Jiwanpatti T02 to Pachgachhiya

Schedule XLV-Form No. 134

(FDR 3054)

Darbhanga-1 DIVISION

Bahadurpur SUB-DIVISION

3864

MEASUREMENT BOOK

Cont- M/s Lant Kumar

प्रमाणित किया जाता है कि इस मापी पुस्तक में टंकित कुल - 100 - (सौ) पन्ने है, जो श्री विवेक कुमार, सहायक अभियंता, ग्रामीण कार्य विभाग, कार्य अवर प्रमंडल, बहादुरपुर के नाम से निर्गत किया जाता है।

Executive Engineer
R.W.D. Works Division
...nga-1

29.11.21

Scanned by Scanner Go

Package No.:-06.

Name of Work– Jiwanpatti T02 to Bachgachhiya.
Situation of Work– Block- Bahadurpur.
Agency by which work is executed– Shri Nishant Kum[illegible]
Date of Measurement– At- Raj Tok Laxmipur. L-Sa[illegible]
No. and date of agreement 16F2/2021-22.
(These four lines should be repeated at the commencement of the measurement relating to each work)

FDR 3054.

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
~~Date of entry:- 08.12.2021~~ 08.12.2021					
(1) Providing granular sub-base do do					
	From Rupra to Murpai Chowk More to Lashmi Math.				
	$1 \times 13.00 \times \frac{3.75+4.20}{2} \times 0.100$				= 5.17 m^3
	$1 \times 5.00 \times \frac{6.00+3.75}{2} \times 0.100$				= 2.44 "
ON Turning	$1 \times 30.00 \times \frac{4.80+5.90+3.75}{3} \times 0.100$				= 14.50 "
ON Turning	$1 \times 12.00 \times \frac{3.45+4.00+3.15}{3} \times 0.100$				= 9.39 "
	In village portion				
	$1 \times 30.00 \times \frac{3.40+3.50+4.30}{3} \times 0.100$				= 10.90 "
	$1 \times 30.00 \times \frac{4.30+3.60+3.55}{3} \times 0.100$				= 11.45 "
	$1 \times 30.00 \times \frac{3.55+4.10+3.35}{3} \times 0.100$				= 11.00 "
	$1 \times 30.00 \times \frac{3.35+3.75+3.05}{3} \times 0.100$				= 10.15 "
	At- Shirdilpur				
	$1 \times 26.00 \times \frac{3.10+3.05+3.50}{3} \times 0.100$				= 8.36 "
	$1 \times 7.00 \times \frac{3.50+4.40}{2} \times 0.100$				= 2.77 "
	$1 \times 12.00 \times \frac{4.80+3.50}{2} \times 0.100$				= 4.98 "
	$1 \times 30.00 \times \frac{3.50+3.80+4.20}{3} \times 0.100$				= 11.50 "
	$1 \times 20.00 \times \frac{4.20+4.00}{2} \times 0.100$				= 8.20 "
					110.76 m^3
(2) Providing WBM stone metal grade do do					
	$1 \times 13.00 \times \frac{3.75+4.20}{2} \times 0.075$				= 3.87 m^3
	$1 \times 5.00 \times \frac{6.00+3.75}{2} \times 0.075$				= 1.83 "
	$1 \times 30.00 \times \frac{4.80+5.90+3.75}{3} \times 0.075$				= 10.84 "
					C.O. Q: 16.54 m^3

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2) continued.				B.F. =	16.54 m²
	$1 \times 12.00 \times \frac{3.45+4.00+3.15}{3} \times 0.075$				= 3.18 "
	$1 \times 30.00 \times \frac{3.10+3.50+4.30}{3} \times 0.075$				= 8.17 "
	$1 \times 30.00 \times \frac{4.30+3.60+3.55}{3} \times 0.075$				= 8.59 "
	$1 \times 30.00 \times \frac{3.55+4.10+3.35}{3} \times 0.075$				= 8.25 "
	$1 \times 30.00 \times \frac{3.35+3.75+3.05}{3} \times 0.075$				= 7.61 "
	$1 \times 26.00 \times \frac{3.10+3.05+3.50}{3} \times 0.075$				= 6.27 "
	$1 \times 7.00 \times \frac{3.50+4.40}{2} \times 0.075$				= 2.07 "
	$1 \times 12.00 \times \frac{4.80+3.50}{2} \times 0.075$				= 3.74 "
	$1 \times 30.00 \times \frac{3.50+3.80+4.20}{3} \times 0.075$				= 8.62 "
	$1 \times 30.00 \times \frac{4.20+3.75+3.80}{3} \times 0.075$				= 8.81 "
					81.85 m²
3)	[illegible]				
	$\text{Area} = \frac{81.85}{0.075}$			=	1091.33 m²

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of measurement :- 08.12.2021 / 08.12.2021					
① Providing Tackcoat with Bitumen Emulsion (RS-1) — do — do.					
	1 x	26.00 x	$\frac{3.20+3.75+4.20}{3}$		= 96.63 m²
	1 x	5.00 x	$\frac{6.00+3.75}{2}$		= 24.38 "
	1 x	16.00 x	$\frac{3.75+5.90}{2}$		= 77.20 "
	1 x	20.00 x	$\frac{5.90+3.75}{2}$		= 96.50 "
	1 x	27.00 x	$\frac{3.75+4.00}{2}$		= 104.62 "
	1 x	27.00 x	$\frac{4.00+3.80}{2}$		= 105.30 "
	1 x	23.00 x	$\frac{3.80+3.70}{2}$		= 86.25 "
	1 x	30.00 x	$\frac{3.70+3.30+3.70}{3}$		= 107.00 "
	1 x	30.00 x	$\frac{3.70+3.35}{2}$		= 100.75 "
	1 x	30.00 x	$\frac{3.55+3.45}{2}$		= 105.00 "
	1 x	25.00 x	$\frac{3.45+3.75+4.60}{3}$		= 98.33 "
	1 x	30.00 x	$\frac{4.60+3.75+3.23}{3}$		= 115.80 "
	1 x	30.00 x	$\frac{3.23+3.45}{2}$		= 100.20 "
	1 x	15.00 x	$\frac{3.45+4.00+3.15}{3}$		= 53.00 "
	1 x	30.00 x	$\frac{3.10+3.50+4.30}{3}$		= 109.00 "
	1 x	30.00 x	$\frac{4.30+3.60+3.55}{3}$		= 114.50 "
	1 x	30.00 x	$\frac{3.55+4.10+3.35}{3}$		= 110.00 "
	1 x	30.00 x	$\frac{3.35+3.75+3.05}{3}$		= 101.50 "
	1 x	30.00 x	$\frac{3.05+3.00+3.10}{3}$		= 91.50 "
	1 x	2.70 x	$\frac{3.10+3.00}{2}$		= 8.23 "
	1 x	30.00 x	$\frac{3.25+2.90+3.45}{3}$		= 96.00 "
	1 x	30.00 x	$\frac{3.45+3.20+3.45}{3}$		= 101.00 "
	1 x	30.00 x	$\frac{3.45+3.80+3.35}{3}$		= 106.00 "

C.O. Area = 2116.69 "

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Continued.				B.F. Area =	2116.69 m²
	1×	30.00×	$\frac{3.35+3.35+3.40}{3}$		= 101.00 "
	1×	30.00×	$\frac{3.40+3.65+3.65}{3}$		= 107.00 "
	1×	30.00×	$\frac{3.65+3.35+3.10}{3}$		= 101.00 "
	1×	13.00×	$\frac{3.10+3.30}{2}$		= 41.60 "
	1×	15.00×	$\frac{3.55+3.25}{2}$		= 51.00 "
	1×	~~15.00~~ 13.70×	$\frac{3.25+5.70+8.40}{3}$		= 90.80 "
	At - Sbhi-dalpur				
	1×	7.00×	$\frac{4.50+3.60}{2}$		= 28.35
	1×	30.00×	$\frac{3.60+3.40+3.10}{3}$		= 101.00
	1×	26.00×	$\frac{3.10+3.05+3.50}{3}$		= 83.6[illegible]
	1×	7.00×	$\frac{3.50+4.40}{2}$		= 27.65 "
	1×	12.00×	$\frac{4.80+3.50}{2}$		= 49.80 "
	1×	[illegible]	[illegible]		[illegible]
	1×	30.00×	$\frac{4.20+4.00+3.80}{3}$		= 120.00 "
	1×	30.00×	$\frac{3.80+3.75+3.80}{3}$		= 113.50 "
					3288.02 m²
②.	Providing M.S.S				
	20mm thick d-do				
	1×	26.00×	$\frac{3.20+3.75+4.20}{3}$		= 96.63 m²
	1×	5.00×	$\frac{6.00+3.75}{2}$		= 24.38 "
	1×	16.00×	$\frac{3.75+5.90}{2}$		= 77.20 "
	1×	20.00×	$\frac{5.90+3.75}{2}$		= 96.50 "
	1×	27.00×	$\frac{3.75+4.00}{2}$		= 104.62 "
	1×	27.00×	$\frac{4.00+3.80}{2}$		= 105.30 "
	1×	23.00×	$\frac{3.80+3.70}{2}$		= 86.25 "
	1×	30.00×	$\frac{3.70+3.30+3.70}{3}$		= 107.00 "
	1×	30.00×	$\frac{3.70+3.55}{2}$		= 108.75 "
				C.O. Area =	806.63 "

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2.) continued.				B.F. Area =	806.63 m²
	1x	30.00	x $\frac{3.55+3.45}{2}$		= 105.00
	1x	25.00	x $\frac{3.45+3.75+4.60}{3}$		= 98.33
	1x	30.00	x $\frac{4.60+3.75+3.23}{3}$		= 115.80
	1x	30.00	x $\frac{3.23+3.45}{2}$		= 100.20
	1x	15.00	x $\frac{3.45+4.00+3.15}{3}$		= 53.00
	1x	30.00	x $\frac{3.10+3.50+4.30}{3}$		= 109.00
	1x	30.00	x $\frac{4.30+3.60+3.55}{3}$		= 114.50
	1x	30.00	x $\frac{3.55+4.10+3.35}{3}$		= 110.00
	1x	30.00	x $\frac{3.35+3.75+3.05}{3}$		= 101.50
	1x	30.00	x $\frac{3.05+3.00+3.10}{3}$		= 91.50
	1x	2.70	x $\frac{3.10+3.00}{2}$		= 8.23
	1x	30.00	x $\frac{3.25+2.90+3.45}{3}$		= 96.00
	1x	30.00	x $\frac{3.45+3.20+3.45}{3}$		= 101.00
	1x	30.00	x $\frac{3.45+3.80+3.35}{3}$		= 106.00
	1x	30.00	x $\frac{3.35+3.35+3.40}{3}$		= 101.00
	1x	30.00	x $\frac{3.40+3.65+3.65}{3}$		= 107.00
	1x	30.00	x $\frac{3.65+3.35+3.10}{3}$		= 101.00
	1x	13.00	x $\frac{3.10+3.30}{2}$		= 41.60
	1x	15.00	x $\frac{3.55+3.25}{2}$		= 51.00
	1x	15.70	x $\frac{3.25+5.70+8.40}{3}$		= 90.80
	1x	7.00	x $\frac{4.50+3.60}{2}$		= 28.35
	1x	30.00	x $\frac{3.60+3.40+3.10}{3}$		= 101.00
	1x	26.00	x $\frac{3.10+3.05+3.50}{3}$		= 83.63
	1x	7.00	x $\frac{3.50+4.40}{2}$		= 27.65
	1x	12.00	x $\frac{4.80+3.50}{2}$		= 49.80
				C.O. Area =	2899.52

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
② Continued				B.F. Area =	2899.52 m^2
	1×30.00×	$\frac{3.50+3.80+4.20}{3}$			= 115.00
	1×30.00×	$\frac{4.20+4.00+3.80}{3}$			= 120.00
	1×30.00×	$\frac{3.80+3.75+3.80}{3}$			= 113.50
					3248.02 m^2
③	Const of GSB grade and earthen shoulders.				
	2×8×	30.00×	1.125×	0.35 =	189.00
	2×5×	30.00×	1.125×	0.35 =	118.13
	2×6×	30.00×	0.85×	0.50 =	153.00
	2×3×	30.00×	0.90×	0.45 =	72.90
	2×4×	30.00×	1.00×	0.35 =	84.00
					629.63 m^3

Work completed

09/12/21

1st ON A/C Bill.

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST.					
(1)	Providing granular				
	sub-base (G.S.B) — d — d.				
	V.P. 1/(1)		110.76 m³.		
	@ Rs. 3015.02/m³			Rs.	3,33,944=00
(2)	Providing WBM stone				
	metal gr-3 — d — do.				
	V.P. 2/(2)		81.85 m³		
		Limit to	74.87 m³.		
	@ Rs. 3799.89/m³			Rs.	2,84,498=00
(3)	Providing and applying				
	prime coat with bitumen				
	emulsion (AS-1) — d — d				
	V.P. 2/(3)		1091.33 m²		
	Limit to		1008.25 m²		
	@ Rs. 49=25/m²			Rs.	49,656=00
(4.)	Providing and applying				
	tack coat with bitumen				
	emulsion (AS-1) — d — d				
	V.P. 4/(1)		3248.02 m²		
	Limit to		3030.00 m²		
	@ Rs. 16=73/m²			Rs	50,692=00.
(5)	Providing MSS 20 mm				
	thick — d — d.				
	V.P. 6/(2)		3248.02 m²		
	Limit to		3000.00 m²		
	@ Rs. 224.36/m²			Rs.	6,73,080=00

C.O. Rs. 13,91,770=00.

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F. Rs.	13,91,770:00.
(6.)	Construction of Sub-grade				
	and earthen shoulder				
	V.P. $\frac{6}{(3)}$		629.63 m³		
	@Rs. 237.43/m³			Rs	1,49,493:00
				Rs.	15,41,263:00
	Add.	G.S.T.	12%	Rs.	1,84,952:00
	"	L.C.	1%	Rs.	15,413:00
	" Seigniorage fee			Rs	17,745:00.
				Rs	17,59,373:00
Less 0.02% as per agreement. (-)				Rs.	352:00
				Rs.	17,59,021:00
	[illegible]		[illegible]		

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Reimbursement Rec.					
① E/w.	Q = 629.63 m³				
	@ Rs 34.82/m³ x 0.10				Rs. 2192.37
② G.S.B	Q = 110.86 m³				
	@ Rs 551.39/m³ x 0.10				Rs. 6107.20. ~~Rs. 5269.87~~
③ Gr-3.	Q = 74.87 m³				
	@ Rs 7038.87/m³ x 0.10				Rs 5269.87
④ MSS	Area = 3000.00 m²				
	@ Rs. 13.92/m² x 0.10				Rs. 4176.00
					Rs. 17,745.44
				Say Rs.	17,745.00

Material statement.					
① E/w.					629.63 m³.
② Stone agg/metal/chips					282.60 m³
③ Sand.					39.87 m³
AE					