

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	2	Press Mis.
Dated	18	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
5th January 1864.*

No. 41. Read the following letter from Captain E. A. FOORD, R. E., Superintending Engineer, 6th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Tanjore, 9th December 1863, No. 1,348:—

SIR,

1 Revised Abstract Estimate.
1 Comparative Statement.
1 Specification.
3 Plans.
2 Surveys

* Item No. 147, Imperial
Budget of 1862-63.

1. I have the honor to forward for sanction and entry in the one per cent. Income Tax Budget of 1864-65 a revised Estimate amounting to Rupees 43,600 with Plans, for the formation of a road from Trichinopoly through Arealur and Wodiarpolliem to join Trunk Road No. IX, in lieu of the original Estimate of the same amount framed in the year 1851, and sanctioned by Government in their Order No. 1,405 of the 12th August 1856.*

2. Owing to the distance of time since the original Estimate was framed, several alterations had to be made, and the preparation of fresh Plans and Estimates was necessary.

3. The work has been commenced on the road in accordance with the entries in the Revised Estimate on the sanction of Rupees 10,000 in the current† year's Income Tax Budget, and Rupees 20,700 have been entered for completing the work in the Budget of 1864-65.

† Item No. 22.

No. 42. ORDER THEREON, 5th January 1864, No. 18.

1. The Governor in Council sanctions the revised Estimate submitted with this letter, amounting to Rupees 43,600, for the construction of a road from Trichinopoly through Arealur and Wodiarpolliem to join Trunk Road No. IX.

2. It is observed that the present Estimate corresponds in amount with that sanctioned in G. O. No. 1,405, dated 12th August 1856.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 6th Division.
„ Accountant General.
„ Controller and Auditor of Public Works Accounts.

Exd. S. T. Augustin.

Public Improvement
Communication
Cemented Roads.
Work.

TRICHINOPOLY DISTRICT.

Abstract Estimate No. of 185 6

New York

Work. Road from Truckee to Arden & Goddard to its junction with Truck Road No. 1X.

[illegible]

Quantity.	Description of Work.	Rate.		Amount.		Amount of Each Part.	
		Rs.	A. P.	Rs.	A. P.	Rs.	A. P.
316 1/2	Cub yds Rough Stone in Chunanam feg.	2. 8.		791	9 2	9363	
16132 1/2	Cub yds Brick in Chunanam feg.	2.		1266	9		
3733	Suppl. Plastering feg.	1. 12.		65	53		
11	Upright Stones each	3. 8.		38	2		
	Excavating Foundation			50			
	Baling			50			
	Centring			75			
	Approaches			150			
	Sundries & Contingencies			153	7 1/2	2640	
	Constructing a Bridge of 2 Arches 20 feet span each across Panyan Valley Appendix No. 3						
242 1/3	Cy. Rough Stone in Chunanam feg.	2. 8.		605	10 4		
9338 1/2	Cub yds Brick in Chunanam feg.	2.		1167	5		
487 1/4	Suppl. Plastering feg.	1. 12.		85	49		
	Excavating & Embankment			150			
	Baling			100			
	Centring			175			
	Approaches			150			
750	Cy. Packed Rough Stone feg.	1. 8.		60			
	Sundries & Contingencies			321	8 1/2		
	Two Bridges of the same dimensions			4000			
						2000	
						20003	

Quantity.	Description of Work.	Rate.		Amount.		Amount of Each Part.	
		Rs.	A. P.	Rs.	A. P.	Rs.	A. P.
	Constructing Culvert of 6 feet span Appendix No. 4					20003	
102 1/3	Cubic Yards Rough Stone in Chunanam feg.	2. 8.		171	10 2		
1305 1/2	Cub yds Brick in Chunanam feg.	2.		113	3		
10	Suppl. Plastering feg.	1. 12.		17	8		
	Excavation & Baling			30			
	Sundries & Contingencies			22	11 1/2		
				405			
	Two tunnels of the same dimensions					810	
	Constructing a Culvert of 3 feet span Appendix No. 5						
26 1/3	Cubic Yds Rough Stone in Chunanam feg.	2. 8.		66	10 0		
575 1/2	Cub yds Brick in Chunanam feg.	2.		71	5		
450	Suppl. Plastering feg.	1. 12.		7	14		
	Excavation and Baling			20			
	Sundries & Contingencies			13	8 1/2		
				120		260	
	Two tunnels of the same dimensions						
	Constructing a Barrel Drain 9 feet diameter Appendix No. 6						
4 1/2	Cub yds Rough Stone in Chunanam feg.	1. 8.		6	10 8		
40	Cy. Barrel Drain Bricks in Chunanam feg.	3.		7	8		
				14	28	21173	

170 1/2	Cubf. Bricks in Churnam	14	2	8				
57	Suppl. Plastering	15	15	4	21	173		
	Excavation & filling			2				
	Sundries & Contingencies			2				
	7 Barrel Chains of the same dimensions			35				
							245	
Constructing a Road (Can 140 ft long across & engineering Surplus & 6 day North East of Vallamur Village Appendix No 7.								
228 1/2	Cubf. packed Rough Stone in Churnam							
14 1/2	do Stone filling							
57 1/2	do Gravel							
36	Cub. Bricks in Churnam							
108	Suppl. Plastering							
	Excavation							
	Sundries & Contingencies							
Constructing Road (Can 140 ft long across & engineering Surplus & 6 day North East of Vallamur Village Appendix No 8.								
13	Cub. Packed Rough Stone in Churnam							
10	do Gravel							
	do Sanding							

Quantity.	Description of Work.	Rate.			Amount.			Amount of Each Part.		
		Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
18	Cubic Yards Grassing <i>peg</i>		2		1	2		22258		
	Excavation & filling				1					
	Sundries & Contingencies				1					
					21					
	2 Chains of the same dimensions							12		
	Mule Stones							30		
	Planting Trees							300		
	Tools							200		
	Total for E. Range							22830		
<u>Perambalur Taluk</u>										
13 1/2	Cub. & Earthwork (other soil) <i>peg</i>		9		903	39				
8 1/2	do Right Soil		9		38	14				
10950 1/2	do Swampy Soil		11		627	57				
1768 3/4	do Hard Soil		12		138	24				
2012 1/2	do Stony Soil		3		377	65				
2699 1/2	do Grassing <i>peg</i>		3		566	16				
3783 3/4	do Sanding		1		945	04				
	Sundries & Contingencies				353	132		3890		
<u>Masonry Works</u>										
	Constructing Bridge of 10 arches									
	12 feet span — Appendix									
	No 9.							3890		

Quantity.	Description of Work.	Rate.		Amount.		Amount of Each Part.	
		Rs.	A. P.	Rs.	A. P.	Rs.	A. P.
121	6000 Rong's Stone in Chumam	2	8	302	8	3890	
82 3/4	6000 Brick in Chumam	2	8	103	7		
580	Supp's Plastering	1	12	10	2		
5 1/2	do Counting	1	12	4	5		
	Excavating Foundation & filling in			25			
	Centering			30			
	Sundries & Contingencies			24	9	500	
	Constructing a Tunnel of one						
	Vent 3 feet Square Appendix						
	No. 10.						
35 1/2	6000 Rong's Stone in Chumam	2	8	88	12		
36	6000 Brick in Chumam	2	8	4	8		
80	Supp's Plastering	1	12	1	5		
12	Counting Stone & Lags	2	8	30			
	Excavating Foundation & filling in			12			
	Sundries & Contingencies			19	5		
	Total for one			150			
	Total for Three			450		450	
	Constructing Road Dam of 4 Yards						
	Appendix No. 11						
1 1/2	6000 Rong's Stone in Chumam	2	8	11	2		
4	do Graveling Roadway	1	12	2			
	Excavating Foundation & filling in			2			
	Sundries & Contingencies			1			
	Total for Two			17			
				34			
				48 1/4			

Quantity.	Description of Work.	Rate.		Amount.		Amount of Each Part.	
		Rs.	A. P.	Rs.	A. P.	Rs.	A. P.
	Constructing Road Dam of 6 Yards						
	Appendix No. 12						
7 1/2	6000 Rong's Stone in Chumam	2	8	18	12		
6	do Graveling Roadway	1	12	3			
	Excavating Foundation & filling in			2	8		
	Sundries & Contingencies			1	12		
				26			
	Total for 6					156	
	Milestones					20	
	Planting Trees					50	
	Tools					100	
						5200	
	Total 2 Range						
	<u>Modaxpallion Table</u>						
1050 1/4	6000 Earth with Black Cotton Soil	9	7	727	12		
2404 1/2	do Red Cotton Soil	1	13	1377	5		
3754 2	do Yellow Soil	1	11	1162	2		
20282 5/8	do Swampy Soil	1	3	3994	3		
5112 6	do Hard Soil	3	45	452	9		
2413 3/4	do Stony Soil	4	25	2536	2		
10144 1/2	6000 Sanding	3	6	751	4		
3300 3/4	Subp's Gards (Cleaning, hangle)						
	Sundries & Contingencies					1281	14107
	<u>Masonry For Rev.</u>						
						14107	

Quantity.	Description of Work.	Rate.		Amount.		Amount of Each Part.	
		Rs.	A. P.	Rs.	A. P.	Rs.	A. P.
	Constructing Tunnel of 1 V. 8th 2 feet Square Appendix No 13.					14	07
16 24	Cy. Rough Stone in Chumam p. 2. 8.	2	8	42	3		
24	Est. Brick in Chumam p. 2. 8.	2	8	3			
52.	Suppl. Plastering p. 2. 8.	2	8				
12.	Lining Stone p. 2. 8.	1	2				
	Excavating Foundation and filling in Approaches			12			
	Sundries & Contingencies			6			
				5	34	70	
	Constructing Road Dam 4 Yards. Appendix No 14						
4 26	Cy. Rough Stone in Chumam p. 2. 8.	2	8	11	24		
4.	do - Graveling p. 2. 8.	2	8	2			
	Excavating Foundation & Sloping			2			
	Sundries & Contingencies			1	31	17	
	Constructing Road Dam 6 Yards. Appendix No 15						
7 1/2	Cy. Rough Stone in Chumam p. 2. 8.	2	8	18	12		
6.	do - Graveling p. 2. 8.	2	8	3			
	Excavating Foundation			2			
	Sundries & Contingencies			1	12		
	Total for one			36			
	Total for five					180	
						14324	

Quantity.	Description of Work.	Rate.		Amount.		Amount of Each Part.	
		Rs.	A. P.	Rs.	A. P.	Rs.	A. P.
	Constructing Road Dam 8 Yards Appendix No 16.					14324	
10 2/3	Cy. Rough Stone in Chumam p. 2. 8.	2	8	26	108		
8.	do Graveling p. 2. 8.	2	8	4			
	Excavation & c.			3			
	Sundries & Contingencies			3	54	37	
	Constructing Road Dam 10 Yards. Appendix No 17.						
13 2/3	Cy. Rough Stone in Chumam p. 2. 8.	2	8	34	28		
10	do Graveling p. 2. 8.	2	8	50			
	Excavation & c.			3			
	Sundries & Contingencies			4	34		
	Total for one			47			
	Total for six					282	
	Constructing Road Dam 12 Yards. Appendix No 18.						
16	Cy. Rough Stone in Chumam p. 2. 8.	2	8	40			
12	do Graveling p. 2. 8.	2	8	6			
	Excavation & c.			4			
	Sundries & Contingencies			5		58	
	Constructing Road Dam 20 Yards. Appendix No 19.						
26 1/3	Cy. Rough Stone in Chumam p. 2. 8.	2	8	65	34		
20	do Graveling p. 2. 8.	2	8	10			
	Excavation & c.			5			
	Sundries & Contingencies			7	28	28	
	Constructing Road Dam 30 Yards. Appendix No 20.						
						14726	

Quantity	Description of Work	Rate	Amount	Amount of each part
				14786 -
40	Cut & Rough Stone in Chumam p.c.	2.8	100	
30	do. Graveling	8	15	
	Excavation 8 th		7	
	Sundries & Contingencies		12	134
	Mule Stones			14920
	Tools			100
				550
	Total for 3 Range			15370
	Total for 1 st Range		22830	
	do 2 nd Range		5200	
	do 3 rd Range		15370	
	Total Estimate Rupees			43400

Montano Engineer Office

Archimopolis 15th

October 1883

Archimopolis Captain,

Recreation Engineer

Archimopolis

Edward Captain R.E.

Sup. Genl. & Co.

151

No 18.

1- The Governor in Council sanctioned the revised Estimate submitted with this letter amounting to Rupees 43 600 for the construction of a road from Trichinopoly thro' Arcalur & Modiarpolliem to join Trunk Road No. IX

2. It is observed that the present Estimate corresponds in amount with that sanctioned in G.O. No 1405 dated 2nd Aug 1856.

To the Supy. Eng^r & the Surveyor
 Accountant General
 Controller & Auditor of M. Accounts
 Dated 1st Dec 1856

Eng^r in Charge: Supy.

Re letter No 13484/14th Dec 1855

In a letter
 27/12/56

to the
 Mr Supy Engineer
 to Division

To the Secy to Govt.
 P.W.D.

27/12/56

Letter 9th Dec 1855

Abstract Estimate for the
 formation of the above
 Engineering works, Arcalur
 & Modiarpolliem
 27/12/56

Pro. 12 Aug 1856 No 2
87 @ 90-8

To W. 1811 Depo
Secy of Govt for Cantt
Trout

The Supr. Engineer
to Do

To
The Secretary to Govt
P.W.D.

Dated 9th Dec 1863
Recd 19

No. 1348

Enclosures 8

No. 18-5th January 1864

Forwarding for entry in
the Local Fund Budget
of 1864/65 a revised Bill
for constructing a road
from Trichinopoly to
Lunk Road No. 9

No. 42

at 222 1863 On 25th

By Order