

Nawabganj to Chafangj^{haat}.

Shedule XLV Form No. 134.

M/R - 3054

Baysi

DIVISION

Baysi

SUB-DIVISION

Measurement Book

1312

FIR DOS.

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					
Chattangi					
Name of Agency - Firdos					
Date of Agreement - 09.05.2020					
Date of Completion - 08.02.2021					
Agreement No - 03 MBD/2020-21					

Record Measurement

① E/W 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 - $2 \times 3.50 \times 1.30 \times 1.80 = 16.38 \text{ m}^3$ R. wall - $4 \times 3.32 \times 2.42 \times 1.30 = 81.78 \text{ m}^3$ 111.78 m³Limit 111.71 m³For 2 Nos ——— 223.42 m³

② P/V plain cement concrete 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 m³2 Nos ——— 15.84 m³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(ii) 60 mm circles - 2 Nm					
(iii) 60 mm x 50 mm rectangles - 9 Nm					
⑧ (i) P/V and supplying thermoplastic Paint -					
15 x 3.0 x 0.50 = 22.50 m ²					
with 19.50 m ²					
(ii) Road strips - 13 x 12					
= 156 Nm					
⑨ Boundary poles / Guard Post - 104 Nm					
⑩ planting of trees and their maintenance for one year - 213 Nm					
⑪ Road marking with hot Applied thermoplastic compound - du du					
① 2 x 454 x 0.10 = 830.80 m ²					
(ii) Pedestrian cross					
4 x 6.0 x 0.50 x 1 = 24 m ²					
⑫ P/V and fixing logo Maintenance Project					
(i) P/V and fixing logo					

Continuation

Sch. XLV Form No. 1					
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 / ^{m³} — Rs 95,569					
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 / ^{m³} — 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 61,084.83 / MT — Rs 2,19,900					
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 / ^{m³} — Rs 6,14,540					
Rs 10,59,200					

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.P.R 10,59,27
⑤ sub-structure reinforcement					
- ment - do - do -					
vide Page No (3) - 2.90 MT					
vide Page No (4) item (1) - 1.45 MT					
					4.35 MT
					Rs 61,237.23 / MT - Rs 2,66,382
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.	18,36938
(9.) Super structure Reinforcement chdh					
Vide Page (4) -				1.68 MT 0.84 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 - chdh					
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 chdh					
Vide Page No (4) -				8.00 m ³	
Vide Page No (9) item (7) -				4.00 m ³	
				12.00 m ³	
				cfm 6250.48 m ³	R 75,006
(12.) P/V filter media - chdh					
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 - chdh					
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

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.P. R 22329488
		2522.40			258,571
(14) painting on parapet					
Vide Page No (5) - 55.28 m					
Vide Page No (10) item (3) - 27.64 m					
					82.92 m
		95.63 m ²			79362
(15) Drainage spots - do do					
Vide Page (5) - 12 Nm					
Vide Page No (10) item (4) - 6 Nm					
(11)					18 Nm
		222.02 each			39962
					Culvert's ^{total} Amount - Rs 25,99,985
(16) clearing and grubbing					
Road land - do do					
Vide Page No (11) - 0.816 m					
		49,496.70			403892
(17) Dismantling of parapet					
stone / Brick masonry					
Vide Page No (11) - 17.28 m					
		228.72			39522
(18) Brick Masonry in C.M.					
(13) in Parapet					
Vide Page No (11) - 21.12 m					

Continued

26,44,326

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					etn 5909.35/m ² - R 1,24,805
(19) plastering with cement mortar (1:4) - do do					
vide Page No (12) - 146.56					
					etn 177.01/m ² - R 25,942
(20) plastering with cement mortar (1:4) of existing					
culvert - do do					
vide Page No (12) - 141.12					
					etn 177.01/m ² - R 24,980
(21) painting two coats on new concrete surface - do do					
vide Page No (13) - 287.68					
					etn 95.63/m ² - Rs 27,511
(22) single row 300 mm ϕ irrigation conduit					
— do — do —					
vide Page No (13) - 101.14					
					etn 8990.70 each - R 89,907
(23) Const. of granular sub-base by providing well graded material					
— do — do —					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
vide Page No (15) - 557.81 ^m					
er 1996.42/m ³ - R 11,13,62					
(24) P/V, laying, spreading and compacting WBM grading 2 - do - do					
vide Page No (18) - 317.73 ^m					
er 3533.22/m ³ - R 11,22,61					
(25) P/V, laying, spreading and compacting WBM ³ - do - do					
vide Page No (23) - 382.53 ^m					
er 3269.082/m ³ - R 12,50,42					
(26) P/V laying and rolling of close graded premix surfacing material of 20mm thickness - do - do					
vide Page No (27) 5099.98 ^m					
er 187.68/m ² - R 9,57,164					
(27) P/V and applying prime coat with bitumen emulsion - do - do					
vide Page No (28) - 5099.98 ^m					
er 42.18/m ² - R 2,15,11					

Continuation

7596409:

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 ^{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 ^{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 ^{m³}					
eqn. 176.75/m ³ - R 6,61,275					
(31.) p/v Reinforced cement concrete 1415 - do do					
Vide Page No. (33)					
(i) kiln burnt stone - 31m					
eqn. 2240.56 each - R 6722					
(ii) 200 m stone - 81m					
eqn 622.60 each - R 4981					
(32.) p/v Road Retro reflective traffic sign providing and erecting do do					

Continuation

1,22,72,559 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
vide Page No (33) - 11.52 ^m					
at 12,318.53 each					1,41,909
(33) P/V and fixing of Road Stud - check					
vide Page No (33) - 49.85 ^m					
at 218.63 each - R					10,899
(34) P/V and fixing supply delineator - ch					
vide Page No (33) - 20.7 ^m					
at 1098.95 each - R					22,825
(35) P/V and supplying					
installation of retro					
reflectised cautioning					
Mandatory and infor-					
-matory - ch					
vide Page No (33 to 34)					
(i) 60 mm equilateral triangle - 34 Nos					
at 4101.51 each - R					1,39,451
(ii) 600 mm circular					
vide Page No (34)					
- 21 Nos					
at 4213.07 each - R					84,28
(iii) 600 mm dia rectangles					
vide Page No (34) - 91 Nos					
at 4067.87 each - R					36,611

Contin

1,26,32,682

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		
			735.40 m ²		14,340.2
(ii) Road strips choko					
vide Page No (34) - 15 th					
			218.63 each		34,106.2
(37) Boundary pillar					
— ch — ch —					
vide Page No (34) - 104 th					
			528.58 each		54,972.2
(38) planting of trees and their maintenance					
— ch — ch —					
vide Page No (34) - 213 th					
			799.08 each		1,70,204.2
(39) (i) Road marking choko					
vide Page No (34) - 830 th					
			735.40 each		6,10,970.2
(ii) Pedestrian crossing					
vide Page No (34) - 24 th					
			735.40 m ²		17,650.2

Continued

1,35,34,924.2

Sch. XLV-Form No. 13

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(40) (i) PIV and fixing 'Logo' of project - 245 vide page No (35) - 2 Nm					18,669 =
ER 9334. 54 each R					18,669 =
(ii) Citizen Information Board - ch ch vide page No (35) - 2 Nm					18,669 =
ER 9334. 54 each R					18,669 =
(iii) fixing Logo of Med. - tenant project ch vide page No (35) - 1 Nm					
ER 9334. 54 each R					9335 =
Grand Total					Rs- 1,35,81,597
Less 0.08%					Rs 10,865 =
					Rs- 1,35,70,732
Adding GST @ 12%					Ru 16,28,488 =
Adding Labour cess @ 1%					Ru 1,35,707 =
					Rs 1,53,34,927
					30th
					06/10/2020
					JE
Letter NO 72 Dated. 07.10.2020					
Allotment - 1,54,80,578 = u					

Continuation

Continuation

Sch. XLV-Form No. 134

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 —					10.47 MT
9 chrs					
06/10/2020					
AC					
50					
Gst on Account bill					
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 —					

Copy
Executive Engineer
R.W.D. Work Division
10/10/2020
10/10/2020
R.W.D. (R.D.)
R.W.D.