N/Scheme:- Chata PMGSY Path (L068A) to Chata

Length:- 0.670

Shedule XLV Form No. 134.

MMGSY NDB Bricks

N/cont:- Baijnath Nirman India Pvt Ltd.

Agr^t:- 05/SBD/2021-22

DIVISION

SUB-DIVISION

चहार अमिo:- मयौदी

Measurement Book

M.B No:- 1242

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2nd & Final Bill					
N/W:- Const. of Road from Chalia PMGSY Path (L0688) to Chata					
Agency:- Bajinath Nirman India Pvt. Ltd. Jehanabad					
Agt. No:- 05/SBD/2021-22					
Date of Start — 09/06/2021					
Measurement Entry					
(01.) Const. of C.C. Pavement					
— do — C/T					
01	20.0	3.75	0.160 =		12.0 m³
02	25.0	3.75	0.160 =		30.0 m³
			C.O. =		42.0 m³

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B.F =		42.0 m³
Approach					
	01 ×	5.45 × (6.05 - 3.75)/3	× 0.160 =		0.669 m
	01 ×	7.80 × (6.15 - 3.75)/3	× 0.160 =		0.998 m
			T =		43.667 m³
		Limit =			42.84 m³
(02) Hard Shoulder ring					
— do — C/I					
	02 ×	70.0 ×	0.25 =		35.0 m²
(03) P.& C. Prime Coat					
— do — C/I					
	10 ×	30.0 ×	3.75 =		1125.0 m²
	10 ×	30.0 ×	3.75 =		1125.0 m²
Curves					
	02 ×	9.65 × (5.95 - 3.75)/2 =			21.23 m²
	12.05 ×	(5.85 - 3.75)/2 =			12.653 m²
	11.65 ×	(6.05 - 3.75)/2 =			13.397 m²
				T =	2297.28 m²

Continuation

Limit = 2295.0 m²

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(04) P.&L. Tack Coat					
— do — E/I					
Qty. = same as Prime Coat					= 2297.28
Limit = 2295.0 m²					
(05) P.&L. M.S.S.					
— do — E/I					
Qty. vide T.M.B. P-22					
= same as Tack Coat					= 2297.28 m²
Limit = 2295.0 m²					
(06) P. & F. K.M. Stones					
— do — E/I					
Qty. vide T.M.C					
i) KM stones					— 02 Nos.
ii) 200m stones					— 03 Nos.

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(07.) P. & C. Traffic Signs					
— do — E/L					
i) 600 mm Eqi. Δ —					06 Nos.
ii) 600 mm Circular —					04 Nos
iii) 600 mm x 450 mm Rect. —					02 Nos.
(08.) P. & F. Boundary Pillar					
— do — E/L					
			Qty	=	08 Nos.
(09.) Road Marking with hot applied thermo:-					
— do — E/L					
i) BT Surface					
	02	x 10	x 30.0 x	0.100 =	60.0 m²
	02	x 10	x 30.0 x	0.100 =	60.0 m²
ii) CC Pave	02	x	70.0 x	0.100 =	14.0 m²

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(10.) Planting trees & their maint.	—do—	—do—	—do—		
	Qty. at per site = 54 Nos.				
(11.) P & F. LOGO Boards.	—do—	—do—			
	= 03 Nos.				
(12.) Const. of Embankment	—do—	—do—			

Chainage	Area (m²)	Mean Area (m²)	Distance (m)	Volume (m³)
0	—	—	—	—
100	4.652	2.326	100	232.60
200	5.684	5.168	100	516.80
300	5.645	5.665	100	566.45
400	5.354	5.500	100	549.95
500	4.957	5.156	100	515.55
600	5.687	5.322	100	532.20
700	5.954	5.821	100	582.50
800	5.158	5.556	100	555.60
810	2.236	3.697	10	36.97
			T =	4088.57 m³

Subtracting
(–) less for Subgrade = (–) 376.80 m³
(–) less for Gr. B. = (–) 478.89 m³
(–) less for W.B.M. G III = (–) 192.21 m³
(–) less for CC. pavement = (–) 42.89 m³

C/W in Embank = 2997.43 m³

i) upto 1000m lead = 2997.43 × 0.30 = 899.229 m³
Limit = 898.71 m³

ii) upto 100m lead = 2997.43 × 0.70 = 2098.201 m³
Limit = 2092.32 m³

30/05/2023 JE Masan

Continuation

30/05/23 AE

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Abstract of Cost					
(01.) Setting Out					
—do— E/I					
Qty. vide T.M.B.P-11					
= 0.67 km					
@Rs 10845=95 per km					
				Rs 7267=00	
(02.) Clear & Grub.					
—do—					
Qty. vide T.M.B.P-11					
= 0.235 ha.					
@Rs 52,998=20 per ha.					
				Rs 12,455=00	
(03.) Excavation in soil					
—do— E/I					
Qty. vide T.M.B.P-11					
= 20.75 m^3					
@Rs 75=57 per m^3					
				Rs 1568=00	
				Rs 21,290=00	

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(04) E/W in excavation in retaining wall —do— E/I					
Qty. vide T&M.B.P-12 = 135.0 m³					
@Rs 305=42 per m³					Rs 41,232=00
(05) PCC M15 in found. —do— E/I					
Qty. vide T&M.B.P-12 = 22.491 m³					
@Rs 4780=20 per m³					Rs 1,07,511=00
(06) PCC in substructure —do— E/I					
Qty. vide T&M.B.P-12 = 153.56 m³					
@Rs 4780=22 per m³					Rs 7,34,051=00
(07) Prov. weepholes —do— E/I					
					Rs 904084=00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Qty. vide T.M.B.p-13					
= 150 Nos.					
@Rs 108=17 each					
					Rs 16,270=00
(68) Coutt. of Subgrade & shoulders —do— C/L					
Qty. vide T.M.B.p-13					
= 376.80 m³					
@Rs 220=58 per m³					
					Rs 83,115=00
(69) Coutt. of G.S.B. Gr.I —do— C/L					
Qty. vide T.M.B.p-13					
= 478.89 m³					
@Rs 2317=41 per m³					
					Rs 11,09,784=00
(70) Coutt. of W.B.M. Gr.III —do— C/L					
Qty vide T.M.B.p-14					
= 192.21 m³					

Continuation Rs 21,13,253=00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
@Rs 3099=79 per m³					
					Rs 5,95,811=00
(11.) Excavation for H.P.					
—do— E/I					
Qty. vide T.M.B.p-14					
= 87.78 m³					
@Rs 305=42 per m³					
					Rs 26810=00
(12.) PCC in foundation					
—do— E/I					
Qty. vide T.M.B.p-14					
= 16.45 m³					
@Rs 4780=20 per m³					
					Rs 78,634=00
(13.) Headwall in BM(1:4)					
—do— E/I					
Qty. vide T.M.B.p-15					
= 74.38 m³					
@Rs 5239.=50 per m³					
					Rs 3,89,714=00
					Rs 32,04,222=00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(14) RCC pipe NP3 600mm ϕ					
—do— C/I					
Qty. vide T.M.B. p-15					
= 7.50m					
@ Rs 1191=26 per m					
					Rs 8934=00
(15) RCC NP3 1000mm dia					
H.P. —do— C/I					
Qty. vide T.M.B. p-15					
= 22.50m					
@ Rs 3715=88 per m					
					Rs 83,607=00
(16) Plastering with CM(1:4)					
—do— C/I					
Qty. vide T.M.B. p-16					
= 97.63m²					
@ Rs 143=74 per m²					
					Rs 14033=00
					Rs 3310796=00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(17) Pointing flush coat.					
—do—					
Qty. vide T.M.B. p-16					
= 97.63 m²					
@Rs 147=09 per m²					
					Rs 14,630=00
(18) Const. of CC Pavement					
—do—					
Qty. vide T.M.B. p-21					
= 42.84 m³					
@Rs 5921=35 per m³					
					Rs 2,53,671=00
(19) Laying Brick Soling Layer					
—do—					
Qty. vide T.M.B. p-21					
= 35.0 m²					
@Rs 485=02 per m²					
					Rs 16,976=00
					3595803=
					Rs 35,96,073=00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(20) P. & L. Prime Coat					
—do— E/I					
Qty. vide T.M.B.p-21					
= 2295.0 m²					
@Rs 43=72 per m²					
					Rs 1,00,337=00
(21.) P. & L. Tack Coat					
—do— E/I					
Qty. vide T.M.B.p-22					
= 2295.0 m²					
@Rs 14=80 per m²					
					Rs 33,966=00
(22.) P. & L. Mix Seal Surface					
—do— E/I					
Qty. vide T.M.B.p-22					
= 2295.0 m²					
@Rs 188=09 per m²					431667=
					Rs 4,31,666=00
(23.) P. & F. K.M. Stone.					
—do— E/I					
					4161773
					Rs 41,62,042=00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
i) KM stones					
Qty vide TMB. p-22					
= 02 Nos.					
@ Rs 2093=92 Each					
					Rs 4188=00
ii) 200 m stones					
Qty. vide TMB. p-22					
= 03 Nos.					
@ Rs 595=50 Each					
					Rs 1787=00
(24.) P. & f. Traffic Signs					
— do —					— c/f
Qty. vide TMB. b-23					
i) 600mm eqi ∅ Δ = 06 Nos.					
@ Rs 3400=53 Each					
					Rs 20,403=00
ii) 600 mm Circular = 04 Nos.					
@ Rs 4574=77 Each					
					Rs 18,299=00
iii) 600mm x 450mm Rect = 02 Nos.					
@ Rs 4454=57 Each					
					Rs 8909=00
					Rs 42,15,628=00
					4215359

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(25) P.& F. Boundary Pillars					
—do— F/F					
Qty. vide T.N.B.p-23 = 08 Nos.					
@Rs 485=02 Each					
					Rs 3880=00
(26) Road Marking with hot applied thermo-comp. —do— F/F					
i) On BT surface.					
Qty. vide T.N.B.p-23 = 120.0 m²					
@Rs 722=30 per m²					
					Rs 86,676=00
ii) On CC Surface					
Qty. vide T.N.B.p-23 = 14.0 m²					
@Rs 753=08 per m²					
					Rs 10,543=00
Continuation					Rs 4316727=00 4316458 =

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(27) Planting tree & their maintenance —do— E/I					
Qty. vide T.M.B.P-24 = 54 Nos.					
@Rs 1150=18 Each					Rs 62,110=00
(28) P.& F. NIMGSY 1060 Board —do— E/I					
Qty. vide T.M.B.P-24					
= 03 Nos.					
@Rs 9319=23 Each					Rs 27,958=00
(29) Cutt. of Embankment —do— E/I					
i) Upto 1000m lead					
Qty. vide T.M.B.P-24 = ~~896.71 m³~~ 896.707					
@Rs 222.60 per m³					~~Rs 1,99,608=00~~ 199607 =
					~~Rs 46,06,403=00~~ 4606133 =

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
ii) Upto 100m lead					
Qty. vide T.N.B.P-24					
= 2092.32 m³					
@ Rs 185=15 per m³					Rs 3,87,393=00
TOTAL = Rs 49,93,196=00					
Add 1% Labour Cess = Rs 49938=00					
Add 12% G.S.T. = Rs 5,99,256=00					
Add Seigniorage fee = Rs 8.1903=00					
GRAND TOTAL = Rs 57,24,893=00					
(-) less 1.11% As per Agt. = Rs 63,546=00					
NET TOTAL = Rs 56,61,347=00					
(-) less Previous Pay. = Rs 36,85,260=00					
NET Payment = Rs 19,76,087=00					

30/05/2023 JE/MO Sawai Madhopur

30/05/23 AEE

Material Consumption upto date.

Earth –	3365.83 m³
S/metal –	555.12 m³
Sand –	218.72 m³
Cement –	59.01 MT
Emulsion SS1 –	1950.75 kg
Emulsion RS1 –	631.13 kg
Bitumen S90 –	3901.50 kg

30/05/2023
JE/Mussoorie

Continuation