

N/Scheme: - Bhojpur Kanai Path to Balrasti Bagh
length: - 0.8101 km.

Schedule XLV Form No. 134.

MMGISY NDB
Borles -

N/cont: - Rajrath Nirmam Indira Pr. Ld.

Agm: - 05/SBD/2021-22

DIVISION

SUB-DIVISION

21310 31 Mo: - 21/16

Measurement Book

ME No: - 1241

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 nd X Final Bill					
N/W: - Bhojpur Karai Path to Bairagi Bagh in Mandaurhi Block					
Agency: Baginath Nirman India Pvt. Ltd. At - Tehanabad					
Ag't. No: - 05/SBD/2021-22					

Date of Work Order: - 09/06/21

Measurement

Entry

(1) Const. of Subgrade &
shoulders — do — E/R

$$02 \times 30.0 \times 7.70 \times 0.300 = 138.60 \text{ m}^3$$

$$02 \times 02 \times 30.0 \times 1.40 \times 0.30 = 33.60 \text{ m}^3$$

$$C.O. = 172.20 \text{ m}^3$$

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F =	172.20 m ³
	02	30.0	0.95	0.075	= 8.55 m ³
				T =	180.75 m ³
(62.) Cont. of G.S.B. Gr. I					
	— do —			E/I	
	02	30.0	4.05	0.200	= 48.60 m ³
<u>Curve</u>					
	16.95	$\frac{(5.95 - 4.05)}{2}$		0.200	= 3.221 m ³

$$T = 51.821 \text{ m}^3$$

(63.) Cont. of W.B.M. Gr. III

— do — E/I

02	30.0	3.75	0.075	= 16.875 m ³
<u>Curve</u>				
16.95	$\frac{(5.65 - 3.75)}{2}$		0.075	= 1.208 m ³
			T =	18.083 m ³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty. = same as Tack Cont =					3100.186m ²
Limit =					3098.25m ²

(67.) Excavation for H.P.

— do — E/I

1 × 600 mm Ø

$$02 \times 4.15 \times 1.40 \times 1.47 = 17.081 \text{ m}^3$$

$$01 \times 5.78 \times 1.07 \times 0.25 = 1.546 \text{ m}^3$$

$$T = 18.627 \text{ m}^3$$

~~1 × 1000 mm Ø~~

~~$$02 \times 02 \times 6.45 \times 1.45 \times 1.50 = 56.115 \text{ m}^3$$~~

~~$$02 \times 01 \times 5.78 \times 1.55 \times 0.25 = 4.480 \text{ m}^3$$~~

~~$$T = 19.222 \text{ m}^3$$~~

(68.) PCC M15 in foundation

— do — E/I

1 × 600 mm Ø

$$02 \times 3.85 \times 1.40 \times 0.15 = 1.617 \text{ m}^3$$

$$01 \times 5.78 \times 1.07 \times 0.55 = 3.401 \text{ m}^3$$

$$(-) \text{ less for H.P. } \rightarrow 5.78 \times 0.22 = (-) 1.272 \text{ m}^3$$

$$T = 6.290 \text{ m}^3$$

~~1 × 1000 mm Ø~~

~~$$02 \times 01 \times 5.78 \times 1.07 \times 0.55 = 3.403 \text{ m}^3$$~~

~~$$02 \times 02 \times 6.45 \times 1.40 \times 0.15 = 5.418 \text{ m}^3$$~~

~~(-) less for H.P.~~

~~$$(-) 02 \times 5.78 \times 0.22 = (-) 2.543 \text{ m}^3$$~~

~~$$T = 13.424 \text{ m}^3$$~~

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(69.) Head wall in B.M (1:4)					
— do — E/I					
1 × 600 mm ϕ					
02 × 3.85 × 0.825 × 2.010 =					12.768 m ³
02 × 3.85 × 0.60 × 0.40 =					1.848 m ³
(-) left for H.P.					
2 × TY4 × 0.65 × 0.65 × 0.61 = (-)					0.405 m ³
					T = 14.211 m ³
1 × 1000 mm ϕ × 02 No.					
02 × 02 × 6.20 × 0.825 × 2.47 =					50.536 m³
02 × 02 × 6.20 × 0.40 × 0.60 =					5.952 m³
(-) left for 1340					

~~02 × 02 × TY4 × 1.20 × 1.20 × 0.61 = (-) 2.380 m³~~

~~T = 67.939 m³~~

(10.) P.R.C. Home pipe NPS

600 mm ϕ — do — E/I

03 × 2.50 = 7.50 m

(11.) P.R.C. Home pipe NPS

~~1000 mm ϕ — do — E/I~~ ~~P~~

~~02 × 03 × 2.50 = 15.0 m~~

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
i) KM stone					02 Nos.
ii) 200m stone					03 Nos.
(15) P. & F. Retro-reflectised traffic sign					do - E/I
i) 600mm sq. X A					06 Nos.
ii) 600mm Circular					04 Nos.
iii) 600mm x 450mm Rect.					02 Nos.
(16) P. & F. Boundary Pillars					do - E/I
			02 x 04		= 08 Nos.
(17) Planting Trees & their mainb					do - E/I
			Qty.		= 81 Nos.

R. S. S. S. S.
 20/11/2022
 Continuation
 M. S. S. S. S.

M. S. S. S. S.
 20/11/23
 A. E.

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(18.) Road Marking with hot applied thermo-plastic compound — do — E/I					
02x	10x	25.0	x	0.10 =	50.0 m ²
02x	10x	25.0	x	0.10 =	50.0 m ²
02x	10x	25.0	x	0.10 =	50.0 m ²
02x	02x	30.0	x	0.10 =	12.0 m ²
				T =	162.0 m ²

(19.) Pol. F. Typical MNG Sy

Project board — do — E/I

Qty = 03 Nos.

ABSTRACT OF COST

(01.) Const. of subgrade &
shoulders — do — E/I

Qty. vide T.M.B. p-06

$$= 2078.875 \text{ m}^3$$

$$p-12 = 180.75 \text{ m}^3$$

$$T = 2259.625 \text{ m}^3$$

@ Rs 222 = 61 per m^3

Rs 5,03,015.00

Continuation

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ii) upto 1000m load					
Qty. wide T.M.B. p-06					
= 801.679 m ³					
@ Rs 222 = 60 per m ³					178453.69
					Rs 1,78,454.00
(65) Const. of G.S.B. Gr. I					
— do — E/L					
Qty. wide T.M.B. p-07					
= 618.271 m ³					
p-12 = 51.825 m ³					
T = 670.096 m ³					
Limit = 669.223 m ³					
@ Rs 2245 = 07 per m ³					
					Rs 15,02,450.00
(66) Const. of W.B. M. Gr. II					
— do — E/L					
Qty. wide T.M.B. p-07					
= 215.641 m ³					
p-12 = 18.083 m ³					
T = 233.724 m ³					
Limit = 232.369 m ³					
@ Rs 3012 = 39 per m ³					
					Rs 6,99,986.00

Continuation

~~Rs 32,54,074.00~~
 3254075.24

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(07) Excavation For HoP.					
— do — E/r					
Qty. vide T.N.B.p-14					
= 79.222 m³ 18.627 m ³					
@ Rs 805=42				per m ³	
					Rs 5689=00
(08) PCC MIS in Founol.					
— do — E/r					
Qty. vide T.N.B.p-14					
= 13.424 m³ 36.29 m ³					
@ Rs 4737 52 = 20				per m ³	
					Rs 30,067=00
(09) Headwall in B.M(1:4)					
— do — E/r					
Qty. vide T.N.B.p-15					
= 67.939 m³ 14.24 m ³					
@ Rs 5196.18 5239 = 50				per m ³	
					Rs 73841=77
					Rs 74,459=00

Continuation

Rs 8364289
3363673.01

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) P.X.L. RCC pipe NP3					
600mm ϕ — do — E/L					
Qty. vide T.M.B.p-15					
= 7050m					
@Rs 3715=88				perm	
					Rs 27,869=00
(11) P.X.L. RCC pipe NP3					
1000mm ϕ — do — E/L					

Qty. vide T.M.B.p-15					
= 2000m					
(12) Plastering with CM(1:4)					
— do — E/L					
Qty. vide T.M.B.p-16					
= 93.152m ² 23.9m ²					
@Rs 143=74				perm ²	
					Rs 3435 ³⁸ =00

Continuation

Rs 3395593=00
3394977.39

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) Painting two coats — do — E/S					
Qty. vide T.N.B.D-16 = 93.152 m ² 3.90 m ²					
@ R 147=09 per m ²					R 3515 ^{.45} =00
(14) P & L Prime Coat — do — E/S					
Qty. vide T.N.B.D-13 = 3098.25 m ²					
@ R 43=73 per m ²					R 135486 ^{.47} =00
(15) P & L Tack Coat — do — E/S					
Qty. vide T.N.B.D-13 = 3098.25 m ²					
@ R 14=81 per m ²					R 45885=00
Continuation					R 35,80,479=00 3579864.31

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16) P.R.L. Mix Seal Surface					
— do — E/I					
Qty. vide T.M.B. p-14					
= 3098.25 m ²					
@ Rs 186 = 30 per m ²					577203.98
					Rs 5,77,204.00
(17) P.R.F. K.M. Stones					
— do — E/I					
Qty. vide T.M.B. p-17					
i) KM Stones — 02 Nos					
@ Rs 2082 = 42 Each					4164.84
					Rs 4165.00
ii) 200mm stones — 03 Nos.					
@ Rs 593 = 45 Each					4164.84
					Rs 1780.00
(18) P.R.F. Retro-reflectorized traffic sign — do — E/I					
					4163013.48
					Rs 41,63,628.00
					3643013

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty. vide T.M.B.p-17					
i) 600mm = eq. & Δ = 06 Nos.					
@ Rs 3394 = 2.9 Each					
					Rs 20,365.74
					Rs 20,366.00
ii) 600mm Circular = 04 Nos.					
@ Rs 4568 = 53 Each					
					Rs 18,274.00
iii) 600mm x 450mm Recto = 02 Nos.					
@ Rs 4448 = 34 Each					
					Rs 8896.68
					Rs 8897.00
(19) P. & F. Boundary Pillars					
— do — E/I					
Qty. vide T.M.B.p-17					
= 08 Nos.					
@ Rs 506 = 47 Each					
					Rs 4051.76
					Rs 4052.00
(20) Planting Trees & their					
maint. — do — E/I					
					Rs 42,15,217.00
					Rs 42,15,217.00

Continuation

Rs 42,15,217.00
42,15,217.00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty. vide T.M.B.p-17					
= 81.0 Nos.					
@ Rs 1150 = 18 Each					93164.58
					Rs 93165.00
(21) Road Marking with hot applied — do — E/I					
Qty. vide T.M.B.p-18					
= 162.0 m ²					
@ Rs 722 = 30 per m ²					
					Rs 1,17,012.60
					Rs 1,17,015.00
(22) P.x.F. Typical MNGSY board — do — E/I					
Qty. vide T.M.B.p-18					
= 03 Nos.					
@ Rs 9308 = 48 Each					
					Rs 27925.00
C.O. → TOTAL =					Rs 44,53,820.00
					44,52,704.00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Bof →					44,53,320.00 44,53,320.00
Add 1% Labour Con =					44,533.00 44,533.00
Add 12% C.S.T =					5,34,398.00 5,34,398.00
GRAND TOTAL =					50,32,251.00 50,32,251.00
(-) less 1% A per Act =					50,322.51 50,322.51
NET TOTAL =					49,75,705.00 49,75,705.00
(-) less Previous Pay. =					34,07,192.00 34,07,192.00
NET PAYMENT =					15,68,513.00 15,68,513.00

~~PPM~~
20/11/23
A/C

~~MMH~~
20/11/23
H/E