

Name of Work - Construction of Road with
Maintenance Work at Package No. MMGSY-
NDB-BARP 164 - Darbhanga-1

1
Name of Work - 1. AWD Sadak Dokuli to Dekuli
Situation of Work - Mallah Tol (L = 1.105 Km.)
Agency by which work is executed - Sar Liladhar Yadav
Date of Measurement -
No. and date of agreement 46 SBD/2020-21

(These four lines should be repeated at the commencement
of the measurement relating to each work)

(MMGSY NDB BRICS)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Estimated Cost :-			Rs. 76,82,364/-		
Total :-			Rs. 7,26,83,641/-		
Agreement Value :-			Rs. 76,84,520/-		
Total			Rs. 7,26,47,302/-		
Rate :-	0.05%	Below from BOQ rate.			
Date of Start :-	24.09.2020.				
Date of Completion :-	23.09.2021.				
Date of entry :-	28.02.2022				
X	X	X	X		
① Setting out pillars.					
Ground reference					
Benchmarks.			1 No.		
② Ground reference					
Plates / Survey dots			4 Nos.		
③ Cleaning and Grabbing					
Road land - do - do.					
$35 \times 30.00 \times 3.50 = 3675.00 \text{ m}^2$					
$1 \times 29.00 \times 3.50 = 101.50 \text{ m}^2$					
			3776.50 m^2		
			Say 0.378 Hact.		
④ Excavation for road work					
In soil with Hydraulic					
Excavator - do - do -					
Flexible -					
Widthening	$2 \times 26 \times 30.00 \times 0.525 \times 0.100 = 81.900 \text{ m}^3$				
"	$2 \times 1 \times 13.60 \times 0.525 \times 0.100 = 1.428 \text{ m}^3$				
"	$NEEY \frac{2.55+1.85}{2} \times 0.100 \times 0.50 = 0.908 \text{ m}^3$				
"	$1 \times 15.00 \times \frac{1.85+2.95}{2} \times 0.100 \times 0.50 = 2.750 \text{ m}^3$				
"	$1 \times 12.70 \times \frac{2.95+4.25}{2} \times 0.100 \times 0.50 = 3.429 \text{ m}^3$				
Rigid					

Continuation

$$2 \times 8 \times 30.00 \times 0.375 \times 0.100 = 18.000$$

$$2 \times 1 \times 21.40 \times 0.375 \times 0.100 = 1.605$$

$$2 \times 1 \times 24.00 \times 0.325 \times 0.175 = 3.150$$

$$\underline{113.120 \text{ m}^3}$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
① Surveying reference					
Benchmark					
V.P. $\frac{1}{1}$	1	No.			
@ Rs. 3875=64 each		Rs. 3880.00			
② Providing reference					
pillars/Briquettes					
V.P. $\frac{1}{2}$	4	Nos.			
@ Rs. 1781=41 each		Rs. 7126=00			
③ Clearing and Gruelling					
soiled land -bed					
V.P. $\frac{1}{3}$	0.378 Hect.				
@ Rs. 52970=33/ Hect.		Rs. 178023.00			
④ Excavation for Road					
Work in Soils etc					
hydrodynamic excavator					
V.P. $\frac{1}{4}$	113.120 m ³				
Unit to 107.48 m ³					
@ Rs. 75=57/m ³		Rs. 8122=00			
⑤ Cost of rebankment					
w/t material obtained from					
granite with lift 1.5 M.					
(a) For lead up to 100 M.					
V.P. $\frac{1}{5}$	114.1238 m ³				
@ Rs. 190=07/m ³		Rs. 2,7029=00			
(b) For lead upto 100 M.					
V.P. $\frac{1}{6}$	2664.289 m ³				
@ Rs. 154=28/m ³		Rs. 4,11,047=00			

C.D. Rs 6,67,227=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.	
				As	53,63,30/-
(25.)	600 mm circle				
	V.P. 15 (2)	4 Nos.			
	@ Rs. 460/- each	Rs. 18,40/-			
(26.)	600 mm x 450 mm rectangular				
	V.P. 15 (9)	4 Nos.			
	@ Rs. 450/- each	Rs. 18,00/-			
(27.)	Boundary pillars				
	V.P. 15 (10)	12 Nos.			
	@ Rs. 516/- each	Rs. 6,20/-			
(28.)	Planting of trees				
	V.P. 15 (11)	40 Nos.			
	@ Rs. 516/- each	Rs. 20,675/-			
(29.)	Road marking				
	V.P. 15 (12)	269.74 m ²			
	@ Rs. 72/- m ²	Rs. 1,47,812/-			
			55,87,44/- Rs. 55,74,44/-		
	Add. 12% GST		6,70,493/- Rs. 6,66,929/-		
	" 1% LC		55,874/- Rs. 55,774/-		
	" 1% storage fee		Rs. 95,932/-		
			Rs. 63,95,016/-		
			Rs. 64,09,740/-		
	20/20/22 30/03/81 30/03/81		30/31/42 A		

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Sloping area F.C.</u>					
① E/W.	V.F.	16	11.91	0.935 m ²	
		(3)(b)	26.69	2.89 "	
	"	16	(3)	590.101 "	
	"	19		4396.228 m ²	
	@ Rs. 34 = 81 / m ² x 0.10 = Rs. 18,303.07				
② ACC M15	Q =	4.85 m ²			
	@ Rs. 520 = 26 / m ² x 0.10 = Rs. 262.33				
③ BW (1:4)	Q =	42.059 m ²			
	@ Rs. 2829 = 59 / m ² x 0.10 = Rs. 11,899.56				
④ Padding (1:1) Sand.	Q =	6.39 m ²			
	@ Rs. 170 = 22 / m ² x 0.10 = Rs. 108.77				
⑤ 600 mm width N.P. Wall P.p.m.					

		22.50 M.		
		@ Rs. 0.56 / m x 0.10 = Rs. 1.26		
⑥ Plaster (1:4)		42.06 m ²		
		(0.0146 x Rs 175.20) = 2.57 / m ²		
		@ Rs. 2.57 / m ² x 0.10 = Rs. 10.81		
⑦ G.S.B.		471.02 m ²		
		@ Rs. 559 = 16 / m ² x 0.10 = Rs. 26,337.55		
⑧ G.C. 3		317.00 m ²		
		@ Rs. 714.30 / m ² x 0.10 = Rs. 22,693.31		
⑨ MSS.		2934.29 m ²		
		@ Rs. 14.13 / m ² x 0.10 = Rs. 4146.15		
⑩ C.C. Pavement M30.		174.42 m ²		
		@ Rs. 602.90 / m ² x 0.10 = Rs. 10,515.78		
⑪ Back Soil 8. 142.00 m ²				
		@ Rs. 331.92 / m ² x 0.10 = Rs. 443.26		

CNP
Xtra
21st Mar

Continuation Rs. 95,932.05

Say Rs. 95,932.05

Given
30/03/2022
OS

1/50/21/21
A