(AWESH) NDB

NH-30 Se Bhatauli Path To Balaji Ka Dera

Schedule XLV-Form No. 134

Jagdishpur _____ DIVISION

Jagdishpur _____ SUB-DIVISION

MB No — 953

MEASUREMENT BOOK

Sri Maruti Nandan

1st on A/c Bill

1.

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 — Construction of road from NH30 to Bhaktali Path To Balaji Ka Dera under NDB.					
N/Agency — Sri Manik Mondal, Arc.					
Agreement NO — 13/MHUSY Awsesh/SBD/2023-24					
Agreement value — 1,71,57,881=00					
Date of Stat — 27/01/2024					
Date of Completion — 26/01/2025					
Date of Entry —					
1) Providing and fixing of covering benchmark — do — do — all Complete TOS.					
			Qty — 1.65 KM		
2) Cleaning and grubbing of road land — do — do — all Complete TOS.					
	2 X	10 X 30.0m	X 1.25m. =		750.0m²
	2 X	5 X 30.0m	X 1.25m =		375.0m²
	2 X	11 X 30.0m	X 1.25m =		825.0m²
	2 X	9 X 30.0m	X 1.25m =		675.0m²
	2 X	8 X 30.0m	X 1.25m =		600.0m²
	2 X	1 X 10.0m	X 1.25m =		25.0m²
Continuation				Qty = 3250m² = 0.325 Hect	

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	

H.P. culvert - pipe - renewed

1.> E/W in excavation for found for structure — do — do —

all complete job.

H.W. — 3 Nos × 2 × 6.45 m × 1.40 m × 1.50 m = 81.270 m³

Below pipe — 3 Nos × 1 × 4.55 m × 1.55 × 0.385 = 8.125 m³

Qty = 89.395 m³

2.> Providing M.S. grade as levelling course in found

— do — do — all complete job

H.W. — 3 Nos × 2 × 6.45 m × 1.40 × 0.15 = 8.127 m³

Below pipe — 3 Nos × 1 × 4.831 × 1.55 × 0.25 = 5.655 m³

Qty = 13.782 m³

3.> Plain/reinforced cement in sub-structure — do — do — all complete job.

H.W. — 3 Nos × 2 × 6.15 m × $\frac{1.25 + 0.4}{2}$ × 2.60 = 78.54 m³

Parapet — 3 Nos × 2 × 6.15 m × 0.40 × 1.20 = 17.712 m³

Less pipe — 3 Nos × 2 × 0.7857 × 1.23² × 0.622 = (-) 4.43

Qty = 91.82 m³

4.> Providing and laying RCC pipe NP3 conforming — do — do — all complete job.

3 Nos × 3 × 2.5 m = 22.5 m

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	Record Entry				
	dated				
	F/W Calculation Sheet.				
SNO – CH	C/S Area (M^2)	– Mean Cl Area (M^2)	– Dist (M)	– volume (M^3)	
				– 0.00	– 0.000
01 – 0				– 50	
02 – 50				– 50	
03 – 100				– 50	
04 – 150				– 50	
05 – 200				– 50	
06 – 250				– 50	
07 – 300				– 50	
08 – 350				– 50	
09 – 400				– 50	
10 – 450				– 50	
11 – 500				– 50	
12 – 550				– 50	
13 – 600				– 50	
14 – 650				– 50	
15 – 700				– 50	
16 – 750				– 50	
17 – 800				– 50	
18 – 850				– 50	
19 – 900				– 50	
20 – 950				– 50	
21 – 1000				– 50	
22 – 1050					

Continuation 94=

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Particulars	Details of actual measure No.	L.	B.	D.	Contents of area
			BTF Qty =		
S.No. — CH —	C/s Area —		Mean C/s Area —	Diff. — Volume	
	(M^2) —		(M^2) —	(M) —	(M^3)
23 — 1100 —				— 50 —	
24 — 1150 —				— 50 —	
25 — 1200 —				— 50 —	
26 — 1250 —				— 50 —	
27 — 1300 —				— 50 —	
28 — 1350 —				— 50 —	
29 — 1400 —				— 50 —	
30 — 1450 —				— 50 —	
31 — 1500 —				— 50 —	
32 — 1550 —				— 50 —	
33 — 1600 —				— 50 —	
34 — 1650 —				— 50 —	
				Qty = 592.58 M^3 — (A)	

By

1.) Construction of embankment with material obtained from borrow pits (Lead up to 1000m)

— do — do — all Complete.

20% of Qty (A) — 118.51 M^3

2.) Construction of embankment (Lead up to 1000m) — all Complete Qty.

Continuation

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Particulars	Details of actual measure No.	L.	B.	D.	Contents of area
	80% of Qty of (A)				474.04 m³
3) Construction of Sub-grade & Earthen Shoulder — do — do — all Complete					
	4 × 30.0m × (8.3+7.10)/2			× 0.15m	= 138.60m³
	5 × 30.0m × (8.3+7.10)/2			× 0.15	= 173.25m³
	2 × 30.0m × (8.3+7.10)/2			× 0.15	= 69.30m³
	2 × 30.0m × (8.3+7.10)/2			× 0.15	= 69.30m³
	1 × 10.0m × (8.3+7.10)/2			× 0.15	= 11.55m³
				Qty =	462.0m³
	Record Entry closed —				
1) Construction of granular Sub-base (GSB) — do — do — all Complete Job. GSB in RT Rehen —					
	6 × 30.0m	× 4.05m		× 0.20	= 145.80m³
	5 × 30.0m	× 4.05m		× 0.20	= 121.50m³
	11 × 30.0m	× 4.05		× 0.20m	= 267.30m³
	9 × 30.0m	× 4.05m		× 0.20	= 218.70m³
	2 × 30.0m	× 4.05		× 0.20m	= 48.60m³
	10 × 30.0m	× 4.05m		× 0.20	= 243.0m³
				Qty =	1044.90m³ (A)

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Particulars	Details of actual measure No.	L.	B.	D.	Contents of area
	GSB in Co patkin —				
	4 x 30.0m x 3.75m x 0.10m				45.0m³
	3 x 30.0m x 3.75m x 0.10m				33.75m³
				Qty =	78.75m³ — (B)
	Total Qty (A+B) =				1123.65 m
2.)	Providing and Laying of reinforced cement Concrete duct Pipe 300mm dia. (non Threaded)				
	—do— do— all Complete				
	Jos.				
	3 x 2 x 2.50m — 15M				
	3 x 2 x 2.50 m — 15M				
	2 x 2 x 2.0m — 10M				
	Total — 40m.				
3.)	Providing and fixing of typical mmdsy information Sign board				
	—do— do— all Complete				
	Jos.				
	Qty — 2 Nos.				

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Particulars	Details of actual measure No.	L.	B.	D.	Contents of area
	Record Entry about —				
1.) Providing, Laying, Spreading and Compacting wet GSB — do — do — all Complete Job. In BT Patch —					
	10	30.0m	3.75m	0.075	= 84.375m³
	9	30.0m	3.75m	0.075m	= 75.937m³
	6	30.0m	3.75m	0.075m	= 50.625m³
	7	30.0m	3.75m	0.075m	= 59.062m³
	11	30.0m	3.75m	0.075m	= 92.812m³
				Qty =	362.818m³

In CC Patch — (A)

	4	30.0m	3.75m	0.075m	= 33.75m³
	3	30.0m	3.75m	0.075m	= 25.31m³
	Total Qty (A+B)			Qty =	59.06m³ 421.878m³

2.) Construction of Sub grade & earthen shoulder — do — do — all Complete Job.

Adj of GSB & WMM — 2

	10	30.0m	1.125m	0.275	= 185.625m³
	2×5	30.0m	1.125m	0.275m	= 92.812m³
	2×4	30.0m	1.125m	0.275m	= 74.25m³
	2×6	30.0m	1.125m	0.275m	= 111.375m³
	2×9	30.0m	1.125m	0.275m	= 167.06m³
	2×3	30.0m	1.125m	0.275	= 55.687m³
	2×6	30.0m	1.125m	0.275m	= 111.375m³

Continuation Qty - 798.187m³

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Particulars	Details of actual measure No.	L.	B.	D.	Contents of area
			B/F Qty —		798.187 M³ (A)
In per Pabas —					
Adj of WSB and WBM Gill —					
2 × 4 × 30.0m × 0.625 × 0.175M = 26.25M³					
2 × 3 × 30.0m × 0.625m × 0.175m = 19.687M³					
				Qty =	45.937 M³ (B)
	Total Qty (A+B) —				844.124 M³

Continuation

1st on A/C Bill——

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Particulars	Details of actual measure No.	L.	B.	D.	Contents of area
ABSTRACT OF COST					
1/1.) Providing and fixing cap waring Benchmark Pillar —do—do— all Complete Job:					
Qty – 1.65 Km vide tms page (1)					
@ Rs – 11252 Rs/Km — Rs — 18566=00					
2/2.) Clearing and grubbing of road Land —do—do— all Complete Job:					
Qty – 3250.0 Heet / 1000 vide TMS P— (1)					
@ Rs – 7557.3 Rs/Heet — Rs — 24561=00					
3/3.) Construction of embankment with material obtained from borrow pits (lead up to 1000m) —do—do— all Complete Jobs.					
Qty – 118.5 m^3 vide TMS Page (4)					
@ Rs – 260.88/m^3 — Rs — 30917=00					
4/4.) Construction of embankment with material obtained from borrow pits (Lead up to 1000m) —do—do— all Complete Job					
Qty – 474.6 m^3 vide TMS Page (5)					
@ Rs – 188.10/m^3 — Rs — 89,171=00					
Continuation Rs — 163215=00					

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Particulars	Details of actual measure No.	L.	B.	D.	Contents of area
			B/F Rs.		1,63,315=00
5/5.) Construction of sub-grade & carton shoulder — do — do — all Complete Job. Qty — 462.0 m³ vide TMB Page (5)					
Qty — 844.84 m³ vide TMB Page (8)					
Qty — 1306.124 m³ @ Rs. 264.47/m³ — Rs.					3,45,365=00
6/6.) Construction of granular Sub base (GSB) — do — do — all Complete Job (BT Paved) —					
Qty — 1044.90 m³ vide TMB Page (5)					
@ Rs. 337.67/m³ — Rs.					35,50,225=00
7/7) ~~Providing, Laying, Spreading~~ and Compacting to 8m 43 — do — all Complete Job					
Qty — 362.818 m³ vide TMB Page (7)					
@ Rs. 5339.47/m³ — Rs.					19,37,256=00
8/8) Construction of granular Sub-base (GSB) — do — do — all Complete Job					
Qty — 78.75 m³ vide TMB Page (6)					
@ Rs. 3397.67/m³ — Rs.					2,67,567=00
9/13) ~~Providing, Laying, Spreading~~ and Compacting to 8m 43 — do — do — all Complete Job					
Qty — 59.06 m³ vide TMB Page (7)					
@ Rs. 5339.47/m³ — Rs.					3,15,349=00
Continuation Rs.					65,78,977=00

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Particulars	Details of actual measure No.	L.	B.	D.	Contents of area
			B/F	Rs —	6,5,78,27/-
10/16) Cable that demo/the					
road [illegible] dia [illegible]					
[illegible] all Comp[illegible]					
Qty - 40 m vide TMB Page (6)					
	@Rs - 1191.12/m			Rs —	47645=00
11/25) Providing and fixing					
of typical [illegible] in [illegible]					
[illegible] [illegible] level [illegible]					
do all Complete Job					
Qty - 2 nos vide TMB Page (6)					
	@Rs - 10983.65/nos			Rs —	21969=00
12/26) E[illegible] in excavation [illegible]					
[illegible] all Comp[illegible]					
Job					
Qty - 89.395 m³ vide TMB Page (2)					
	@Rs - 398.62/m³			Rs —	35,635=00
13/27) providing M15 grade as					
levelling Course in found					
do - do - all Compn					
Job					
Qty - 13.785 m³ vide TMB Page (2)					
	@Rs - 6757.72/m³			Rs —	93114=00
14/28) Plain/reinforced cement					
Concrete in Sub-structure					
do - do - all Complete Job					
Qty - 91.84 m³ vide TMB Page (2)					
	@Rs - 7801.71/m³			Rs —	716353=00

Continuation Rs — 74,93,691=00

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Particulars	Details of actual measure No.	L.	B.	D.	Contents of area
			B/F Rs		7493691=00
15/22) Providing and Laying RCC Pipe NP3 for Culvert - 600mm dia -do- -do- -all Complete Job					
Qty - 22.50 RM wide TMT BP-2					
@Rs - 7432.77/m Rs					167237=00
			Total Rs		7660928=00
i) Add GST @ 18%			on Rs		1378967=00
ii) Add Licence @ 1%			on Rs		76609=00
iii) Add Service			on Rs		130667=00
Less 2.5% below per Agreement			Total Rs		9247171=00
					92,45,322=00

Pathan 09/3/24 JE

Pathan 09/3/24

Continuation

(Awesh) NDB

NH-30 Se Bhatauli Path To Bulaji Ka Dera

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Sri Maruti Nandan

Jagdishpur _____ DIVISION

Jagdishpur _____ SUB-DIVISION

MB No — 253

MEASUREMENT BOOK