पथ का नाम :- PWD Road to Parsauni (VR-21)

Measurement Book

F.D.R

Schedule XLV-Form No. 134

कार्यपालक अभियंता
ग्रामीण कार्य विभाग, कार्य प्रमण्डल
नरकटियागंज

DIVISION

98

प्रमंडल :- गौनाहा

SUB-DIVISION

M.B.No. 1552/2021-22

प्रमाणित किया जाता है कि इस मापी पुस्तक में संकलित ले चपा क्रमांक 0/से/100 रक्त लाया पन्ना है। इस मापी पुस्तक को सहायक अभियन्ता गागीता आर्थ विभाग आर्थ अवर प्रशासन सेवाद के नाम से निर्गत किया जाता है।

कार्यपालक अभियंता
ग्रामीण कार्य विभाग,कार्य प्रमण्डल
नरकटियागंज

This M.B. reissued to the name of J.E; Gauraha Sri Vijay Pratap Singh

AE

Sch, XLV-Form No. 134

कार्यपालक अभियंता
ग्रामीण कार्य विभाग,कार्य प्रमण्डल
नरकटियागंज
DIVISION

गौनाहा
SUB-DIVISION

Measurement Book

No. 1552
2021-22

Name of Officer _____

_____

Date of first entry _____

Date of last entry _____

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.	
Record Measurement					
Name of work —					
Repair of damage breaches (Damage by flood) for Motorability in					
PWD road to Parsauni in Gauraha block.					
Authority — E.E. RWD WI Div. NKE					
Agency — Departmental					
Road length — 3.243 km.					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Record Measurement					
① Measurement for scraping the breach with earth excavation & F/C.					
	1	$\frac{3.00+5.00}{2}$	× 1.00		
			× 0.60	cay =	2.40 m³
	1	$\frac{3.50+4.50}{2}$	× $\frac{0.75+0.35}{2}$		
			× $\frac{0.45+0.7}{2}$	cay =	2.40 m³
	1	$\frac{15 \times 6.00+9.00}{2}$			
		× $\frac{1.50+2.50}{2}$		cay =	225.00 m³
	1	$\frac{10 \times 7.00+8.00}{2}$			
		× $\frac{1.50+2.50}{2}$		cay =	135.00
	2	$\frac{3.00+5.00}{2}$	× 1.00		
			× 0.45	cay =	3.60
	1	$\frac{7.00+9.00}{2}$	× $\frac{0.75+1.20}{2}$		
			× 0.60	cay =	4.80
	1	$\frac{6.00+10.00}{2}$	× 1.00		
			× 0.60	=	4.80
	1	$\frac{20.00 \times 8.00+7.00}{2}$	× $\frac{1.50+2.50}{2}$	=	300.00
				cay T =	693.00 m³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Measurement for Surfacing the roads with brick bats @ ——— sqft.					
	1	$\frac{3.00+5.00}{2}$	× 1.00		
		× 0.30 cum		=	1.20 m³
	1	$\frac{3.50+4.50}{2}$	× $\frac{0.80+1.20}{2}$		
		× $\frac{0.20+0.40}{2}$ cum		=	1.20
	1	20 × $\frac{8.50+6.50}{2}$			
		× $\frac{0.75+1.25}{2}$ cum		=	150.00
	1	25 × $\frac{6.50+9.50}{2}$			
		× $\frac{0.90+1.15}{2}$ cum		=	187.50
	1	$\frac{4.50+3.50}{2}$ × $\frac{0.75+1.25}{2}$			
		× 0.30 cum		=	1.20
	1	7.00+3.00	× 1.00 ×		
		0.30 (cum)		=	2.40
	4	× 1.00 × 0.30		=	1.20
	1	7.00+9.00	× $\frac{0.75+1.25}{2}$		
		× 0.30 (cum)		=	2.40
				T =	347.10 m³

Continuation

21.8.21
OE.

21-8-21
AE

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1)	Measurement for surfacing the breach with earth work @ ——— R.L.				
	2 × (3.00+5.00)/2 × (0.75+1.20)/2 × (0.45+0.75)/2 (avg)				= 4.80 m^3
	9 × (3.50+4.50)/2 × 1.00 × 0.45 (avg)				= 3.60
	1 × 20 × (7.00+8.00)/2 × (2.50+1.50)/2				= 300.00
	1 × 10 × (7.00+8.00)/2 × (2.25+1.75)/2 (avg)				= 150.00
	1 × (7.00+9.00)/2 × 1.00 × 0.60 (avg)				= 4.80
	1 × (7.50+8.50)/2 × (0.75+1.25)/2 × (0.45+0.75)/2				= 4.80
					T = 468.00 m^3
(2)	Prov. filling sand bags stitching and placing etc. @ ——— R.L.				
	= 2155 No bags.				

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(3) Measurement for Serfacing the broach with brick bits — 50					
	1 × $\frac{7.00+5.00}{2}$ × $\frac{0.75+1.25}{2}$ × 0.30				= 1.20 m³
	1 × 20 × $\frac{6.50+8.50}{2}$ × $\frac{0.75+1.25}{2}$				= 150.00
	1 × 10 × $\frac{7.00+8.00}{2}$ × $\frac{0.75+1.25}{2}$				= 75.00
	1 × $\frac{7.00+9.00}{2}$	1.00	0.30		= 2.40
	1 × 4.00 × $\frac{0.90+1.10}{2}$ × $\frac{0.20+0.40}{2}$				= 1.20
	1 × $\frac{3.00+5.00}{2}$	1.00	0.30		= 1.20
	1 × $\frac{7.50+8.50}{2}$ × $\frac{0.75+1.25}{2}$		0.30		= 2.40
	2 × $\frac{3.00+5.00}{2}$ × $\frac{0.90+1.50}{2}$ × $\frac{0.20+0.40}{2}$				= 2.40
				T	= 235.80 m³

17.9.14

Continuation

AE

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Measurement for surfacing the breadth with earth under [illegible]					
	1	4.00	1.00	0.60	= 2.40 m³
	1	8.00	1.00	0.60	= 4.80
	1	4.00	0.375 + 1.25 / 2	0.40 + 0.85 / 2	= 2.40
	2	4.00	0.375 + 1.25 / 2	0.60	= 4.80
	2	3.00 + 5.00 / 2		0.30 + 1.50 / 2	
			0.30 + 0.60 / 2		= 7.60
				T =	18.00 m³

Hand 21.9.21 OE

21.9.21 AE

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Measurement for surfacing the breach with brick bats —					
2 × (3.00+5.00)/2 × (0.75+1.25)/2 (av) × (0.30+0.60)/2 (av)					= 3.60 m^3
2 × (7.00+9.00)/2 × (0.75+1.25)/2 × 0.75 (av)					= 4.00
1 × 4.00 × 1.00 × 0.30 (av)					= 1.20
1 × (3.00+5.00)/2 × (0.75+1.25)/2 × (0.20+0.40)/2 (av)					= 1.20
				T	= 10.00 m^3

UP

[signature] 9-10-21 OB

[signature] 9-10-21 AE

[signature] 4/11/21

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

ABSTRACT OF COST

NAME :

Repair of road breaches (damage by flood) for Motorability in PWD road to Parsauni.

Authority — E.E. PWD (W) Div. N.H.E.

Agency — Belsand mandal.

(1) Cost of embankment with approved material lead upto 1000 m — 1 Lot.

Qty vide TMB-P-(3) = 693.00 m3

Qty P-(4) = 468.00 m3

Qty P. (5) = 18.00 m3

T = 1179.00 m3

@ ₹ 134.33 / m3

= ₹ 158375.00

Continuation

Co = ₹ 158375.00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B.F = Rs	158375-00	
⑤/3 Prov. and laying brick bats including ——— Cub.					
qty P ③ = 347.10 m3					
qty P-⑤ = 235.80 m3					
qty P-⑦ = 10.00 m3					
T = 592.90 m3					
@ Rs 214.53 /m3 = Rs 127,306.7					
③/4 Prov. filling sand bags stitching and placing etc ——— Sab.					
qty vide P. ⑨ = 2155 No bags.					
Qty to limit = 2000 Nos.					
@ Rs 19.67 / per bags. = Rs 39340.00					
CO. T = Rs 1612					

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
		B.F = Rs	1468021.00		
④ Add. Cost of Labour Cess @ 1.00 % of 1468021.00 x 1 % = Rs					14680.00
⑤ Add. G.S.T @ 12.00 % 1468021.00 x 12.00 % = Rs					176163.00
⑥ Add. Sugnimage Fee. @ 10 % of material cost.					
(a) Earth work 1 x 1179.00 x 34.82 x 10 % = Rs					4105.00
(b) Brick bats 1.2 x 592.90 x 1549.51 x 10 % = Rs					110245.00
(d) Sand bags 0.034 x 2880 x 286.55 x 10 % = Rs					1949.00
T = Rs					1775163.00

26-11-21

Continuation