

Sangatti p. 1 G.S. Road To Takia, M.M.G.S.
Schedule XLV-Form No. 134 Sc

Sri Rakeshwar Singh

कार्यवाहक अभियंता
राजीव - जे विभाग
कार्य प्रबंधन, अक्षा-1

Agro-04/16-17
DIVISION

M.M.G.S. (Se)

A.E.R.W.D (W)

SUB-DIVISION

Nagra

Measurement Book

NO:-3302

3rd Final Bill

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work, Const & maintenance of road s.s. from Tor Sangatti P.M. to s.s. Hanuman mandir, Tochohota Katakia under m.m.s.s. scheme.					
Name of Agency—Sri Rajashwar Singh of Dahiyawa Chappara.					
Agreement No. 0.04 of 2016-2017					
Date of start—15.7.16					
Date of Comp.—14.7.17					
Date of Actual Comp.—7.11.2016					

(i) EX Cavation (for road way) in soil using manual means for carrying of cut earth					
	2	30.00	0.525	0.075	2.3625
	2	20.00	0.525	0.075	1.5750
Total					3.9375
(ii) Construction of embankment with approved material obtained from m. borrow pits.					
	1				46.75 m ³

Continuation

Abstract of cost

Sch. XLV Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Providing & fixing of working bench mark					
Pillars - do - 64					
Oly vict. m. B.P. 116					
item 1. (1) 1.120 km					
@ Rs - 10688.86/km					11970.00
(2) Clearing and grubbing road land including uprooting wild vegi					
tation - do - 81					
Oly vict. m. B.P. 116					
item 1. (3) 1.77 Ha					
@ Rs - 18710.64/Ha					29293.00
(3) Excavation for soil in road by manual mens - do - 5					
Oly vict. m. B.					
P.N. (16) item 1. (1) + (1)					
@ - 73.965 m ³ /m ³					5096.00
= 77.92 CB - 65.42/m ³					4839.00
(4) Construction of cement bank with approved material deposited from road					
Oly vict. m. B.P.N. (22)					
Item 1. (2) 1.4675 m ²					
@ Rs - 44.77/m ²					2103.00
Continuation					
Total Rs - 48462.00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5/5) Excavation for road work in soil with hydraulic excavator of 0.9 cum bucket - 1st Qty vide m.B.N. (23)					
1st Qty (3) 77.9 m ³					
@ B - 65.42/m ³ = 5096.0					
(6/6) Construction of Embankment with material obtained from borrow pits - 1st Qty vide m.B.N. (23A)					
1st Qty (23A) 1298.0 m ³					
@ B - 16.5/m ³ = 22584.7					
(7/7) Construction of embankment with material obtained from borrow pits - 1st Qty vide m.B.N. (23B)					
1st Qty (23B) 1951.378 m ³					
@ B - 148.50/m ³ = 289780.0					
(8/8) Construction of granular sub base by providing well graded material - 1st Qty vide m.B.N. (23C)					
1st Qty (23C) 210.5 m ³					
@ B - 26.5/m ³ = 5588.25					
Continuation					
337.064 m ³ @ 2548.77/m ³ = 859105.0					
Total - 1428290.0					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9/9) Providing laying spreading and compacting stone aggregate 8 II					
Qty vide M.B. No. (17423)					
item (8) + (5)					
Qs. $143.437 \times 41.20 = 18466.7$					
@ B = $475815/m^3 = 878531 = 0$					
(10/10) Providing laying spreading and compacting stone masonry of III.					
Qty vide M.B. No. (18424)					
item (8) + (6)					
Qs. $143.437 \times 41.20 = 18466.7$					
@ B = $4466.52/m^3 = 813607 =$					
(11/11) Providing and applying Primer Coat with bitumen 2 thickness					
Qty vide M.B. No. (24)					
item (7) + (8) = 2461.87					
@ B = $25.51/m^2 = 87421 = 0$					
(12/12) Providing and applying tack coat with bitumen emulsion M. 1.					
Qty vide M.B. No. (25)					
item H. (8)					
Qs. $2461.87 m^2$					
@ B = $12.66/m^2 = 31167 = 0$					
Total B = $323906 =$					

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13/13) Providing Laying and rolling of open graded					31163=0
Primer carpet of same					
Thickness - do - 2					
Qty wide m.B.P.N. (25)					
item No - ②					
(13/13) ② 2461.87					
CB - 174.96/m ² = 430729=					
(14/14) Providing and Laying Seal coat					
Sealing the voids in a					
bituminous Seal coat					
Qty wide m.B.P.N. (25)					
item No (10) 2461.87					
CB - 44.23/m ² = 108888=0					
(15/15) Construction of Granular					
Sub base by providing					
well graded material					
Grading II - do - 2					
Qty wide m.B.P.N. (18)					
item No (10) 221.047m ³					
CB - 2548.79/m ³ = 563402=					
(16/16) Construction of un-reinforced					
dowel jointed at ex-					
pansion and contraction					
joint only - 1					
Qty wide m.B.P.N. (18)					
item No (12) 338.437+3.38=					
341.817 m ³					

Continuation

$$CB - 7249.47/m^3 = 2477992=$$

$$\text{Total CB} - 6820027=$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17/17) Brick masonry work in foundation comp excluding pointing					
Qty videt m. B. P. N 18					
item (17)					
Qb $39.9 \times 2.85 = 113.715 \text{ m}^3$					
CB $5401.12 / \text{m}^3 = 230898$					
18/18 Laying Brick Soling on prepared Sub grade with brick on edge Soling. - do -					
Qty videt m. B. P. N 18					
item (18)					
Q. 500.00		11.28			
CB $465.16 / \text{m}^2 = 1918780$					
(19/19) Reinforced Cement Concrete M-15 grade Kilometer Stone/Local Stone					
Qty. Videt m. B. P. N (27)					
item (19) Q. 2705 km					
CB $2090.11 / \text{m}^3 = 4180.00$					
(20/20) Reinforced Cement Concrete M-15 grade Kilometer Stone/Local Stone					
Qty. Videt m. B. P. N (27)					
item (15) Q. 5715					
CB $564.36 / \text{m}^3 = 28220$					

Continuation

Total Rs - 72498050

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(21/22) Providing and fixing of Semi-reflective cautionary mandator Size board.					
(50/100) Q. Victor m. B. 1 (22)					
item 1/16 Qty. 3 Nos					71180.00
C.B. — 1576.84/11 = 4731=0					
(22/21) Providing and fixing Size board 600 mm.					
(18/1) Q. Victor m. D. 11 (22)					
item 1/17 Qty. 5 Nos					101828.00
C.B. — 1514.37/11 = 7572=0					
(23/23) Providing and fixing Semi reflective cautionary Size board Q. Victor m. B. 1 (22)					
item 1/18 Qty. 1 Nos					131185.00
C.B. — 5 Nos B-1673.71/1 = 8369=					
(24/24) Providing and fixing Semi reflective Size board.					
(50/100) Q. Victor m. B. 1 (22)					
item 1/19 Qty. 3 Nos					
C.B. — 1570.45/11 = 4711=0					

Continuation

Total B-7475188=0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(25/26) Providing and Laying of typical masonry in formwork size board with lugs.					
Qty. victor m.s. pr. (16) (2)					
1.6 x (2) + (2)					
Qty. - 1 + 1 = 2 Nos					
C.B. $87.11.21 / 1\% = 17422=0$					
(26/27) Providing and Laying of hot applied thermoplastic compound.					
Qty. victor m.s. pr. (28)					
1.6 x (28)					
Qty. - 130.0 m ²					
C.B. $828.15 / 1\% = 107659=0$					
(27/28) Earthwork excavation for structure as per drawing.					
Qty. victor m.s. pr. (19)					
Item 1 (14) Q. 29.798 m					
C.B. $215.87 / 1\% = 6432=0$					
(28/29) Providing & cc m.s. as leveling course in foundation.					
Qty. victor m.s. pr. (19)					
Item (15) Q. 2.962 m					
C.B. $5224.50 / 1\% = 15475=0$					

Continuation

Total B. $7422176=0$
 7422165

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(29/29) Brick masonry work inc. m (1:4) in head wall completely open Qty. of m. m. B. N. (19) item No. (16) Q. 33.743 CB 5664.31 = 19114.2 191131.20					
(30/30) Providing and laying Rice pipe N.P. for Culverts - do - n Qty. of m. m. B. N. (20) item No. (17) Q. 7.50 m. m. = 10.122 = 30256.0 CB 4034.08/n = 30256.0					
(31/31) Plastering with cement mortar (1:4) on Brickwork in sub structures - do - n Qty. of m. m. B. N. (20) item No. (18) Q. 67.84/n = 9460.0 CB 139.45/n² = 9460.0					
(32/32) Providing 11.5 mm. cont. pening including curing - do - n Qty. of m. m. B. N. (20) item No. (19) Q. 13.26/n² = 515.0 CB 38.85/n² = 515.0 Total Rs - 7653538.0					

Continuation

7653510.0

423210-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B. L. B.					7653510
					7653538
					7653510
Less 10% Below					76535320
					6888159
					6888185
Less 2nd Landfill					55763220
					137188320
					1371857
D.A.O.					
C.P.					
					7.11.2016
					J.E.

3rd & Final Bill

V.M.

01

Date 7/12/16

Memo of Payment

87 SD				109749=00
87 ST				109749=00
1/2 JT				13719=00
1/2 L. cer				13719=00
Royalty				73006=00
By cheque				1051915=00
			Total	1371857=00

Passed to Rs. 137185720 (Rs. Thirteen Lacs
Seventy one thousand eight hundred and
fifty seven only)

Executive Engineer

Continuation [W] Division, Chapter-3

1/12/16

01/12/16