

MMGSY(Awsegh) NDB

Schedule XLV-Form No. 134

फेलगेन! - MMGSY(Awsegh) NDB BRRP2-439 Tekan-

E. E. R. W. D. TIKARI

DIVISION

Gay9 Konch Path to Kauriy9 Bigh9 Sukhdev Hayer

A. E. R. W. D.

SUB-DIVISION

Agency! - Tri Kurl9 wasini mbratech Pvt. Ltd. Konch

KONCH 1090

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				Contents of area
	No.	L.	B.	D.	
Name of work: - construction of Road from Goyakomch Path to Kuzing Bepha					
Sukhdev Nagar Block					
Kernch, Gang					
Name of Agency: - To Kuzing Wasing					
Embader Pvt. Ltd.					
Agreement No: - 3/330/MBHSY/					
NDB (AWASHK).					
2024-25					
Date of work: - 18/6/24					

Date of completion: - 17/6/25				
Date of measurement: -				
28/06/24				
measurement				
(1) Setting out pillars				
Dividing of working				
Benchmark				
1 no.				
(2) Reference pillars				
1 no.				
(3) clearing and grubbing road				
Land etc - 505.				
$2 \times 305.00 \times 0.75 = 457.50$ or 045 Hect.				
10000				
(4) P.V. Lining of surface				
masonry information sign				
beams etc, 100				

Continuation

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Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
(1) Finding of top of pipe & soil				1 no.
(2) citizen information				
Board				2 no.
				3 no.
Cost of 1400 pipe & labor				
600 mm dia				
(5) E work excavation for				
structure as per drawing				
H/W. $2 \times 3.90 \times 1.15 \times 1.50 =$				13.45 m ³
Below pipe				
$1 \times 5.350 \times 1.13 \times 0.365 =$				2.20 "
				15.65 m ³
(6) P.V. PCC m-15 as per drawing				
Course foundation etc				
-- Job.				
H/W. $2 \times 3.90 \times 1.15 \times 0.15 =$				1.345 m ³
Below pipe				
$1 \times 5.311 \times 1.130 \times 0.250 =$				1.50 "
				2.84 m ³
Loss for pipe				
$0.250 \times 0.7857 \times 0.832 \times 5.849 =$				0.79 "
				2.05 m ³
(7) P.V. and finding of pipe				
H/Pipe curve				
$3 \times 2.50 =$				7.50 m
(8) P.V. PCC m-15 in open				
foundation etc - Job.				
$2 \times 3.60 \times 0.70 \times 2.78 =$				14.01 m ³
for pipe				
$2 \times 3.60 \times 0.40 \times 0.60 =$				1.73 "
Loss for pipe				
$2 \times 0.7857 \times 0.832 \times 0.530 =$				0.57 "
				15.17 m ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) Const. of embankment with approved material etc. - 250.					
challenge 4.5 m x 12.0 m length varying					
0.50	0.98	—	—	—	—
50	1.04	1.01	4.50	—	50.50 m ³
100	0.88	0.96	4.50	—	48.00 "
150	0.92	0.90	4.50	—	45.00 "
200	1.06	0.99	4.50	—	49.50 "
250	1.08	1.07	4.50	—	53.50 "
305	0.96	1.02	4.55	—	56.10 "
					302.60 m ³
1) qty. 1000 m ³ load					183.20 m ³
1) 924 for 100 m load					119.40 m ³

10) Const. of subgrade & earthwork					
shovelor with approved material etc. - 250.					
2 x 30.00 x 6.50 x 0.30					117.00 m ³
3 x 30.00 x 6.50 x 0.30					175.50 "
1 x 5.00 x 6.50 x 0.30					9.75 "
					302.25 m ³
1) 1) 257.924 from 100 m load					211.57 m ³
1) 257.924 from 100 m load					90.68 m ³
11) Const. of C/S by providing					
with gravel material etc. - 400.					
1 x 15.00 x 4.05 x 0.20					13.35 m ³
2					
4 x 30.00 x 4.05 x 0.20					97.20 "
1 x 20.00 x 4.05 x 0.20					16.20 "
					126.75 m ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12) W.B.M. Lining 3 materials 8 m. L.A.V. lining shading and compensating stone 22.22 m ² etc - 100.					
1 x 15.00 x 3.75 + 4.55 x 0.075 =					4.68 m ³
2					
4 x 30.00 x 3.75 x 0.075 =					33.75 "
1 x 20.00 x 3.75 x 0.075 =					5.62 "
					44.03 m ³
(13) Const. of G.S.B. by providing well graded material etc - 100.					
1 x 12.00 x 3.75 + 4.55 x 0.100 =					4.98 m ³
2					
4 x 30.00 x 3.75 x 0.100 =					45.00 "
1 x 18.00 x 3.75 x 0.100 =					6.75 "
					56.73 m ³
(14) W.B.M. Lining 3 materials etc - 100.					
1 x 12.00 x 3.75 + 4.55 x 0.075 =					3.74 m ³
2					
4 x 30.00 x 3.75 x 0.075 =					33.75 "
1 x 18.00 x 3.75 x 0.075 =					5.06 "
					42.55 m ³
(15) Cement concrete Pavement const. of un-reinforced plain cement concrete pavement					
1 x 12.00 x 3.75 + 4.55 x 0.160 =					7.97 m ³
2					
4 x 30.00 x 3.75 x 0.160 =					72.00 "
1 x 18.00 x 3.75 x 0.160 =					10.80 "
					90.77 m ³
28/6/24					
Continuation					
28/6/24					

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Particulars	Details of actual measurement				
	No.	L.	B.	D.	
material statement					
1) E.L work					604.85 m ²
2) Stone approach					272.67 m ²
3) Coarse sand					48.97 m ³
4) Local sand					69.72 m ³
5) Stone screening					35.10 m ³
6) Stone chips					81.70 m ³
Rahul Rituraj 28/06/24 9/12/2024 no					
o/s Rahul Rituraj 12/09/24 11/09/24 J.E					

Continuation



Schedule XLV—Form No. 134				Contents of area
Particulars	Details of actual measurement			
	No.	L.	B.	D.
1st 0m A/C Bill				
Abstract of cost				
(1) P.M. Fixing of concrete poles				
vide P-1 item (1)				
1 No @ Rs. 4311-04 each	Rs.	4311-00		
(2) concrete Reference poles				
vide P-1 item (2)				
1 No @ Rs. 1985-19 each	Rs.	1985-00		
(3) clearing and grubbing road land etc - vide				
vide P-1 item (3)				
0.0451484 @ Rs. 76947202/100	Rs.	3463-00		
(4) P.M. Fixing of metal rulers & surveying sign wood etc - vide				
vide P-1 item (4)				
3 No @ Rs. 11271-11 each	Rs.	33813-00		
(5) Excavation for structure etc - vide				
vide P-2 item (5)				
15.65 m ³ @ Rs. 405-80/m ³	Rs.	6351-00		
(6) 11 m pcc m-15 as leveling course etc - vide				
vide P-2 item (6)				
2.05 m ³ @ Rs. 5644-23/m ³	Rs.	11571-00		
(7) P.M. 9m long concrete H/R curve				
vide P-2 item (7)				
7.50 m @ Rs. 3175-98/m	Rs.	23820-00		
(8) 11 m pcc m-15 foundation				
vide P-2 item (7)				
15.17 m ³ @ Rs. 6044-54/m ³	Rs.	91695-00		
Continuation				
Rs. 177009-00				

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Particulars	Details of actual measurement				
	No.	L.	B.	D.	
					66.6. 177009-00
(8) Const. of timber masonry with approved materials etc - Job					
(i) vide P-3 item (8) (i)					
183.20 m ³ @ Rs. 258.72/m ³ Rs.					47398-00
(ii) vide P-3 item (8) (ii)					
119.40 m ³ @ Rs. 185.97/m ³ Rs.					2205-00
(9) Const. of subgrade & bottom shoulder with approved material etc - Job					
vide P-9 item (9)					
(i) 211.57 m ³ @ Rs. 226.26/m ³ Rs.					47849-00
(ii) 90.68 m ³ @ Rs. 313.22/m ³ Rs.					28394-00
(10) Const. of curb by road grade material etc - Job					
vide P-3 item (10)					
126.75 m ³ @ Rs. 1871.74/m ³ Rs.					237243-00
(12) W.B.M. grading - 3 materials					
vide P-4 item (3)					
44.03 m ³ @ Rs. 3215.02/m ³ Rs.					141557-00
(13) Const. of curb by road grade material etc - Job					
vide P-4 item (13)					
56.73 m ³ @ Rs. 1871.74/m ³ Rs.					106184-00
(14) W.B.M. grading - 3 materials etc - Job					
vide P-4 item (14)					
42.55 m ³ @ Rs. 3215.02/m ³ Rs.					136799-00
					Rs. 941638-00

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

61.6, 944638=00

(15) Comp. of unroaded road

plain cement concrete

thickness 150 mm

width 4.50 m (15)

90.77 m³ @ Rs. 6745/-/m³ Rs. 612306=00

Rs. 1556944=00

total 18% GST

Rs. 280250=00

total 17% below cost

Rs. 15569=00

total 18% GST

Rs. 35948=00

Rs. 1888711=00

cost 1.517, below 17% 28520=00

Rs. 1860191=00

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28/06/24

Rah. Rituraj

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11/09/24

12/09/24

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