Roy Bhushan Singh

Schedule XLV-Form No. 134

NA-85 to Pochpotra undr MR

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, छपरा-1
DIVISION

A E R.W.D (W) SUB-DIVISION
Rexelganj

Measurement Book

NO=3671

I st On A/c Bill

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 measurement relating to each work)

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Name of Work =	Const. of	Road & CD			
	Works	from	NH-85 to		
	Pachpatra	Undr	MR		
Agency =	Raj Bhushan	Singh			
	P/O	Mukderam,	Rivilganj		
		Chapra,	Saran		
Agg. No =	13/	5RP/	19-20		
Agreement value =	Const +	Mnt			
	⇒ Rs 4374157.00	+ 1782352.00			
	= Rs 6156509.00				
Package No =	MR-N/	19-20/	Chapra-	1/07	
D.O.W.O of Commencement of Work = 22-12-2020					
D.O.W.C of Completion of Work = 21-12-2021					
⟨1⟩	Clearing and Grubbing of				
	Road land etc as Comple				
	Job —				
	2×25×	30.00	1.00	=	1500.00m2
	2×38×	30.00	1.00	=	2280.00m2
	2×1×	10.00	1.00	=	20.00m2

Continuation

⇒ 3800.00m2

⇒ 0.38HA

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
<2>	Cnst of Subgrade and earthen shoulders with approved material for all complete job.				
Flank	2×20×	30.0×	0.70×	0.40 =	336.00m3
	2×10×	30.0	0.70×	0.40 =	168.00m3
	2×3×	30.0	0.70×	0.40 =	50.40m3
				total =	554.40m3
<3>	G.S.B Grading-2 = Cnst G.S.B. Grading-2 by provided well graded material for all complete job				
	4×	2.30×	1.40 =		12.88m2
Pot measurement	5×	2.30×	1.80 =		20.70m2
	8×	2.50×	1.60 =		32.00m2
	10×	2.70×	1.70 =		45.90m2
	12×	2.10×	1.5 =		37.80m2
	15×	2.20×	1.20 =		39.60m2
	20×	1.60×	1.10 =		35.20m2
	10 ~~22~~×	1.90×	1.40 =	26.60	~~53.20~~ ~~58.52~~ m2
	10 ~~18~~×	1.85×	1.75 =		32.37 ~~58.27~~ m2

Continuation

~~308.95~~ m2
283.05

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Particulars	Details of actual measurement				Contents
	No.	L.	B.	D.	of area
		Qty B/F =		R	~~308.95~~ 283.05 m2
G.S.B.Gr2=		~~308.95~~ 283.05 x 0.10		=	~~30.90~~ 28.31 m3
		Limit Qty		=	27.06 m3
⟨4⟩	WBM Gr2 = P/L				
	spreding WBM Gr2				
	of specified sizes etc				
	all complete Job				
	Same Qty of above				
	item SrNo(3) of				
	G.S.B Gr2 ⇒			283.05 m2	
	⇒ 283.05 m2 x 0.075 =				21.22 m3
		Limit Qty =			21.06 m3
⟨5⟩	WBM Gr3 = P/L				
	spreding WBM Gr3				
	etc all Complete Job				
	Same Qty of above				
	item SrNo(3) of				
	G.S.B.Gr2 =				283.05 m2

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			Qty B/F	=	283.05M2
	10x	2.60x	1.50	=	39.00 m2
	20x	1.8x	2.10	=	75.60m2
	18x	2.6x	2.20	=	102.96m2
	15x	2.60x	2.00	=	78.00 m2
	25x	1.70x	1.90	=	80.75m2
	30x	2.20x	1.80	=	118.80m2
	35x	1.40x	1.20	=	58.80m2
	40x	1.60x	1.50	=	96.00m2
	30x	1.80x	1.60	=	86.40m2
	~~20x~~	~~x~~			1019.36m2
		Qty = 1019.36m2 x 0.075			
		WBM G3		=>	76.45m3
6.7	Primer Coat = P/A primer				
	Coat with bitumen Emulsion				
	(SS-1) etc all complete Job				
	Same Qty of above				
	item Sr No (5) of				
	WBM-Gr 3			=	1019.36m2

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<7>	Tack Coat = P/A				
	tack coat with bitumen				
	emulsion using (RS-1)				
	etc all compl. Job				
	Same Qty of above item				
	Sr No (5) of WBM-3 =				1019.36 m²
	4 x	1.40 x	1.20	=	6.72 m²
	10 x	1.60 x	1.40	=	22.40 m²
	15 x	1.70 x	1.60	=	40.80 m²
	20 x	1.20 x	1.30	=	31.20 m²
	10 x	0.90 x	0.80	=	7.20 m²
	5 x	1.20 x	1.10	=	6.60 m²
				=>	1134.28 m²
<8>	Providing and laying 20mm				
	thickness premix carpet				
	etc all complete Job				
	Same Qty of above				
	item Sr No (7) of			=	1134.28 m²
	tack coat				

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
<9>	tach Coat = P/A				
	tack coat with				
	bitumen Emulsion				
	using etc all complete.				
	20 ×	30.00 ×	3.75	=	2250.00m2
	15 ×	30.00 ×	3.75	=	1687.50m2
9/1/21	10 ×	30.00 ×	3.75	=	1125.00m2
A.R	14 ×	30.00 ×	3.75	=	1575.00m2
				=	6637.00m2
<10>	P/L Semi dense				
	bituminous Concrete (SDBC)				
	with 100-120 TPH batch				
	type etc all complete etc.				
	Same Qty of above				
	item S.No (9) of			=	6637.00m2
	SDBC.				
	Qty = 6637.00 × 0.025 =				165.92m3
01-01-2021					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<(1)	P/F of typical PMGSY informatory sign board with logo as per MORD at the Completion 2L				
		2.00 Nos		=	2.00 Nos
Rpmu 01-01-2021 JE			9/11/2019 S.B		

	Material Consumption				
(1)	E/W ⇒	534.40 m3			
(2)	local Sand	13.80 m3			
(3)	Stone metal =	138.86 m3			
(4)	Screening =	23.97 m3			
(5)	Stone chips =	667.56 m3			

Continuation

Rpmu
01-01-2021
JE

ABSTRACT OF COST

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
{1} / 1	Clearing and Grubbing Road land to all Complete Job				
		V.P.No.(1)			
0.38Ha @	Rs 49496.70		Per Ha	Rs	18809.00
{2} / 2	Const of Subgrade and earthen shoulders with approved material with all Complete Job				
		V.P.No.(2)			
554.40m² @ Rs		176.96	per m²	Rs	98107.00
{3} / 3	G.S.B. Grading-2 = Const of G.S.B Gr-2 well graded material with all Complete Job				
		V.P.No.(3)			
27.01m³ @ Rs	2267.31		per m³	Rs	61245.00
{4} / 4	W.B.M. Gr-2 = Const of W.B.M. Gr-2 Crushed stone aggregate with all Complete Job				
		V.P.No.(3)			
~~76~~ 21.06m³ @ Rs	4000.59		per m³	Rs	84252.00

Continuation

Rs 262413.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5/5	Const of WBM Gr-3 stone aggregate of specified size for all complete job				
	V.P No				
76.45 m³ @ Rs 3758.52 per m³				Rs	287339.00
6/6	P/A primer coat for all complete job				
	V.P No (4)				
1019.76 m² @ Rs 41.23 per m²				Rs	42028.00
7/7	P/A tack coat with bitumen Emulsion for all complete job				
	V.P No (5)				
1134.28 m² @ Rs 13.98 per m²				Rs	15857.00
8/8	Providing and laying and rolling 20 mm (?) premix surface for all complete job				
	V.P No (5)				
1134.28 m² @ Rs 221.83 per m²				Rs	251617.00

Continuation Rs 859254.00

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Particulars	No.	L.	B.	D.	Contents of area
9/97	P/A tack coat with bitumen emulsion all complete job				
		VP No 6			
6637 cum @ Rs	12.16 Per m2			Rs	80706.00
10/101	P/L Semi dense bitumen concrete with 100-120 TPH do all complete job				
		VP No 6			
165.92 m3 @ Rs	10986.18 Per m3			Rs	1822827.00
11/22	P/F of typical MMGSY informatory sign board do all complete job				
		VP No 7			
2 no @ Rs	9281.31 Per no			Rs	18563.00
				Rs	2781350.00
	Labour Cess 1% on Rs				27814.00
	GST 12% on Rs				333762.00
				Rs	3142926.00
	Less 0.55% below			Rs	17286.00

Continuation

Rs 3125640.00

01-01-2021 JE

9/1/2021 A.E "C" & "P"

09/01/2021