

Construction of Road from "Kali Asthan Norija Path" to
Bagahara. (MMSY, NDB)

Schedule XLV-Form No. 134

08/2

Agreement No- 06, SBD/2023-024

R. M. D. Baghera-2 **DIVISION**

Block - Madhubani **SUB-DIVISION**

M/S - Shree Construction

MEASUREMENT BOOK 480

3rd and final Bill

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
Name/work-const. of Road from					
" Kali Astham noniya patli to					
Bagahawa (mmsy, NDB)					
Agency - Sharma construction					
AT- ward No-24, Marham Tola					
Rocgaha - I, (845101) West champ.					
Agreement No - 06 SBD/2023-024					
Approved Rate - 0.09 % Below					
date / start - 09/08/2023					
date / completion - 08/08/2024					
1/(01) - Setting out					
(i) const. of B.M					
sty wide P(44)/TMB = 2.899km					IPU
@ Rs 5823.53/km = Rs 16882.00					
2/(02) - (ii) const. of Ref. pillar					
sty wide P(44)/TMB					
= 2.899km					IPU
@ Rs 2742.71/km = Rs 7951.00					
3/(03) - clearing					
Deleted					IPU
Measurement - nil.					
IPU 30/05/2024					
J-E					
IPU 30/05/24					

Continuation

Abstract of Cost

(for 3rd and final bill)

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name/Work-Const. of Road from					
"Kali Astham neeriga patti to Bagahawa"(MMHSY, NDB)					
Agency - Sharma construction					
At-ward No-24, Mastam Tola					
Bagaha - 1, (845/01), West Champ.					
Agreement No-06SBD/2023-024					
Approved Rate - 0.09%. Below					
Date/Start - 09/08/2023					
Date/Completion - 08/08/2024					
1/(01) - Setting out of					
(i) construction of					
Reference and					
working B.M.					
Qty vide P(44)/TMB					
= 2.899 km					
@Rs 5823.53/km = Rs 16882=					
2/(02)-(ii)-Const. of Reference					
Pitthal - do - do -					
Qty vide P(44)/TMB					
= 2.899 km					
@Rs 2742.71/km = Rs 7951=					
3/(03)-Clearing and grubbing					
Qty vide P(44)/TMB					
= 0.87 Hect					
@Rs 72697.86/Hect = Rs 63247=					
4/(04)-Excavation for R/way in soil					
Qty vide P(44)/TMB = 10.20m ³					
@Rs 179.66/m ³ Continuation = Rs 1833=					
= Rs 89913=					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B. f. Amount					= Rs 89,913 =
5/(06) - Const. of Embank. L=1000 m					
Qty vide P(45)/TMB					= 1775 m ³
@ Rs 259.44/m ³					= Rs 4,59,725 =
6/(07) - Const. of Embank. L=100 m					
Qty vide P(45)/TMB					= 443.80 m ³
@ Rs 183.61/m ³					= Rs 81,486 =
7/(08) - Const. of subgrade and					
Earthen shoulder - do -					
Qty vide P(45)/TMB					
					= 8390.48 m ³
@ Rs 262.54/m ³					= Rs 22,02,837 =
8/(09) C.S. B. - const. of hsd					
by providing well graded					
materials - do - do -					
Qty vide P(45)/TMB					= 2269.99 m ³
@ Rs 5696.17/m ³					= Rs 1,29,27,401 =
9/(10) - WBM Gr-3 - P/V, laying					
Spreading and compacting					
Stone Agg. - do - do -					
Qty vide P(46)/TMB					
					= 823.489 m ³
@ Rs 7555.68/m ³					= Rs 62,22,019 =
10/(11) - Prime Coat - P/V.					
and Applying Primer					
Coat with bitumen emul.					
(SS-1) - do - do -					
Qty vide P(46)/TMB					
					= 10,415.63 m ²
@ Rs 60.93/m ²					= Rs 6,34,629 =
					= Rs 2,26,18,005 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B. & F. Amount					= Rs 2,26,18,005=
11/(12) - Tack coat - P/M and					
Applying tack coat with					
bitumen emulsion (RS-1) do					
do do all				4506	
Qty wide P(46)/TMB					
					= 10415.63 m ²
@ Rs 20.90/m ²					= Rs 2,17,687=
12/(13) - mix Seal Surfacing (RSS)					
P/M; Laying & Rolling - do					
Qty wide (P-46)/TMB					
					= 10415.62 m ²
@ Rs 341.39/m ²					= Rs 35,55,792=
13/(14) - C.C. pavement -					
const. of unreinforced					
P.C.C. pavement					
do do all				1506	
Qty wide P(47)/TMB					
					= 90.29 m ³
@ Rs 11680.63/m ³					= Rs 10,54,644=
14/(15) - Laying brick & Soling					
Layer on prepared					
sub grade - do -					
Qty wide P(47)/TMB					= 149 m ²
@ Rs 466.36/m ²					= Rs 69,488=
15/(16) - Earth work excavation					
for found ⁿ of structure					
do do do					
Qty wide P(47)/TMB					= 330.58
					= 410.66 m ³
@ Rs 410.66/m ³					= Rs 1,35,756=
16/(17) - P/M concrete for (11-10) do					
Qty wide P(47)/TMB					= 23.80 m ³
@ Rs 10865.44/m ³					= Rs 2,58,597=

Continuation

= Rs 2,79,09,969=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B. f. Amount					= Rs 2,79,09,969 =
17/(18) - P/V. Const. for (M-15)					
Plain Cement Conc. in open					
found ⁷ — do — do —					
Qty wide P(47)/TMB =					66.54 m ³
@ Rs 10230.68/m ³					= Rs 6,80,749 =
18/(19) - P/V. Conc. plain Conc.					
in open found ⁷ pcc					
(M-15) grade — do —					
Qty wide P(48)/TMB =					73.53 m ³
@ Rs 10230.68/m ³					= Rs 7,52,262 =
19/(20) - P/V. concrete for pcc					
(M-20) Nominal size					
(1:2:4) — do — do —					
Qty wide P(48)/TMB					
=					7.83 m ³
@ Rs 11,155.97/m ³					= Rs 87,351 =
20/(21) - P.C.C. in slab struc.					
PCC (M-15) grade — do —					
Qty wide P(48)/TMB =					40.348 m ³
@ Rs 10,519.45/m ³					= Rs 4,24,439 =
21/(22) - Supplying fitting &					
placing HYSD bar Rein-					
-for cement — do — do —					
Qty wide P(48)/TMB =					0.818 MT
@ Rs 88981.45/MT					= Rs 72,787 =
					= Rs 2,99,27,557 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.f. Amount					= Rs 2,99,27,557 = L
22/(23) - P.C.C. in sub struct.					
(M-15) Grade do-do					
Qty vide P(48)/TMB = 17.85 m ³					
@ Rs 10,519.45/m ³					= Rs 1,87,772 = L
23/(24) - Painting two coats					
including primer coat					
do do all C/Sch.					
Qty vide P(49)/TMB = 124.80 m ²					
@ Rs 127.28/m ²					= Rs 15,885 = L
24/(25) - Back filling behind					
wing wall, Abutment					
and R/Wall do do					
Qty vide P(49)/TMB = 137.16 m ³					
@ Rs 954.85/m ³					= Rs 1,30,967 = L
25/(26) - P/v. WceP holes do					
Qty vide P(49)/TMB = 57 nos					
@ Rs 150.12/each					= Rs 8,557 = L
26/(27) - Guard post do					
Qty vide P(49)/TMB = 24 nos					
@ Rs 757.19/each					= Rs 18,173 = L
27/(28) - R.C.C. Grade (M-25)					
in slab structure do					
Qty vide P(49)/TMB = 19.98 m ³					
@ Rs 11934.75/m ³					= Rs 2,38,456 = L
28/(29) - Supplying fitting & plating					
Qty vide P(49)/TMB = 2.358 MT					
@ Rs 8,497.99/MT					= Rs 1,92,172 = L
Continuation					= Rs 3,07,19,539 = L

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B. & F. Amount					= Rs 3,07,19,539 =
29/(30) - P.V. and Laying filter media	do	do	do	all 4/5	
Qty wide P(50)/T.M.B =				39.968 m ³	
@ Rs 6463.54/m ³					= Rs 2,58,335 =
30/(31) - Drainage Spout	do				
Qty wide P(50)/T.M.B =				4 m ³	
@ Rs 817.20/each					= Rs 3269 =
31/(32) - R.C.C. (M-25) - R.C.C. in super structure				do	
Qty wide P(50)/T.M.B =				8.188 m ³	
@ Rs 12759.26/m ³					= Rs 1,04,473 =
32/(33) - Const. of R.C.C. Railing of (M-25) Grade	do				
Qty wide P(50)/T.M.B =				10.00 m	
@ Rs 6647.67/m					= Rs 66,477 =
33/(34) - Bedding for T.B' PCC (M-20) bedding					
Concr. - do - do - all 4/5					
Qty wide P(50)/T.M.B =				4.20 m ³	
@ Rs 574.77/m ³					= Rs 2414 =
34/(35) - P.V. and Laying R.C.C. pipe N.P. ₃ 1000 mm ϕ .					
Qty wide P(50)/T.M.B =				22.50 m	
@ Rs 7772.15/m					= Rs 1,74,873 =
35/(36) - Dismantling of struct.					
Qty wide P(50)/T.M.B =				0.34 m ³	
@ Rs 658.99/m ³					= Rs 224 =

Continuation

= Rs 3,32,96,04 =

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
B. f. Amount					= Rs 3,13,29,604 =
36/(37) Dismantling of street.					
Qty vide P(51)/TMD = 0.76 m ³					
@ Rs 1649.22/m ³					= Rs 1253. =
37/(38) - Dismantling of street.					
Qty vide P(51)/TMD = 24.75 m ³					
@ Rs 469.35/m ³					= Rs 11,567 =
38/(39) - providing & Laying					
R.C.C. Pipe R/P ₄ - do -					
(Qty 300 mm Ø)					
Qty vide P(51)/TMD = 60 M					
@ Rs 1063.39 / M					= Rs 63,803 =
39/(40) - Kilometer Stone - do -					
Qty vide P(51)/TMD = 3 Nos					
@ Rs 3832.26/each					= Rs 11,497 =
40/(41) - 200 m Stone Post					
Qty vide P(51)/TMD = 12 Nos					
@ Rs 999.53/each					= Rs 11,994 =
41/(42) - Boundary pillar					
Qty vide P(51)/TMD = 43 Nos					
@ Rs 757.19/each					= Rs 32,559 =
42/(43) - Plv. and fixing of Typical					
MMHSY Informatory sign					
Qty vide P(52)/TMD = 2 Nos					
@ Rs 15,437.75/each					= Rs 30,876 =
43/(44) - Maintenance board.					
Qty vide P(52)/TMD = 1 No.					
@ Rs 15437.75/each					= Rs 15,438 =
44/(45) - MMHSY 'Logo' Board.					
Qty vide P(52)/TMD = 1 No.					
@ Rs 15437.75/each					= Rs 15,438 =
Continuation					= Rs 3,15,24,029 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Q.S. Amount					= Rs 3,52,402.9 = L
45/(46) - P/V and fixing of Retro-reflectors in sign board (i) equilateral triangle — do —					
Qty vide P(52)/TMB = 12 Nos					
@ Rs 4683.59/each = Rs 56,203 = L					
46/(47) - P/V and fixing of 900mm size octagonal — do — do —					
Qty vide P(52)/TMB = 2 Nos					
@ Rs 9821.60/each = Rs 19,643 = L					
47/(48) - P/V and fixing of Retro-reflectors in 600mm Circular — do — do —					
Qty vide P(52)/TMB = 6 Nos					
@ Rs 5866.10/each = Rs 35,197 = L					
48/(49) - Providing and fixing Retro-Ref. Cautionary sign 600mm x 450mm Rectangular — do —					
Qty vide P(53)/TMB = 2 Nos					
@ Rs 5818.73/each = Rs 11,637 = L					
49/(50) - P/V and fixing hot Applied Thermoplastic compound — do — do —					
Qty vide P(53)/TMB = 549.60 m ²					
@ Rs 781.51/m ² = Rs 4,29,518 = L					
Continuation					= Rs 3,20,76,227 = L

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
B & Amount					= Rs 3,20,76,227 = L
50/(51) - P/W and Laying of hot Applied Thermo plastic compound on PCC surface — do — do —					
Qty vide P(53)/TMD = 29.80 m ²					
@ Rs 879.87/m ²					= Rs 26,220 = L
51/(52) - Rubble Strip Covered with M-S.S. bituminous Carpet — do — do —					
Qty vide P(53)/TMD = 28.125 m ²					
@ Rs 341.37/m ²					= Rs 9602 = L
52/(53) - Rubble strip P/W and Laying of hot Applied Thermo plastic compound — do —					
Qty vide P(53)/TMD = 28.125 m ²					
@ Rs 781.51/m ²					= Rs 21,980 = L
53/(54) - Planting of Tree and their maintenance for one year Planting of tree by the Road side — do — do — all c/Sob.					
Qty vide P(54)/TMD = 138 Nos					
@ Rs 1173.87/each					= Rs 1,61,994 = L
					= Rs 32,29,6023 = L
Add - 1 % L/cos					= Rs 32,29,60 = L
Add - 18 % GST					= Rs 58,13,284 = L
					/
Continuation					= Rs 3,84,32,267 = L

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B. & Amount					= Rs 38432267=
Add. Seigniorage fee					
9) Reference to vide P(43)/TMB					
1. Earth Work = 1622.23 m ³					
@ Rs 35.01/m ³ =					Rs 56794=
2. Stone Aggregates					
(i) (53-26.5) = 66.94 m ³					
@ Rs 915.67/m ³ =					Rs 61295=
(ii) (26.5-4.75) = 67.40 m ³					
@ Rs 424.21/m ³ =					Rs 28592=
(iii) (3.53-22.4) = 47.30 m ³					
@ Rs 1080.50/m ³ =					Rs 51108=
3. Coarse Sand = 40.16 m ³					
@ Rs 494.24/m ³ =					Rs 19839=
4. Stone screening = 9.38 m ³					
@ Rs 424.21/m ³ =					Rs 3979=
5. Stone chips = 281.22 m ³					
@ Rs 424.21/m ³ =					Rs 119296=
6. Crushed Stone = 81.26 m ³					
@ Rs 886.24/m ³ =					Rs 71997=
					T = 305533=
					T = 412900.2 (9)
S&S @ 1.00%					=
					= Rs 44
b) Reference to					
vide P(25)/TMB.					
1. Earth/Work = 6888.10 m ³					
(11) (1000 M L)					
@ Rs 35.01/m ³ =					Rs 241152=
(11) 1000 M L = 1775 m ³					
@ Rs 35.01/m ³ =					Rs 62143=
					Continuation = 303295=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B. f. Amount 3,84,32,267=
B. f. Amount of S. f.					= Rs 30,32,95=
2. Stone Aggregates					
(i) ^{Size} (53-9.50)					= 1294.76 m ³
					@ Rs 915.67/m ³ = Rs 11,85,573=
(ii) (9.50-2.36)					= 517.90 m ³
					@ Rs 424.21/m ³ = Rs 2,19,698=
(iii) (53-22.4)					= 949.15 m ³
					@ Rs 1080.50/m ³ = Rs 10,25,556=
3. Stone screening net = 188.26 m ³					
					@ Rs 424.21/m ³ = Rs 79,862=
4. Stone chips					
(i) 40 mm					= 132.24 m ³
					@ Rs 975/m ³ = Rs 1,28,934=
(ii) 20 mm					= 82.61 m ³
					@ Rs 1186.44/m ³ = Rs 99,161=
(iii) 10 mm					= 33.705 m ³
					@ Rs 1580.44/m ³ = Rs 53,456=
5. Coarse Sand = 901.62 m ³					
					@ Rs 494.44/m ³ = Rs 44,540=
					T = 35,40,935= (b)
Total (a) + (b) = 39,53,835=					
Limited Amount (As per Agreement) = 39,24,770=					
S. f. @ 10%					= Rs 3,92,477=
G. T.					= Rs 3,88,24,744=
Less, 0.09% below (As per Agreement) = (-) 34,942=					
Total value of w/dow = Rs 3,87,89,802=					

work has been completed as per specifications and direction of Engineer.

30/05/2024
g-e.