

WH-110 Bhumra. Bôg ka Vêa. Jhanda khikant

MMAS-SC

~~Abhishek~~
Schedule XLV-Form No. 134

MMAS-SC

Executive Engineer R.O.D. DIVISION
Jehanabad

A.E. R.O.D. WORK SUB-DIVISION

Rajni fandi pur

MEASUREMENT BOOK

Abhishek Kumar Ranjan

NO-2814

40 SBD/2020-21

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
M/10000. Construction of sand form					
NH 110 to Bhuban Bisha via					
Thudathi Katti. Vardh. M. P. S.					
Agency: Sd. Abhishek Kumar Ranjan.					
At. Flat No 404 Ramsharam					
Apartment. Pofaa.					
Assent No. 40-SB/2020-21					
Date of comm: 09/01/2021					
Date of com: 08/10/2021					
<u>Measurement of work</u>					
①	Clearing and grubbing of sand land.				
	11 x	30.00 x	6.00	2	1980.00 ²
	5 x	30.00 x	6.10	2	915.00
	10 x	30.00 x	6.00	2	1800.00
	4 x	30.00 x	6.10	2	732.00
				total	5427.00
				=	0.5427
				lt.	0.54 Hect
②	Const. of bench mark and setting out.				
	1 x	No			= 1.110

Continuation

Abstract of Cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Paving and fixing of working 1 bench mark etc. all up to 15'					
Qty vide TMB on page no. ⑤					
1 No @ 3662 = 92/100 = 15					3663 = 10
② Paving and fixing of reference Pillars etc. all up to 15'					
Qty vide TMB on page no. ⑤					
4 No @ 1669 = 54/100 = 15					6678 = 10
③ Clearing and Grubbing road lap etc. all up to 15'					
Qty vide TMB on page no. ⑤					
0.54 Hectare @ 52970 = 33/100 = 15					28604 = 10
④ Excavation for roadway in soil etc. all up to 15'					
Qty vide TMB on page no. ⑤					
26.10 m ³ @ 74 = 10/100 = 15					1934 = 10
⑤ Construction of embankment with approved material etc. all up to 15'					
Qty vide TMB on page no. ⑤					
15.60 m ³ @ 56 = 15/100 = 15					876 = 10
⑥ Construction of subgrade and earthen shoulders etc. all up to 15'					
Qty vide TMB on page no. ⑤					
1780 = 20 m ³					
242 = 625 m ³					
⊕ Page no. ⑤					
⊕ Page no. ⑤					
Total =					2022 = 825 m ³

Continuation, 4, 82, 100 = 10

C.O.F. 5, 23, 855

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Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
(7/9) Construction of C.S.B for gully - 1 meter deep all up to Qty. wire mesh on face (8)			3.2 m	5,23,855
581.075 m ³ 2013 = 55/m ³ = K				11,70,024
(8/10) Paving w.b.m G-3 etc all up to Qty. wire mesh on face (8)				
255.148 m ³ 25692 65/m ³ = K				6,55,641
(9/11) Paving Paving Cont with Emulsion (S-1) etc all up to Qty. wire mesh on face (9)				
2272.50 m ² 42293/m ² = K				97558
(10/12) Paving Paving Cont with Bitumen Emulsion (R-51) etc all up to Qty. wire mesh on face (9)				
2272.50 m ² 14284/m ² = K				33724
(11/13) Paving Mix Sand surface with Bitumen (S-5) etc all up to Qty. wire mesh on face (9)				
2272.50 m ² 184281/m ² = K				4,19,981
(12/14) Construction of Un-reinforced Cement concrete Paving etc all up to Qty. wire mesh on face (10)				
181.08 m ³ 5258 = 65/m ³ = K				7,52,236
			C.O.R	38,51,019

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13/16) Provichy 1 kilometer square after all ap-205			13.5	13.5	57,019
2 Nos @ 1972-53/No 2 R					3945
(14/17) Provichy 200 m square all ap-205					
4 Nos @ 571-22/No 2 R					2285
(15/18) Provichy all fixed 600 mm equilateral and Triangle Traffic signs all ap-205					
4 Nos @ 3469-43/No 2 R					13878
(16/19) Provichy all fixed 600 mm Circular Traffic signs all ap-205					
8 Nos @ 3725-78/No 2 R					29806
(17/20) Provichy all fixed 900 mm equilateral & Triangle Traffic signs all ap-205					
4 Nos @ 5219-05/No 2 R					20876
(18/21) Road miles with H&T applied Thermoplastic Compound all ap-205					
120.0 L @ 721-95/L = A					86634
			C.O.	R	40,10,443

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(19/24) Paving Rumble strips etc. all up m (Rumble strips compact) $450 \text{ m}^2 @ 184281/\text{m}^2 =$					40,10A43 8316
(20/25) Paving Rumble strips. etc. all up m (Road marking paint) $22.50 \text{ m}^2 @ 721 = 95/\text{m}^2 =$					16244
(21/26) Direction and Place identification signs etc. all up m $2 \text{ m}^2 @ 31422 = 43/\text{m}^2 =$					6285

(22/28) Paving and fixing Coped of Paved at all up m $3 \text{ Nos} @ 9467 = 38/\text{No} =$					28402
(23/29) E/W in excavation for foundation of structure etc. all up m Qty vide TMS on Page no (6) $46.90 \text{ m}^3 @ 305 = 42/\text{m}^3 =$					14324
(24/30) Paving Acc mix etc. levelly course etc. all up m Qty vide TMS on Page (6) $8.54 \text{ m}^3 @ 437 = 91/\text{m}^3 =$					37379

Continuation

C.O. A 41, 21, 393

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
			B. F	41,21,393	
(25/31) Parity PCC 5710 14					
Substructure etc all					
cap 705					11,359
Qty vide TMS on the N. (8)					
41.61 m ³ @ 5129 = 681 m ³ = 14					2,13,446
(26/32) Parity all Layer 600 mm					
Qty H.P. Pipes etc all					
cap 205					
Qty vide TMS on the N. (6)					
22.50 m ³ @ 2014237/m ³ = 14					45323
Total = 14					43,80,162

Add 14% for Labor Cost (+) 13				43802
Add 12% for Cr.S.T. --- (+) 8				525619
Add site charge fee --- (+) 11				80,150
Total = 14				52,29,733
Less 15% as per agreement (-) 4				7,54,460
				Rs 44,75,273
AP 23/05/2023				

Continuation