17 m ²
					CR 11,689.36/m ³ = 2,47,13,294.00
					= CR 2,47,71,329.00
⑩ Prov. & fixing R.C.C. Mort					
grade km, m. stem —					EIF
Qty P. (77) =					
(1) km. stem —					140

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

$$Q.P = Rs 57571448.00$$

(i) 5th km stone

Qty P. (73)

= 51 No

$$Q.P 4276.75 / No = Rs 21384.00$$

(ii) km stone

Qty P. (63) = 17 No

" P. (73) = 6

= 23 No

$$Q.P 2611.12 / No = Rs 60056.00$$

(iii) 200m stone

Qty P. (63) = 35 No

" P. (73) = 45

T = 80 No

$$Q.P 675.00 / No = Rs 54000.00$$

(11) 10 Painted line Dashed,

Arrow etc — B/E

Qty P. (63) = 6.80 m²

" P. (73) = 159.50

T = 166.30 m²

$$Q.P 75.96 / m^2 = Rs 12632.00$$

(12) 12 Prov. & fixing of road

reflectorised, Cautionary

mandatory — B/E

(i) 600 mm equilateral triangle =

Qty P. (64) = 34 No

Qty P. (74) = 31

T = 65 No

$$Q.P 3315.91 / No = Rs 215534.00$$

Continuation

$$Q.P 59935054.00$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.P = R	6.11.1	7821.00
			Net area/bed -	E/F	
			Qty P. (64) =	4213	mm
			" P. (65) =	264	mm
			T =	4477	mm ²
			Qty	735.40	/m ²
				⇒ R	72,92,386.00
(17) 18	Provs of fixing large & maintenance project				
			Provs of fixing -	E/F	
			Qty P. (65) =	2 No	
			@ R	9765.36 / No	⇒ R 19,531.00
(18) 19	B(w in c.m. (1:3) in				
			Ratio -	E/F	
			Qty P. (65) =	8.64	m ²
			" P. (65) =	4.80	
			T =	13.44	m ²
			@ R	5255.90 / m ²	⇒ R 70639.00
(19) 20	Masonry with c.m. (1:4)				
			on B/W 2 -	E/F	
			Qty P. (65) =	271.76	m ²
			" P. (65) =	28	mm
			T =	299.76	m ²
			Say limit =	260	mm ²
			@ R	190.12 / m ²	⇒ R 47484.00
				⇒ R	49431.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					64547861.20
					Q.P. = Rs 64549808.00
21 Binding two cont.					
area =					
Ty P. (65)					
= 761.28 m ²					
OR 95.40/m ²					Rs 72626.00
					64620482.00
					T = Rs 64622434.00
Add G.S.T.					7754458.00
@ 12.00% =					Rs 7754692.00
Add L. Cost					646205.00
@ 1.00% =					Rs 646224.00
					73021150.00
					T = Rs 73023350.00
Less Payment					
Page (66) =					
Less @ 0.01%					
Rs 7302.00					73013848.00
OR Net =					Rs 73016048.00
Less Payment					
Page (66) =					70570825.00
					2443093.00
					T = Rs 2445223.00

M/s Jai Bhawani Construction

Wired
OR 5-5-21

Vijay Kumar Singh
Continuation
5-5-21
AE

Cy Partner
Ramesh
4/8/21
FF