

MISSY

Dusdha Saharssa Path
to Lodipur Via Anant

Schedule XLV-Form No.-134 797

गुजरात सरकार, कोटा, गो- 61374724 DIVISION

गुजरात सरकार कोटा गो- 5113 SUB-DIVISION

MEASUREMENT BOOK

27948 . Anil Kumar

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.°	L.	B.	D.	
Name of work: Dargah					
Sahara Path to Lodi-					
- per via Anant-					
Agency: Anil Kumar A-					
Chandrapur Dist-					
Gaya.					
Agreement No: 43 SBD 2019-2020					
Date of Commencement - 14/12/2019					
Date of Completion - 13/12/2020					
Date of Measurement - 12/02/2021					
Work done details					
($\frac{1}{30}$) Painting on Plaster of					

	wall etc do-do all comp.				
Top	$4 \times 2 \times 6.15 \times 0.400 = 19.68 m^2$				
Side	$4 \times 4 \times 6.15 \times 0.600 = 59.04 m^2$				
Front	$4 \times 4 \times 0.400 \times 0.600 = 3.84 m^2$				
					82.56 m ²

($\frac{2}{30}$) Painting on Plaster					
	wall etc do-do all comp.				
Top	$2 \times 3.60 \times 0.400 = 2.88 m^2$				
Side	$4 \times 3.60 \times 0.600 = 8.64 m^2$				
Front	$4 \times 0.400 \times 0.600 = 0.96 m^2$				
					12.48 m ²

($\frac{3}{45}$) Painting on Plaster					
	wall etc do-do all				
	Comp. job.				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Top Face	2	2	11.40	0.40	$= 18.24 \text{ m}^2$
Side Face	2	4	11.40	0.60	$= 54.72 \text{ m}^2$
Front Face	2	4	0.40	0.60	$= 1.92 \text{ m}^2$
					74.88 m^2
($\frac{4}{36}$)	Plain reinforced cement				
	Concrete etc do-do-all				
	Comp. job.				
	2	4	3.80	0.40	$\times 2.33 = 63.74 \text{ m}^3$
($\frac{5}{47}$)	Providing and laying				
	Cement Concrete wearing				
	Course etc do-do-all Comp.				
	2	3.80	5.20	0.075	$= 2.96 \text{ m}^3$
($\frac{6}{3}$)	Box cutting: Excavation				
	for road way etc do-do				
	all Comp. job.				
	2	6	30	0.375	$\times 0.100 = 13.50 \text{ m}^3$
	2	1	30	0.375	$\times 0.100 = 2.25 \text{ m}^3$
	2	1	10	0.375	$\times 0.100 = 0.75 \text{ m}^3$
					16.50 m^3
($\frac{7}{8}$)	Construction of granu-				
	lar sub-base etc do-do				
	all Comp. job.				
	2	6	30	0.375	$\times 0.100 = 13.50 \text{ m}^3$
($\frac{11}{8}$)	2	1	30	0.375	$\times 0.100 = 2.25 \text{ m}^3$
	2	1	10	0.375	$\times 0.100 = 0.75 \text{ m}^3$
					16.50 m^3

Continuation

Continuation 154.66 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	extn widening on curve				
	$\frac{0+8}{2}$	$\times 10 \times 0.075$			$= 3.00 \text{ m}^3$
					157.66 m^3
($\frac{10}{10}$)	Prime coat: Providing and applying primer				
	Cost etc do do at Corp.				
		$6 \times 30 \times 3.75$			$= 675 \text{ m}^2$
		$2 \times 30 \times 3.75$			$= 225 \text{ m}^2$
		$5 \times 30 \times 3.75$			$= 562.50 \text{ m}^2$
		$3 \times 30 \times 3.75$			$= 337.50 \text{ m}^2$
		$6 \times 30 \times 3.75$			$= 675 \text{ m}^2$
		$7 \times 30 \times 3.75$			$= 787.50 \text{ m}^2$
		$8 \times 30 \times 3.75$			$= 900 \text{ m}^2$
		$1 \times 30 \times 3.75$			$= 75 \text{ m}^2$
					4237.50 m^2
	extn widening on curve				
	$\frac{0+8}{2}$	$\times 21$			$= 84 \text{ m}^2$
					4321.50 m^2
($\frac{11}{11}$)	Tack coat: Providing and applying tack				
	Cost etc do do at Corp.				
		$6 \times 30 \times 3.75$			$= 675 \text{ m}^2$
		$2 \times 30 \times 3.75$			$= 225 \text{ m}^2$
		$5 \times 30 \times 3.75$			$= 562.50 \text{ m}^2$
		$3 \times 30 \times 3.75$			$= 337.50 \text{ m}^2$
		$6 \times 30 \times 3.75$			$= 675 \text{ m}^2$
		$7 \times 30 \times 3.75$			$= 787.50 \text{ m}^2$

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	3	30	3.75	0.160	54 m ³
	5	30	3.75	0.160	96 m ³
	2	30	3.75	0.160	96 m ³
	3	30	3.75	0.160	54 m ³
	1	10	3.75	0.160	6 m ³
					336 m ³
Extra Widening on Curve					
	0+8	10	0.160		6.40 m ³
	2				336.40 m ³
(14/7) Construction of Subgrade and earthen shoulders etc do-do-at Comp.					
	2	12	30	1.18	0.075 = 63.72 m ³
	2	9	30	1.18	0.075 = 47.79 m ³
	2	11	30	1.18	0.075 = 58.41 m ³
	2	5	30	1.18	0.075 = 26.55 m ³
	2	12	30	1.38	0.200 = 198.72 m ³
	2	9	30	1.38	0.200 = 149.04 m ³
	2	11	30	1.38	0.200 = 182.16 m ³
	2	5	30	1.38	0.200 = 82.80 m ³
	2	8	30	0.375	0.160 = 28.80 m ³
	2	5	30	0.375	0.160 = 18 m ³
	2	1	10	0.375	0.160 = 1.20 m ³
	2	5	30	0.375	0.160 = 18 m ³
	2	8	30	0.375	0.075 = 13.50 m ³
	2	5	30	0.375	0.075 = 8.43 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2 x 17	16 x 0.375		0.075	= 0.56 m ³
	2 x 5	30 x 0.375		0.075	= 8.43 m ³
	2 x 8	30 x 0.375		0.10	= 18 m ³
	2 x 5	30 x 0.375		0.10	= 11.25 m ³
	2 x 17	10 x 0.375		0.10	= 0.75 m ³
	2 x 5	30 x 0.375		0.10	= 11.25 m ³
					<u>961.94 m³</u>

(15/5)

Construction of emba-

-ment with approved

material etc do-do-etc

Comp. etc.

E/W calculation as

Per graph				
CH in (m)	Area m ²	Mean of 5 Area m ²	Length m	Quantity m ³
0	2.400	-	-	-
50	2.262	2.331	50	116.550
100	2.644	2.493	50	122.650
150	2.736	2.690	50	134.500
200	3.505	3.121	50	156.025
250	3.338	3.409	50	170.450
300	6.788	5.051	50	252.525
350	3.132	4.960	50	248.000
400	6.361	4.747	50	237.325
450	5.066	5.714	50	285.675
500	7.529	6.298	50	314.875
550	7.613	7.571	50	378.550

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH (m)	4	Area	Main	length	quantity
600	2.875	5.254	50		m ³
650	3.446	3.321	50		166.025
700	3.251	3.499	50		194.925
750	3.164	3.209	50		160.450
800	3.056	3.112	50		155.575
850	2.996	2.996	50		149.800
900	2.070	2.503	50		125.150
950	3.644	2.859	50		142.925
1000	3.162	3.405	50		176.225
1050	7.987	5.575	50		279.725
1100	5.349	6.668	50		333.400
1150	6.958	6.154	50		302.675
1200	7.507	7.263	50		363.125
1250	8.224	7.921	50		396.025
1300	7.725	8.000	50		394.975
1350	6.367	7.046	50		352.300
1400	5.691	6.024	50		301.200
1450	7.658	6.670	50		333.475
1500	8.827	8.243	50		412.125
1550	4.148	6.488	50		324.375
1600	4.461	4.305	50		215.225
1680	6.146	5.304	80		424.280
Total E/W = 8366.90 m ³					
Deduction					
less Subgrade hole Tmp (25) - 2043.65 m ³					
Earthon should be Tmp (40) - 961.94 m ³					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
G.S.B vide TMBP (21)					936.35 m ³
(35)					16.50 m ³
WBM G vide TMBP					481.75 m ³
P.C.C vide TMBP (39)					336.40 m ³
					3560.21 m ³
Lead up to 100 m					
					3560.21 m ³ x 55.2% = 1965.24 m ³
(16) (6)					Lead up to 100 m
					3560.21 m ³ x 44.8% = 1594.97 m ³
(17) (14)					Head shouldering, laying brick, Seling etc do do
					all Comp. job.
					2 x 11 x 30 x 0.500 = 330 m ²
					2 x 4 x 30 x 0.500 = 120 m ²
					2 x 3 x 30 x 0.500 = 90 m ²
					2 x 1 x 10 x 0.500 = 10 m ²
					550 m ²
(18) (16)					Providing and fixing of typical masonry into - masonry sign board etc do do all Comp. job.
					Qty 4 Nos.
(19) (15)					Reinforced Cement Concrete m ¹⁵ grade etc do do all Comp.
					Qty 2 Nos.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
69	200m Stone				
	By 7 No.				
($\frac{20}{20}$)	Road marking: Providing and laying of hot applied etc do-do-all Comp. sub.				
	$2 \times 12 \times 30 \times 0.100$				$= 72 m^2$
	$2 \times 9 \times 30 \times 0.10$				$= 54 m^2$
	$2 \times 7 \times 30 \times 0.100$				$= 42 m^2$
	$2 \times 5 \times 30 \times 0.100$				$= 30 m^2$
	$2 \times 4 \times 30 \times 0.100$				$= 24 m^2$
	$2 \times 1 \times 20 \times 0.100$				$= 4 m^2$
					<u>$226 m^2$</u>
($\frac{21}{21}$)	Road marking (Acc Portion) Providing and laying of hot applied etc do-do-all Comp.				
	$2 \times 9 \times 30 \times 0.100$				$= 54 m^2$
	$2 \times 4 \times 30 \times 0.100$				$= 24 m^2$
	$2 \times 5 \times 30 \times 0.100$				$= 30 m^2$
	$2 \times 1 \times 10 \times 0.10$				$= 2 m^2$
					<u>$110 m^2$</u>
($\frac{22}{22}$)	Planting of tree etc do-do-all Comp. sub.				
	By 103 No.				
($\frac{23}{18}$)	Boundary Pillar etc				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		do do all	Comp.		
		Qty 52	Nos.		
$(\frac{24}{19})$		Providing and fixing			
		of retro-reflectised			
		Cautionary etc do do			
		all comp. etc.			
		(i) 600 mm equalised			
		7 triangle			
		Qty 13	Nos.		
		(ii) 800 mm x 600 mm			
		rectangular			
		Qty 6	Nos.		

(iii)	600 mm x 450 mm	
	rectangular	
	Qty 6 Nos.	
(iv)	900 mm side octagon	
	Qty 2 Nos.	
	<u>Sumo</u>	<u>12/02/2021</u>
	JK	

Continuation

Abstract of Cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Providing & Fixing of Working Benchmarks Pillars					
2 Nos (vide TMBP-24)					
@ Rs 4247 = 14					Rs 8498 = 28
Reference Pillars					
6 Nos (vide TMBP-24)					
@ Rs 1928 = 41					Rs 11570 = 46
(2) Clearing & Grubbing Road Land etc do-do. all Comp. job.					
1.17 Hec (vide TMBP-24)					
@ Rs 49789 = 47					Rs 58195 = 18
(3) Construction of embankment etc do-do-all Comp. job.					
Lead up to 100 m					
1965.24 m ³ (vide TMBP-42)					
@ Rs 132 = 56					Rs 260506 = 91
(4) Lead up to 100 m					
1599.97 m ³ (vide TMBP-42)					
@ Rs 187 = 23					Rs 298626 = 23
(5) Construction of Subgrade and earthen shoulder etc do-do-all Comp. job.					

Continuation Rs 6,37,897 = 06

Sch. XLV-Form No. 134 B.F. 6,37,397=06

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2073.65 m ³ (vide TMBR-25)					
961.94 m ³ (vide TMBR-40)					
3035.59 m ³ @ Rs 189=11					Rs 574060=47
($\frac{6}{26}$) Earthwork in excavation					
etc do do - all Comp.					
134.83 m ³ (vide TMBR-25)					
@ Rs 285=11					Rs 38512=27
($\frac{7}{27}$) Providing 1:1.5:5 P.C.C.					
1:2:5:5 as levelling					
etc do do - all Comp.					
21.20 m ³ (vide TMBR-25)					
@ Rs 5118=87					Rs 108510=04
($\frac{8}{29}$) Providing and laying					
Rcc Pipe 11P3 etc do do -					
all Comp.					
30 m (vide TMBR-25)					
@ Rs 4645=96					Rs 139378=80
(B) Providing and laying					
Rcc pipe 11P3 etc do do -					
all Comp.					
750 m (vide TMBR-26)					
@ Rs 1289=47					Rs 9663=52
($\frac{9}{28}$) Plain reinforced ce-					
ment Concrete etc					
150.12 m ³ (vide TMBR-26)					
@ Rs 6025=65					Rs 904490=50
Continuation					Rs 24,12,022=61

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
($\frac{15}{35}$) Supplying, fitting and placing Hyso ber etc do-do-etc Comp.					
0.47 m ² (vide TMBP- 27)					
@ Rs 7670.7 = 14					P 36052=35
($\frac{16}{34}$) Providing Concrete for plain reinforced etc do-do-etc Comp.					
99.56 m ³ (vide TMBP- 28)					
@ Rs 5783 = 37					P 575792=31
($\frac{17}{39}$) Supplying fitting and placing Hyso br etc do-do-etc Comp.					
3.64 m ² (vide TMBP- 28)					
@ Rs 76856 = 70					P 279758=39
($\frac{18}{38}$) plain reinforced Cement Concrete etc do-do-etc Comp. job.					
37.68 m ³ (vide TMBP- 28)					
@ Rs 6797 = 11					P 256115=10
($\frac{19}{37}$) Providing weep holes etc do-do-etc Comp. job.					
90 No (vide TMBP- 28)					
@ Rs 131 = 17					P 11805=30
($\frac{20}{40}$) Backfilling behind					
Continuation					P 3796502=22

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		abutment etc do do			
		all Comp.			
		111.18 m ³ (vide TMBR-29)			
		@ Rs 742=14		Rs 82511=12	
($\frac{21}{3}$)		Box cutting etc do-			
		do do all Comp. job.			
		43.65 m ³ (vide TMBR-29)			
		16.50 m ³ (vide TMBR-35)			
		60.15 m ³ @ Rs 82=01		Rs 4932=90	
($\frac{22}{3}$)		Construction of granule			
		Sub base etc do do			
		all Comp. job.			
		936.35 m ³ (vide TMBR-23)			
		16.50 m ³ (vide TMBR-35)			
		952.85 m ³ @ Rs 2043=92		Rs 1976182=31	
($\frac{23}{41}$)		Providing and laying			
		filter media etc do do			
		all Comp. job.			
		61.02 m ³ (vide TMBR-29)			
		@ Rs 2610=94		Rs 159319=55	
($\frac{24}{43}$)		Supplying fitting and			
		placing Hysn bar etc			
		do do all Comp.			
		1.29 m ³ (vide TMBR-30)			
		@ Rs 77977=49		Rs 100593=54	
($\frac{25}{42}$)		Providing and laying			
		reinforced cement			

Continuation

Rs 61,20,041=64

Executive Engineer R.W.D. Works Division Amravati (A. D. G.) Sch. XLV-Form					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
etc do do - all Corp.					
15.30 m ² (Vide Tmbs-30)					
@ Rs 7506 = Rs					114841 = 80
($\frac{26}{44}$) Paving of Construction					
etc do do - all Corp.					
10.94 m ² (Vide Tmbs-30)					
@ Rs 6025 = Rs					65714 = 04
($\frac{27}{46}$) Drainage Spout etc do					
do - all Corp.					
8 Nos (Vide Tmbs-30)					
@ Rs 468 = Rs					3745 = 68
($\frac{28}{31}$) Paving and Laying					
of 9 inch floor cement					
etc do do - all Corp.					
40 Km (Vide Tmbs-31)					
@ Rs 1060 = Rs					42468 = 80
($\frac{29}{30}$) Painting on Plaster					
wall etc do do - all Corp.					
87.56 m ² (Vide Tmbs-34)					
12.48 m ² (Vide Tmbs-34)					
95.04 m ² @ Rs 108 = Rs					10357 = 45
($\frac{30}{45}$) Painting on Plaster					
wall etc do do - all Corp.					
74.88 m ² (Vide Tmbs-35)					
@ Rs 108 = Rs					8160 = 42
($\frac{31}{26}$) Plain reinforced cement					
Continuation					Rs 6365469 = 83

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Concrete etc do do all					
Coop.					
63.74 m ³ (vide TMB-35)					
@ Rs 6025=05					No 384036=6
($\frac{32}{147}$) Providing and laying					
Cement concrete etc					
do do - all comp. etc.					
2.96 m ³ (vide TMB-35)					
@ Rs 15200=58					No 44993=7
($\frac{93}{9}$) WBM Grading 3/4					
Providing laying					
Spreading and Compacting					
etc do do all comp.					
324.09 m ³ (vide TMB-36)					
157.66 m ³ (vide TMB-37)					
431.75 m ³ @ Rs 2884=63					No 1389670=50
($\frac{34}{10}$) Prime Coat: Providing					
and applying primer					
Cost etc do do all comp.					
4321.50 m ² (vide TMB-37)					
@ Rs 54=40					No 235089=60
($\frac{35}{11}$) Tack Coat: Providing					
and applying tack					
Cost etc do do all comp.					
4321.50 m ² (vide TMB-38)					
@ Rs 18=26					No 78910=53
($\frac{36}{12}$) Providing laying and					
rolling of class road					

Continuation

Rs 8498170=91

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	etc do do	all	comp.		
4321.50 m ³ (vide TMBF-32)					
	@ R 213 = 74				R 923677=91
($\frac{37}{13}$) Construction of unseia-					
forced plain cement					
etc do do all comp.					
336.40 m ³ (vide TMBF-39)					
	@ R 6155 = 51				R 2070713=56
($\frac{38}{14}$) Hand shuffling					
etc do do all comp.					
550 m ³ (vide TMBF-42)					
	@ R 525 = 75				R 289162=50
($\frac{39}{15}$) Providing and fixing					
of typical masonry wall					
etc do do all comp.					
4 Nos (vide TMBF-42)					
	@ R 9943 = 50				R 39774=00
($\frac{40}{15}$) Reinforced cement					
Concrete m/s grade					
11 Nos Ordinary form Stone					
2 Nos (vide TMBF-42)					
	@ R 2164 = 03				R 4328=06
(ii) 200 m Stone					
7 Nos (vide TMBF-43)					
	@ R 633 = 35				R 4433=45
($\frac{41}{20}$) Road marking etc					
do do all comp.					

Continuation

R 1,18,80,259=89

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
226.6 m ² (vide TMBF-43)					
@ Rs 850 = 93					Rs 192310=18
(42) (21)	Road marking (P.C. P.O.A.) etc do-do-etc				
	Comp. etc				
110 m ² (vide TMBF-43)					
@ Rs 953 = 99					Rs 104938=90
(43) (22)	Planting of trees etc do-do-etc Comp.				
108 Nos (vide TMBF-43)					
@ Rs 747 = 78					Rs 80976=84
(44) (18)	Boundary Pillars etc do-do-etc Comp.				
52 Nos (vide TMBF-44)					
@ Rs 522 = 45					Rs 27167=40
(45) (19)	Providing and fixing of retro reflected Continuity etc do-do-etc Comp. etc				
(i) 600 mm equilateral triangle					
13 Nos (vide TMBF-44)					
@ Rs 4000 = 52					Rs 52,000=50
(ii) 800 mm x 600 mm rectangular					
6 Nos (vide TMBF-44)					
Continuation @ Rs 7666 = 50					Rs 45999=40
					Rs 1,23,33,646=21

C&P <u>Joseph</u> 3/8/22	<u>Power</u> 12/01/2021	<u>Power</u> 12/01/2021
	Material statement (update)	
	$E/w = 6995.80 \text{ m}^3$	
	Stone chips = 1639.62 m^3	
	Coarse Sand = 413.22 m^3	
	Stone metal = 582.91 m^3	
	Stone Screening = 115.62 m^3	
	Emulsion (BSI) = 3.67 m^3	
	Emulsion (BSI) = 1.18 m^3	
	Bottom (Geo) = 8.21 m^3	
	Reinforcement = 5.40 m^3	
	Brick = 3410 No.	
	<u>Power</u> 12/02/2021	<u>Power</u> 12/02/2021

Scanned with CamScanner