

MMGSY (SC)

Chennai
Schedule XLV-Form No. 134 (6)

(C) SARON KHAB CHAKRANAGCE PMGSY ROAD

TO GANMARIYA

DIVISION

Agreement no- 66/ SDA / MMGSY / 2010-21

SUB-DIVISION

MEASUREMENT BOOK

INDRANDEO KUMAR

M.B.No- 1418

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work —	Const. of road from				
Saron Khan Chakai	1/3 CC PMHSY road				
to Gramkharia under MHSY (SC)					
Agency —	Indradeo Kumar.				
Agg. No —	66/SB2/PMHSY/2020-21				
D/ Commencement —	09.9.2020				
D/ Completion —	08.9.2021				
D/ entry —	29.12.2022				
Details measurement vide M.O. No.					
(1417) & Page No —	(4) to (11)				
<u>29/12/2022</u>					
<u>28</u>					

Abstract of Cost for 2nd. On Bk. bill

1 p/v. & finding of working

B.m. & Reference Pillars in					
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Y. B. R. - (K) 7 q. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 83

$$= 1.00 \text{ kN}$$

Cr. 33513 = 50 / km. Rg. 33514 = 00

$\frac{2}{2}$ - clearing & grubbing

of road land	ch
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ve m.b.n. - (1417) 7/Jan (2) dt

$$P.N. (4) = 0.35 \text{ Hertz}$$

Ch. 5/133 = 76/Hef-R. 17897 = 00

$$\frac{3}{3} - \text{cost of embarkment}$$

(i) - with a / end up to 10000

Y.M.B.H. (1917) + 11th (3) 5A

of P.N. (11) = Continuation 3

cf. $175 = 22/m^3$ Re. 61518 = 00

L.O. Rs. 112929-00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		13.5 R.		1129	29=00
Continuation of items (3)					
(ii) - with a level up to 100m					
V.M.B.N.	(1417)	q/dm	(3)	(3)	of
P.H.	(11)	$= 1042.19 \text{ m}^3$			
C.R.	135	$= 12/\text{m}^3$	R.	1408	14=00
4 - Common of subgrade & another shoulder cut					
V.M.B.N.	(1417)	q/dm	(1)	of P.H.	(7)
		$= 2416.75 \text{ m}^3$			
C.R.	176	$= 86/\text{m}^3$	R.	4274	26=00
5 - Common of L.R.B. grading I below road C.C.P. cut					
V.M.B.N.	(1417)	q/dm	(3)	of P.H.	(6)
		$= 695.39 \text{ m}^3$			
C.R.	2196	$= 49/\text{m}^3$	R.	15274	17=00
6 - P.V. W.B. m-3 cut					
V.M.B.N.	(1417)	q/dm	(4)	of P.H.	(5)
		$= 284.06 \text{ m}^3$			
C.R.	2868	$= 61/\text{m}^3$	R.	8149	57=00
7 - P.V. P.V. water cut					
V.M.B.N.	(1417)	q/dm	(5)	of P.H.	(5)
		$= 2657.25 \text{ m}^3$			
C.R.	43	$= 02/\text{m}^3$	R.	1140	57=00
8 - P.V. T.V. water cut					
V.M.B.N.	(1417)	q/dm	(6)	of P.H.	(6)

Continuation

$$= 2651.25 \text{ m}^3$$

$$\text{C.R. } 14 = 61/\text{m}^3 \text{ R. } 38735=00$$

$$\text{L.O. R. } 3176235=00$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			13 F.R.	3176	235=00
$\frac{9}{9}$ - P.V. m/s type B. etc					
v.m.m.d. (1417) q/ha (7) at P.H. (6)					
					= 2657.25 m ²
C.R. 213 = 19/m ² R.R.					565220=00
$\frac{10}{11}$ - comp. of C.C. Pavement					
v.m.m.d. (1417) q/ha (8) at P.H. (6)					
					= 181.80 m ³
C.R. 7317 = 55/m ³ R.R.					1330331=00
$\frac{11}{12}$ - P.V. & laying 300 m m.d.					
H.P. etc					
v.m.m.d. (1417) q/ha (10) at P.H. (6)					
					= 30 m
C.R. 1593 = 44/m R.R.					47803=00
$\frac{12}{12}$ - Laying brick soling in					
both side C.C. Pavement					
v.m.m.d. (1417) q/ha (9) at P.H. (6)					
					= 222.25 m ²
C.R. 504 = 69/m ² R.R.					112167=00
$\frac{13}{14(i)}$ - Km. stone					
v.m.m.d. (1417) q/ha (12) at P.H. (7)					
					= 2 m.
C.R. 2112 = 84 each R.R.					4226=00
$\frac{14}{14(i)}$ - 200 m stone					
v.m.m.d. (1417) q/ha (13) at P.H. (7)					
					= 4 m.
C.R. 521 = 83 each R.R.					2087=00

Continuation

C.R. R.R. 5238069=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		R.F. Rs.			5238069=00
15 15(i) - 600 mm Triangle					
r.m.m.d. (1417) dim (14) at Pt (7)					
		= 4 Nos.			
Chk 3510 = 07 each Rs.					14040=00
16 15(ii) - 600 mm Circular					
r.m.m.d. (1417) dim (15) at Pt					
Pt (8) = 3 Nos.					
Chk 4735 = 73 each Rs.					14207=00
17 15(iii) - 800 x 600 mm Rectangular					
r.m.m.d. (1417) dim (16) at Pt (8)					
		= 4 Nos.			
Chk 6636 = 96 each Rs.					26548=00
18 15(iv) - 600 x 450 mm Rectangular					
r.m.m.d. (1417) dim (17) at Pt (8)					
		= 3 Nos.			
Chk 4610 = 27 each Rs.					13831=00
19 6(ii) - Road marking over RT surface & d					
r.m.m.d. (1417) dim (18) at Pt (8)					
		= 140.00 m ²			
Chk 735 = 44/m ² Rs.					102962=00
20 16(ii) - Road marking over C.C. Pavement & d					
r.m.m.d. (1417) dim (19) at Pt (8)					
		= 60.00 m ²			

Continuation

Chk 835 = 34/m² Rs. 50120=00

Ck. Rs. 5459777=00

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Particulars	Details of actual measurement				Contents area
	No.	L.	B.	D.	
	10.1.10.	54	59	777	=00
21 - R.O.C. m/s grade bound-					
17 any pillars etc etc					
v.m.m.d. (1417) d/m (20) of					
P.A. (8) = 16 Nos.					
Ch. 410 = 75 each No.					6572=00
22 - P.W. and erecting direction					
18 and place identification					
v.m.m.d. (1417) d/m (21) of P.A. (8)					
= 4 Nos.					
@Rs 11710 = 63 each No.					46843=00
23 - P.W. and fixing masonry					
20 sign board etc					
v.m.m.d. (1417) d/m (22) of					
P.A. (8) = 5 Nos.					
Ch. 9423 = 31 each No.					47117=00
24 - Ejector excavation in					
21 found. trenches etc					
v.m.m.d. (1417) d/m (23) of P.A. (8)					
= 59.60 m ³					
Ch. 294 = 72/m ³ No.					17566=00
25 - P.W. P.C.M. in found-					
22 v.m.m.d. (1417) d/m (24) of P.A. (9)					
= 9.14 m ³					
Ch. 5253 = 49/m ³ No.					48279=00
26 - P.W. and laying R.C.C.					
24 1000mm dia H.P.C. etc					
v.m.m.d. (1417) d/m (25) of P.A. (10)					
= 15 m					
Ch. 3423 = 33/m No.					51350=00
C.O. Rs. 5677504=00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		13-F.R.		5677.504	=00
27/25 - Painting on Parapet wall and					
V. m. m. (417) d/m (2) of P.H. (10) = 41.28 m ²					
at 97 = 19/m ² R.				4012	=00
				R. 5681516	=00
Add 12% for G.S.T 41% for					
L. cell.				(H) R. 738597	=00
				R. 6420113	=00
Add for S. fee				(7) R. 81849	=00
				R. 6501962	=00
Less 18% after agreement					

(F) R. 1170353 = 00

R. 5331609 = 00

Less Previous Payment

(F) R. 2524450 = 00

R. 2807159 = 00

28/12/2022
J.E

Material statement of up to date bill

(i) - Earth - 3809.90 m³(ii) - S/agg. - 826.68 m³(iii) - S/m. gr. 25 - 343.71 m³(iv) - Sand - 345.03 m³(v) - Steel screening - 68.17 m³

(vi) - Bricks - Continuation 13721 nos.

(vii) - S.G. - 2.254 m³(viii) - R.H. - 0.724 m³

(ix) - Bitumen (5%) - 5.037 MT

28/12/2022
J.E