

Nawabganj to Chafang^o hat.

Shedule XLV Form No. 134.

MR-3054

Baysf

DIVISION

Baysi

SUB-DIVISION

Measurement Book

1312

FIR DOS.

1st on A/c Bill

1

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.	
Name of work - Nababganj to					
cha tangi					
Name of Agency - Firdos					
Date of Agreement - 09.05.2020					
Date of Completion - 08.02.2021					
Agreement No - 03 MBD/2020-21					
<u>Record Measurement</u>					
(1) Elw in excavation in foundation - do do					
Box culvert - $1 \times 6.0 \times 3.50 \times 0.65 = 13.65 \text{ m}^3$					
C. wall - $2 \times 3.50 \times 1.30 \times 1.80 = 16.38$					
R. wall - $4 \times 3.32 \times 2.42 \times 1.80 = 81.75$					
					111.78 m ³
					Limit 111.71 m ³
For 2 Nos					223.42 m ³
(2) P/V plain cement work in foundation (M15) - do					
$1 \times 6.0 \times 2.50 \times 0.10 = 1.50 \text{ m}^3$					
$4 \times 3.32 \times 2.42 \times 0.20 = 6.42 \text{ m}^3$					
					7.92 m ³
2 Nos					15.84 m ³

Continuation

Continuation

Particulars	Details of ac		Measurement		Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST					

① E/W in excavation in foundation — do — do					
Vide Page No (1) — 223.42 ^{m³}					
Vide Page No (6) item (1) — 111.71 ^{m³}					
335.13 ^{m³}					
e Rs 285.17 / m ³ — Rs 95,560					
② P/V plain cement concrete in foundation M15-class					
Vide Page No (1) — 15.84 ^{m³}					
Vide Page No (6) item (2) — 7.92 ^{m³}					
23.76 ^{m³}					
e Rs 5437.89 / m ³ — Rs 1,29,206					
③ Foundation reinforcement — mesh — do — do					
Vide Page No (2) — 2.40 MT					
Vide Page No (6) item (3) — 1.20 MT					
3.60 MT					
e Rs 61,084.87 / MT — Rs 2,19,906					
④ P/V plain cement concrete in foundation M20-class					
Vide Page No (2) — 66.46 ^{m³}					
Vide Page No (7) item (4) — 33.23 ^{m³}					
99.69 ^{m³}					
e Rs 6164.59 / m ³ — Rs 6,14,548					
Rs 10,59,22					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BPR	10,592
(5) sub-structure reinforcement					
- ment - do - do -					
vide Page No (3) - 2.90 MT					
vide Page No (3) item (1) - 1.45 MT					
				4.35 MT	
				Rs 61237.23/MT	Rs 2,66382
(6) P/V plain/reinforced					
Cement concrete on					
sub-structure - do do					
vide Page No (3) - 16.24 m ³					
				32.48 m ³	
vide Page No (8) item (2) - 16.24 m ³					
				48.72 m ³	
				Rs 6250.48/m ³	Rs 3,04,523
(7) P/V weep holes - do do					
vide Page No (3) - 72 Nos.					
vide Page No (8) item (3) - 36 Nos.					
				108 Nos.	
				Rs 117.73 each	Rs 12,715
(8) P/V Reinforced Cement					
concrete on sub-structure					
- do - do -					
vide Page No (3) - 19.98 m ³					
vide Page No (8) item (4) - 9.99 m ³					
				29.97 m ³	
				Rs 6476.17/m ³	Rs 1,94,095

Continuation

Rs 18,36,938

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.R.	18,36,938
(9.) Super structure					
Reinforcement chokh					
vide Page (4) -				1.68 MT	
vide Page No (9) item (5) -				0.84 MT	
				2.52 MT	
				cfm 62,386.60 MT	R 1,57,214
(10.) Top slab - ch - ch					
vide Page No (4) -				8.26 m ³	
vide Page No (9) item (6) -				4.13 m ³	
				12.39 m ³	
				cfm 6896.70 m ³	R 85,450
(11.) Const. of parapet with					
Plain / Reinforced					
cement concrete chokh					
vide Page No (4) -				8.4 m ³	
vide Page No (9) item (7) -				4.0 m ³	
				12.4 m ³	
				cfm 6250.48 m ³	R 75,006
(12.) P/V filter media - chokh					
vide Page No (5) -				39.62 m ³	
vide Page No (10) item (1) -				19.81 m ³	
				59.43 m ³	
				cfm 2942.62 m ³	R 1,74,880
(13.) P/V Back filling - chokh					
vide Page No (5) -				68.34 m ³	
vide Page No (10) item (2) -				34.17 m ³	
				102.51 m ³	
					R 23,29,48

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.P.	22329488-
	eR	2522.40		m ²	2,58,571
(14) painting on parapet — do — do					
vide Page No (5) - 55.28 m ²					
vide Page No (10) item (2) - 27.64 m ²					
				82.92 m ²	
eR 95.63 m ² — R					79362
(15) Drainage spots — do do					
vide Page (5) - 12 Nm					
vide Page No (10) item (4) - 6 Nm					
				18 Nm	
	eR	222.02	each	R	39962
Culvert's ^{total} Arriam — R					25,99,985-
(16) clearing and grubbing Road level — do — do					
vide Page No (11) - 0.816 m ²					
eR 49,496.70 m ² — R					40389-
(17) Dismantling of parapet stone / Brick masonry					
vide Page No. (11) - 17.28 m ²					
eR 228.72 m ³ — R					3952 = u
(18) Brick Masonry in C.M.					
U (3) in Parapet					
vide Page No (11) - 21.12 m ²					

Continuation

26,44,326 = u

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$\text{eRr } 5909.35 / \text{m}^2 - \text{R } 1,24,805$
(19) plastering with cement mortar (1:4) - do do					
vide Page No (12) - 146.56					
					$\text{eRr } 177.01 / \text{m}^2 - \text{R } 25,942$
(20) plastering with cement mortar (1:4) of existing culvert - do do					
vide Page No (12) - 141.12					
					$\text{eRr } 177.01 / \text{m}^2 - \text{R } 24,980$
(21) painting two coats on new concrete surface - do do					
vide Page No (13) - 287.63					
					$\text{eRr } 95.63 / \text{m}^2 - \text{R } 27,511$
(22) single row 300 mm ϕ irrigation conduit - do - do					
vide Page No (13) - 101.11					
					$\text{eRr } 8990.70 \text{ each} - \text{R } 89,907$
(23) Const. of granular sub-base by providing well graded material - do - do -					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
vide Page No (15) - 657.81 ^{ms}					
ern 1996.42/m ³ - Rn 11,13,62					
(24.) P/V laying, spreading and compacting WBM grading 2 - do - do					
vide Page No (18) - 317.73 ^{ms}					
ern 3533.22/m ³ - Rn 11,22,61					
(25.) P/V, laying, spreading and compacting WBM ³ - do - do					
vide Page No (23) - 382.53 ^{ms}					
ern 3269.082/m ³ - Rn 12,50,424					
(26.) P/V laying and rolling of close graded premix surfacing material of 20mm thickness - do - do					
vide Page No (27) 5099.98 ^{ms}					
ern 187.68/m ² - Rn 9,57,164					
(27.) P/V and applying prime coat with bitumen emulsion - do - do					
vide Page No (28) - 5099.98 ^{ms}					
ern 42.18/m ² - Rn 2,15,113					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(28.) P/V and applying tack coat with bitumen emulsion - do - do					
Vide Page No. (30) - 20,836.64 ^{m²}					
eqs 14.29 / m ² - R 2,97,756					
(29.) P/V and laying semi dense bituminous concrete - do - do					
Vide Page No. (32) - 393.34 ^{m³}					
eqn 94 20.39 / m ³ - R 37,05,416					
(30.) construction of earthen shoulder with approved materials - do - do					
Vide Page No. (33) - 3741.30 ^{m³}					
eqn. 176.75 / m ³ - R 6,61,275					
(31.) P/V Reinforced cement concrete M15 - do - do					
Vide Page No. (33)					
(i) kilometre stone - 31 m					
eqn. 2240.56 each - R 6722 =					
(ii) 200 m stone - 81 m					
eqn 622.60 each - R 4981 =					
(32.) P/V Road Retro reflected traffic sign providing and erecting direction					

Continuation

1,22,72,559 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
vide Page No (33) - 11.52m					
at Rs 12,318.53 each - Rs					1,41,909 =
(33) P/V and fixing of Road Stud - check					
vide Page No (33) - 49.85m					
at Rs 218.63 each - Rs					10,899 =
(34) P/V and fixing supply delineator - do					
vide Page No (33) - 20.77m					
at Rs 1098.95 each - Rs					22,825 =
(35) P/V and supplying					
installation of retro					
reflectised cone warning					
Mandating and infor-					
-matory - do - do					
vide Page No (33 to 34)					
(i) 600mm equilateral triangle - 34 Nos					
at Rs 4101.51 each - Rs					1,39,451 =
(ii) 600mm circular					
vide Page No (34)					
- 21 Nos					
at Rs 4213.77 each - Rs					8428 =
(iii) 600mm dia rectangles					
vide Page No (34) - 9 Nos					
at Rs 4067.87 each - Rs					36,611 =

Contn

1,20,32,682 =

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(36) (i) P/V and supplying thermoplastic paint					
vide Page No (34)					
		- 19.50 m ²			
		atn 735.40/m ²			14,340.2
(ii) Road strips choko					
vide Page No (34) - 15 th					
		atn 218.63 each			34,106.2
(37) Boundary pillar					
choko					
vide Page No (34) - 104 th					
		atn 528.58 each			54,972.2
(38) planting of trees and their maintenance					
choko					
vide Page No (34) - 213 th					
		atn 759.08 each			1,70,204.2
(39) (i) Road marking choko					
vide Page No (34) - 830 th					
		atn 735.40/m ²			6,10,970.2
(ii) Pedestrian crossi					
vide page No (34) - 24 th					
		atn 735.40/m ²			17,650.2

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(40) (i) PIV and fixing 'Logo' of project - 214m vide page No (35) - 214m					Rs 9334.54 each Rs 18,669 =
(ii) written information Board - check vide page No (35) - 214m					Rs 9334.54 each Rs 18,669 =
(iii) fixing Logo of shed - tenane project shg vide page No (35) - 114m					Rs 9334.54 each Rs 9335 =
Grand Total					Rs- 13,58,159
Less 0.08%					Rs 10,865 =
					Rs- 1,35,707
Adding GST @ 12%					Rs 16,284.88 =
Adding Labour cess @ 1%					Rs 1,35,707 =
					Rs 1,53,349.27
					sd/ish
					06/10/2020
					JB
Letter NO 72 Dated. 07.10.2020					
Allotment - 154,80,578 =					

Continuation

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) Prime coat (SS-1) →					4.33 MT
(11) Tack coat (RS-1) →					5.63 MT
(12) Bitumen (S-90) —					55.07 MT
(13) Steel —					10.42 MT
					9 chrs
					0.619.203
					50
<u>Gst on Account bill</u>					
SD	05%	—			766746 = w
ST	01%	—			153349 = w
CGST	01%	—			153349 = w
SGST	01%	—			153349 = w
L. cess	01%	—			153349 = w
Royalty		—			468129 = w
S. Fee		—			119069 = w
Deduction		—			19,67,340 = w
By. C.F.M.S		—			1,33,67,587 = w
Total		—			15334927 = w
Passed for Rs. 153,34,927 = w Rupees					
One crore fifty three Lac thirty					
four thousand nine hundred twenty					
seven only —					
Contn Executive Engineer R.W.D. Work Division (Civil Engineering) 10/10/2020 10/10/2020 10/10/2020					