MMGSY (Awsesh) NDB

Pckge No:- MMGSY (Awsesh) NDB BRPP2-423 Tekari

Schedule XLV-Form No. 134

Aslempur Bridge Path to Aslampur tola Lakhanpur

E.E. R.W.D TIKARI DIVISION

Agency:- Trikutawasini Infratech Pvt. Ltd.

A.E. R.W.D SUB-DIVISION Konch

KONCH 1089

MEASUREMENT BOOK

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 No.	L.	B.	D.	Contents of area

Name of work :- Const. of Road from Assoman Bridge Point to Assoman Pur 1019 Lakhampur

(1) Agency :- Trikuta Marine Enterprise Pvt. Ltd.

Agreement No. :- 3/SBD/(MMGSY) Awarded NDB/2024-25

Date of start :- 18/6/24

Date of completion 17/6/25

Date of measurement :- 23/06/24

Measurement :-

1) Setting out pillars P.V. and fixing of working Benchmark pillars

1,00 No.

2) Reference pillars

2.00 No.

(3) Clearing and grubbing road land including uprooting wild vegetation etc. ...

2 x 500.00 x 0.75 = 750.00

10000 | 0.075 Hct

0.075 Hct.

Continution

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) Cons. of 600 mm dia H/P. culvert					
(4.) E/work in excavation for structure as per drawing.					
H/W/ 2×2×	3.90	×1.150	×1.50=		26.91 m^3
Below pipe					
2×5.35	×1.130	×0.365=			4.41 "
					31.32 m^3
(5) Plv. PCC m-15 as levelling course in foundation etc – 006.					
H/w. 2×2	×3.90	×1.15	×0.15=		2.69 m^3
Below pipe					
~~2×5×3.11×~~					
2×5.31	1×1.130	×0.250 =			3.00 "
Less for pipe					
~~2×2×0.7857×0.832^2×5.849~~					
2×0.250×0.7857×0.83^2×5.849=					1.58 m^3
					4.11 m^3
(6) Plv. and laying R.C.C. pipe NP3 for culverts on first class bedding etc – 006.					
2×3×2.50=15.00 m.					
(7) Plv. PCC m-15 in open foundation etc – 006.					
H/w. 2×2	×3.60	×0.70	×2.780=		28.02 m^3
parapet					
2×2×3	.60×	0.40×	0.60=		3.45 "
Less for pipe					31.47 m^3
2×2×0.7857×0.83^2×0.530=					1.15 "
					30.32 m^3

Continution

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(2) R.C. [illegible]					
[illegible]					
(i) [illegible]					
(ii) [illegible]					
(3) [illegible]					
[illegible]					
[illegible]					
[illegible]					
[illegible]					
[illegible]					
0.00	2.32	—	—		—
[illegible]	2.46	2.39	×50 =		119.50 m³
100	2.42	2.44	×50 =		122.00 m³
150	2.56	2.49	×50 =		124.50 m³
200	2.24	2.40	×50 =		120.00 m³
250	2.36	2.30	×50 =		115.00 m³
300	2.48	2.42	×50 =		121.00 m³
350	2.42	2.45	×50 =		122.50 m³
400	2.28	2.35	×50 =		117.50 m³
450	2.36	2.32	×50 =		116.00 m³
500	2.32	2.34	×50 =		117.00 m³
					1194.50 m³
(i) [illegible]					836.15 m²
(ii) [illegible]					358.35 m²

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) Constn. of subgrade & earthen shoulder as ... 506.					
	4 × 30.00	× 7.10	× 0.30	=	255.60 m³
	6 × 30.00	× 7.10	× 0.30	=	383.40 "
	6 × 30.00	× 7.10	× 0.30	=	383.40 "
	1 × 20.00	× 7.10	× 0.30	=	42.60 "
					1065.00 m³
(i) 70% qty. from 100m lead					745.50 m³
(ii) 30% qty. from 1000m lead					319.50 "
(11) Constn. of G.S.B. by providing well graded material as ... 506. Grading - I					
	1 × 16.00	× (5.65 + 4.05)/2	× 0.20	=	15.52 m³
	8 × 30.00	× 4.05	× 0.20	=	97.20 "
	6 × 30.00	× 4.05	× 0.20	=	145.80 "
	5 × 30.00	× 4.05	× 0.20	=	121.50 "
	1 × 30.00	× (4.05 + 4.40)/2	× 0.20	=	25.35 "
	1 × 4.00	× 4.05	× 0.20	=	3.24 "
					408.61 m³
(12) W.B.M. Grading - 3 materials Dly. laying spreading and compacting stone aggregates curve					
	1 × 16.00	× (5.35 + 3.75)/2	× 0.075	=	5.46 m³
	4 × 30.00	× 3.75	× 0.075	=	33.75 "
	6 × 30.00	× 3.75	× 0.075	=	50.625 "
	5 × 30.00	× 3.75	× 0.075	=	42.187 "
	1 × 30.00	× (3.75 + 4.15)/2	× 0.075	=	8.887 "
					140.909 m³

Continution

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Particulars	No.	L.	B.	D.	Contents of area
			B.F.	9+4.1	10.909 m³
1×4.00×3.75×0.075 =					1.125 "
				14	2.03 m³
[signature] 23/06/24	J.E./Korah		Rahul Rituraj	23/06/24	
Rahul Rituraj	11/07/24				

Materials statement

1) Earthwork		225	9.50 m³		
2) stone aggregates			542.64 m³		
3) coarse sand			16.53 m³		
4) local sand			147.09 m³		
5) stone screening			41.19 m³		
[signature]	23/06/24		Rahul Rituraj 23/06/24		
	J.E./Korah		A2		

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	1st (on A/c. Bill				
	Abstract of cost				
(1) P/r. & fixing of working Benchmark					
qty. vide P-1. item (1)					
1 No @ Rs. 4334=02				Rs.	4334.00
(2) Reference pillars vide P-1 item (2)					
2 No @ Rs. 1998=98 each				Rs.	3998=00
3) clearing and grubbing road land etc.... job.					
vide P-1 item (3)					
0.075 Hq @ Rs 76947=02/Hq				Rs.	5771=00
4) E.work ex cavation for sewer lines as per drawing					
vide P-2 item (4)					
31.32 m³ @ Rs. 405=80/m³				Rs.	12710=00
(5) P/m. & CCM-15 as levelling course etc - job.					
qty. vide P-2 item (5)					
4.11 m³ @ Rs. 5826=63/m³				Rs.	23946=00
6) P/m. and Laying RCC NP3 H/pipe culvert etc - job.					
vide P- 2 item (6)					
15.00 m @ Rs. 3175=98/m³				Rs.	47640=00
(7) P/m. & CC M-15 in open foundation etc - job.					
vide P. 2 item (7)					
30.32 m³ @ Rs 6249=74/m³				Rs	189492=00
					Rs. 287891=00

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
B.F. Rs. 287891-00					
(8) F.I.X. D fixing of typical MMGSY informatory signboard etc. — job.					
vide P-3 item (8)					
3 Nos @ Rs. 11317=07 each Rs.					33951=00
(9) Const. of embankment with approved materials etc. — job.					
vide P-3 item (9)					
(i) 836.15 M³ @ Rs. 185=97/M³					155499=00
(ii) 358.35 M³ @ Rs. 258=72/M³					92712=00
(10) Const. of subgrade & earthen shoulder with approved material etc. — job.					
vide P-3 item (10)					
(i) 745.50 M³ @ Rs. 226=16/M³ Rs.					168602=00
(ii) 319.50 M³ @ Rs. 313=12/M³ Rs.					100042=00
(11) Const. of G.S.B. by providing well graded materials etc. — job.					
vide P-4 item (11)					
408.61 M³ @ Rs. 2063=26/M³ Rs.					843069=00
(12) W.B.M. Grading-3 materials etc. — job.					
vide P-4 item (12)					
142.03 M³ @ Rs. 3570=47/M³ Rs.					507114=00
				Rs.	2188880=00
Add 18% G.S.T.				Rs.	393998=00
Add 1% Labour cess Rs.					21888=00
Continution				Rs.	2604766-00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/F Rs.	2'6[?]4766=00	
Added Segregation Fee			Rs.	48821=00	
			Rs.	2642981-00	
			Rs.	2653587=00	
Loss 1.51% below (-) Rs.				40069=00	
			Rs.	2613518=00	

22/06/24
JE/Acmed

Rahul Rituraj
23/06/24
AE

11/09/24
JE

Rahul Rituraj
11/09/24
AE

11/9/24

Continution