

MMGSY NDB BRPP-400
Name of work: - Nit (Near Maharaja Hotel) to Rajnish puram

Measurement Book

03/SBD/23-24

Schedule XLV-Form No. 134

Amritraj Construction

DIVISION

KISLO GRIPO - 24-149211

Dhanraj
SUB-DIVISION

1314

Ar on Mc 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:-	NH (Near Maharaja Hotel to Rajnihpuram)				
		(L = 0.575 km)			
Agg. No:-	03/SB0/2023-24				
Name of Agency:-	Amritsar Consts				
Date of start -	03/07/2023				
Intended date of Completion-	02/7/2024				
Rate of agreement -	10/- ^{below} above				
Agg. value -	Consts = ₹ 56,57,812/-				

	Maintn = ₹	55,54,520
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Record measurement

① Setting out pillars

(a) Bench mark pillars

01 No

② Reference pillars

02 Nos

③ Clearing & grubbing road land

$$2 \times 575 \times 3.50 = 4025 \text{ m}^2$$

$$= 0.40 \text{ Hect.}$$

2	60	f- of	22.97		
			= 13.78 m ³		
⑥ Contn of embankment					
at all comp.					
Chainage	Area	Mean	Dist		Volume
(m)	(m ²)	Area	(m)		(m ³)
0	2.20	-	-	-	-
50	8.92	5.56	50	-	278.00
100	9.56	5.74	50	-	287.00
		8.74			437.00
150	4.04	6.30	50	-	315.00
200	1.08	2.56	50	-	128.00
250	2.40	1.74	50	-	87.00
300	1.20	1.80	50	-	90.00
					1185.00
					m ³

Continuation

Particulars	Details of actual measurement				Contents of area B/F
	No.	L.	B.	D.	
					1185.00
⑥ 1000 m land					
75 ft of 1185					888.75 m ³
⑦ 100 m land					
25 ft of 1185					296.25 m ³
⑦ Length of subgrade Shoulder					
B/F portion	2	30.00	7.50	0.30	129.60 m ³
	2	30.00	7.50	0.30	135.00 m ³
	2	30.00	7.60	0.30	136.80 m ³
	2	30.00	7.50	0.30	126.00 m ³
	1	30.00	7.30	0.30	65.70 m ³
	1	15.00	7.30	0.30	32.85 m ³
Preparation	6	30.00	6.00	0.30	324.00 m ³
					949.95 m ³
					12 349.95 m ³
⑧ Corner of 4.33 B and I					
B/F portion	4	30.00	4.05	0.20	97.20 m ³
	4	30.00	4.05	0.20	97.20 m ³
	1	30.00	4.05	0.20	24.20 m ³
	1	10.00	4.05	0.20	8.10 m ³
					226.70 m ³

Particulars	No.	L.	B.	D.	Contents of area
⑨ Conting. & B.S. on I					
Paving					
cutting	2	30.00	0.875	0.100	5.25 m ³
	2	30.00	0.875	0.100	5.25 m
	2	15.00	0.875	0.100	2.63 m
Earthwork					
portion	1	17.80	(3.75+3.6) x 0.100		6.54 m
	1	4.00	(3.60+3.15) x 0.100		1.35 m
	1	30.00	3.75	0.100	11.25 m
	2	10.00	(1.56+3.75) x 0.100		8.31 m
	1	17.50	(5.00+4.75) x 0.100		8.53 m
Approach	1	4.00	3.50	0.100	1.40 m

2	30.00	3.75	0.100	22.50 m
1	6.50	6.50	0.100	4.23 m
1	21.00	3.75	0.100	7.87 m
				85.11 m ³
				ie 85.11 m ³

~~15.11/2023~~
 AR SE
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⑩	providing laying, rolling & compacting of work				
	for 2 at TS 405.				
B & Paving	4	30.00	3.75	0.075	33.75 m ³
	4	30.00	3.75	0.075	33.75 m
	1	30.00	3.75	0.075	8.44 m
	1	10.00	3.75	0.075	2.81 m
					78.75 m ³

Continuation

Particulars	Details of actual measurement				Contents of area B/F
	No.	L.	B.	D.	
					78.75 m ³
		ie	78.75 m ³		
(11) Pl. Laying, spreading & Compacting of WBM 4r-2					
at 150 mm					
P.C.C. portion					
Widening	2	30.00	0.875	0.075	3.94 m ³
	2	30.00	0.875	0.075	3.94 m ³
	2	15.00	0.875	0.075	1.97 m ³
Earthwork	1	17.80	(3.75 + 3.60)		
				$\times 0.075$	4.91 m ³
	1	4.00	(3.60 + 3.15)		
				$\times 0.075$	1.01 m ³
	1	30.00	3.75	0.075	8.44 m ³
	2	10	(4.50 + 3.75)	$\times 0.075$	6.23 m ³
	1	17.50	(5.00 + 3.75)	$\times 0.075$	5.74 m ³
Approach	1	4.00	3.50	0.075	1.05 m ³
	2	30.00	3.75	0.075	16.88 m ³
	1	6.50	6.50	0.075	3.22 m ³
	1	21.00	3.75	0.075	5.91 m ³
					63.24 m ³
		ie	63.24 m ³		
(12) Blue in excavation in found.					
W.M.	2	6.45	1.40	1.50	27.03 m ³
Below pipe	1	4.85	1.53	0.365	2.71 m ³
					29.80 m ³

[illegible]

[illegible]

8

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Setting out pillars. 01 Bench mark pillar.					
Otg wide TMB P/I item (1)					
01 No Q/B 4434.03 / each is					4434.00
(2) Plinthe fixing ref. pillars. Otg wide TMB P/I item (2)					
02 Nos Q/B 8199.80 / each is					16400.2
(3) Clearing & grabbing road land. Otg wide TMB P/I item (3)					
0.40 haft. Q/B 72697.86 / item is					29079.2
(4) Excavation for roadway in soil Otg wide TMB P/2 item (4)					
22.97 m ³ Q/B 103.85 / m ³ is					2385.2
(5) Construction embankment with approved material deposited at site. Otg wide TMB P/2 item (5)					
13.78 m ³ Q/B 86.32 / m ³ is					1189.2

RS 53487/-

✓ 53487 ~

13) 158475122

Particulars	Details of actual measurement				Contents of area 3/F
	No.	L.	B.	D.	
					1584751 ²
(10) P.V. laying, spreading & compacting for curbs 1.4m ³					
Qty vide TMS P/5 item (10)				278.75m	
4 " " P/5 item (11) = 63.24m ³				141.99m ³	
@ 15 4401.27/m ³ ⇒ 6249362					
(11) Constn of unrendered					
14 Pcc Pavement M-30					
to IS 1501.					
Qty vide TMS P/5 item (11)					
159.82m ³ @ 7992.26/m ³ ⇒ 12773232					
(12) B.P. in excavation for					
29 foundation					
Qty vide TMS P/6 item (12)					
29.80m ³					
29.80m ³ @ 383.28/m ³ ⇒ 114222					
(13) P.V. M-15 (1:2:5:15) as					
30 landing Course					
Qty vide TMS P/6 item (13)					
4.60m ³ @ 6756.61/m ³ ⇒ 310802					
(14) P.V. M-20 (P.C.C.) in Substruc					
31 Qty vide TMS P/6 item (13)					
33.74m ³ @ 7591.50/m ³ ⇒ 2561372					

Continuation

37856492

Particulars	No.	L.	B.	D.	of area B/F
					37856492
(15) P/V Blazing Re-NP3					
32 Tonn mndig					
Qty n/r TMB P/6 item (14)					
7.50m @ 18 7054.48/m					529092
(16) P/V 300mm dia dwp pipe					
Qty n/r TMB P/6 item (16)					
80.00m @ 18 1012.19/m					809752
					39195332
U.S.T 18 1/2					70551620
Labour cost 1/2					391952
					46642442
Seigniorage Fee					
75764.00 x 33.19.533.00					569602
5213468.00					47212042
Less 10% for bel. work					4721202
					42490842
2000					
10/01/2024 A/E					
10/01/24 A/E					
10/01/24 A/E					
10/01/24 A/E					