Agency- Pramod Kumar

Deo Baijganj Rd. to Nimdih - M.M.G.S.Y

Schedule XLV—Form No. 1[illegible]

[illegible]

BIHAR P.W.D.

E.E. R.W.D. Wing Aurangabad. DIVISION

A.E. Deo. SUB-DIVISION

MEASUREMENT BOOK. NO- 3015

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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 comme-
ment of the measurements relating to each wo

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1st ON A/C BILL					
Name of Work – Construction of Road from Deo-Baliganj Path to Nimdih (under head MMGSY)					
Agency :- Pramod Kumar					
Agreement NO :-					
Date of Work Start :- 04-09-20					
Date of Completion :- 03-09-21					
(1) Setting out					
(a) Bench marks –					2.0 NO
(b) Refrence Pillars					4 NO
(2) Cleaning & grubbing road land --- etc ---					
2 X 19 X 30.00 M X 3.50 M					= 3990.00 M^2
2 X 20 X 30 M X 3.50 M					= 4200.00 M^2
2 X 5 M X 3.50 M					= 35.00 M^2
					8225.00 M^2
					= 0.82 Hectare
(3) Providing & fixing of Informatory sign board					– 4 NO

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L	B	D	Contents of area
(4) Dismantling of existing structure - - etc - - -					
a. Plain cement Concrete					
4X1X3.5 M X 1.14 M X 0.15 M = 2.40 M³					
b. Brick Masonry					
4X2X4.20 M X 0.825 M X 2.50 M = 69.30 M³					
(c) Hume pipe upto 600 mm dia					
4X1X7.50 M				=	30.00 M
(4) Construction of Embankment					
Chainage	Area Fill M²				Volume Fill M³
①	2.406				
50	4.027				160.830
100	5.998				240.63
150	5.349				273.660
200	7.549				332.460
250	7.547				377.420
300	6.744				357.960
350	7.636				359.500
400	6.731				359.170
450	7.236				349.170
500	6.997				358.670
550	6.746				343.590
600	7.419				352.100
650	7.176				364.850
700	7.014				354.740
750	6.122				326.400
800	4.497				265.490
850	5.429				248.160

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L	B	D	Contents of area
900	4.	903			256.310
950	5.	925			270.770
1000	5.	713			290.940
1050	4.	261			246.640
1100	4.	055			205.390
1150	5.	939			246.630
1175	5.	307			141.570
				"A"	~~5167.130M2~~ 7064.69
a. ~~F00~~ 100 M Lead Allowed					
55 % of "A"				=	$3896.69 M^3$
b. For 1000 M Lead Allowed					
20 % of "A"				=	$1416.99 M^3$
(5) Box cutting - - etc - - -					
2X26X30 MX 0.525MX 0.100M				=	$81.90 M^3$
2X20.00M X 0.525 MX 0.100M				=	$2.10 M^3$
2X12X30 MX 0.375MX 0.100M				=	$27.00 M^3$
2X15.00M X 0.375M X 0.100M				=	1.13
				(A)	$112.13 M^3$
(6) Construction of Embankment					
60% of "A"				=	$67.28 M^3$
(7) Construction of Sub grade & Earthen shoulder. . etc.					

Continuation

Sch. XLV Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
2X26X20X1.182X0.025 =					139.294 M^3
2X20.00X1.182X0.025 =					3.546
2X26X1.255X0.20X30 =					423.056
2X20X1.355X0.200 =					11.104
2X12X30X0.375X0.160 =					43.200
2X15X0.375X0.160 =					1.90
2X12X30X0.375X0.025 =					20.25
2X15X0.375X0.075 =					0.84
2X12X30X0.375X0.100					27.00
2X15X0.375X0.100 =					1.13
					680.22 M^3
'A' Quantity					680.16 M^3
a. For 1000 M level					
30% of "A"					204.05 M^3
b. For 100 M level					
70% of "A" =					476.11 M^3
(C) Construction of granular sub base -					
5X5.00MX3.00MX0.100M =					7.50 M^3
4X10.00MX2.60MX0.100M =					10.40
3X15.00MX2.50MX0.100M =					11.25
6X20.00X2.00MX.100M =					24.00
B.T Portion					
2X26X30X0.525X0.100 =					81.90
2X20X0.525X0.100 =					2.10
1X26X30X4.050MX0.100M =					315.90
1X20X4.050X0.100 =					8.10
2X12X30X0.375X0.100 =					27.00
2X15X0.375X0.100 =					1.13
6X15.63X0.900X0.100 =					8.44 M^3

Continuation 497.72 M^3

Sch. XLV-Form No. 134 5

Particulars	Details of actual measurement No.	L	B	D	Contents of area
(9) Providing spreading & compacting W.B.M. gr-III					
39 X 30 X 3.28 X 0.078					= 329.0626
1 X 2 X 3.78 X 0.078					= 1.4062
6 X 16.32 X 0.90 X 0.078					= 6.6096
					337.0784
				or,	337.08 M^3

Sd/- 26/7/22 J.E DEO

Amardeep Suman 28/7/22 A.E, DEO

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Particulars	Details of actual measurement No.	L	B	D	Contents of area
ABSTRACT OF COST					
(1) Setting out					
Qty vide T.M.B P/-1					
a. Benchmark					
2 NO @ Rs 4066.02/NO. Rs					8132.00
b. Reference Pillars					
4 NO @ Rs 1850.09/NO. Rs					7404=00
(2) Clearing Grubbing Road Land . . . etc. . .					
Qty vide T.M.B P/-1					
0.62 Hectare					
@ Rs 51133.2/Hect. Rs					41930=00
(3) Providing Fixing Informative Sign Board .					
4 NO					
@ Rs 9339.96/NO - - Rs					37360=00
(4) Dismantling of Existing Structure . .					
Qty vide T.M.B P/-2					
a. Plain Cement Concrete					
2.40 M³					
@ Rs 4984.74/M³ - - Rs					1163.00
b. Brick masonry					
69.30 M³ @ Rs 231.77/M³ Rs					16062.00
(5) Hume Pipe 600 mm dia					
30 Mtr Rs 174.99/M. - Rs					5243=00
Continuation					Rs 117294=00

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Particulars	Details of actual measurement No.	L	B	D	Contents of area
		B/F Rs			117291=00
(5) Construction of Embankment etc: Qty vide T.M. BP-2					
a. For 100 M Lead Qty vide T.M. BP-3 3896.69 M³ @Rs 131.03/M³ - - - Rs					510583=00
(b) For 1000 M Lead 1416.99 M³ @Rs 174.94/M³ - - - Rs					247888=00
(6) Construction of Embankment (Box cutting) 112.13 M³ @Rs 74.16/M³ - - Rs					8316=00
(7) Construction of Embank 67.29 M³ @Rs 26.11/M³ - Rs					1757=00
(8) Construction of Sub grade & earthen shoulder Qty vide T.M. BP-4					
a. For 1000 M Lead 204.05 M³ @Rs 176.58/M³ - Rs					36031=00
(b) For 100 M Lead 476.11 M³ @Rs 141.17/M³ - - - Rs					67212=00

Continuation Rs 989081=00

Sch. XLV-Form No. 134 8

Particulars	No.	L	B	D	Contents of area
		B/F Rs			939083/-00
(9) Construction of Granular subbase (G.S.B).			-	-	-
Qty vide T.M.B Pl - 4 497.72 M3					
@ Rs 2799.75/M3				Rs	1393492=00
(10) Providing spreading & Compacting WBM 95-III					
Qty vide T.M.B Pl - 5 ~~139.~~ 337.08 M3					
@ Rs 3834.63/M3				Rs	1292577=00
				(A) Rs	3675150=00
Add Labour Cess 1% (+)				Rs	36752=00
G.S.T 12% on (A) +				Rs	441018=00
				Rs	4152920=00
Less 10% bellow (–)				Rs	415292=00
Net Payable Amt				Rs	3737628=00

P.Nath
28/7/22
J.E Deo

Amardeep Suman
28/7/22
A.E, Deo

C & P
[illegible]
16/8/22

Continuation