

(1) Number of pages 14

(2) Date of repair 12-4-40

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 1870	Press
489-490	~~Mis.~~
Dated 22. 6. 1867.	

Not to be folded or roughly handled

SM

*Proceedings of the Madras Government, Public Works Department,
22nd June 1867.*

No. 489. Read the following letter from the Superintending Engineer, 2nd Division, to the Secretary to Government, Department Public Works, dated Masulipatam, 5th June 1867, No. 33 :—

1. I have the honour to forward, for the sanction of Government, a revised Estimate and comparative Statement of the cost of constructing the lock leading from the Nizampatam canal at Doogeralla into the Commamoor channel.

Revised
1 Detailed Estimate.
1 Abstract do Rupees 30,570.
1 Comparative Statement.

2. The present estimate exceeds that sanctioned in G. O. No. 3,381, dated 19th November 1863, by Rupees 2,770, which amount I solicit may be transferred from Item 135 to Item 143 of the Budget, as I do not anticipate that the widening of the main canal at Bazorah can be completed to the full extent this year.

3. The principal cause of the necessity for an increased grant arises, I regret to say, from a mistake having been made in the original estimate, in allowing only 100 cubic yards of cut-stone work, whereas 363 are required. The rate noted in the estimate has also been found to be inadequate. Extraordinary difficulty has been experienced with the foundations from the immense influx of water from springs, and the expense in baling has, in consequence, been much greater than anticipated, otherwise the first mentioned excess would have been more than covered by the saving effected in earth-work and rubble masonry. I hope that, under these circumstances, Government will be pleased to sanction the actual amount required.

No. 490. ORDER THEREON, 22nd June 1867, No. 1,870.

IRRIGATION, No. 28.

				RS
* Revised Estimate	...	...	...	30,570
Original do	...	...	...	27,800
			Excess	2,770

The Government sanction the revised estimate* of Rupees 30,570 submitted with this letter for the lock under construction at Doogeralla at the head of the Commamoor channel, and for the reasons stated in paragraph 2, they authorize the diversion to that work of Rupees 2,770 from the allotment of Rupees 20,080, provided in the Budget† for widening a portion of the Masulipatam canal.

† Item 135.

(True Extract.)

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

To the Superintending Engineer, 2nd Division, with Detailed Estimate.
" Controller of Public Works Accounts.
" Accountant General.

Exd. S. T. Augustin.

[illegible]

Remount spent our first Christmas at Oldwick. 1495 & 2

Ex-6- in the floor
No 333 of 5th Avenue
with a lamp and
to General R. B. C. C.

Mr. R. B. C. C.

He is a
No 333 of 5th Avenue
of the 5th Avenue
No 333 of 5th Avenue

Comparative Statement of the Cost to Construct Rajahmundry Canal with Tonnage of 8 ft. and 10 ft. Locks

Description of Work	Unit	Original Estimate		Actual Cost		Difference		Remarks	
		1867	1868	1867	1868	1867	1868	1867	1868
Excavating tail Chalk	Cu yds	407 1/2	1 6	4319 7	6250 1/2	10516 2	11 6	2103	142 182 136 60 1/2
Earth Work									129 44 1/2
Carriage									13 9 8
									458 1 8
									136 7 2
									1195 6 2
									2646 8 2
									1453 7 10

Description of Work	Unit	Original Estimate		Actual Cost		Difference		Remarks	
		1867	1868	1867	1868	1867	1868	1867	1868
Construction of Lock									
Concrete	Cu yds	549	2	1647				578 1/2	3
Brick Masonry	Do	3325 53	4	13502 1 2				2949 8	4
Cut Stone	Do	100	7	700				2312 6	10
Arch Work	Cu yds	1176 90	3	220 10 11				132	12
Rough Stone	Cu yds	101 1/2	1 12	177 5 4				1974	2
Gravel	Pz ft	214	3	40 2				101 1/2	2
Gravel	Do	48	3	9				214	3
Flanking	Square	5 1/2	3	17 6 5				48	3
Metal	Cu yds	40	1	40				48	3
Gates and Shutters								9	2
Excavations and filling in								17 6 5	2
Baling								40	1
Approaches								40	1
Carriage								404 11 8	
Remaining Stone from Old to New Side								111 12 8	
Construction for loads taken up for Lock and tail Channel								2769 12 8	
Building sheds for men and animals & Cows								150	
Carriage								100	
								146 12 8	
								157	
								153	
								1309 7 8	
								1024 9 7	
								2462 12 9	
								27800	
								5958 3	

Direct amount already sanctioned - 27800
 Additional amount required - 2770

Supdy. Engrs. Office
 Rajahmundry
 5th June 1867

Acc. Minister
 Supdy. Engineer

extend

No 33

Superintendent
Muzulpalam
5th June 1867.

From Lieut Col G. V. Winscom R.E.
Superintending Engineer
To Colonel C. A. O. R.E.
Secretary to Government

Sir I have the honor to

^{revised}
1 Detailed Estimate
1 Also of Rs 30870
1 Comparative
Statement

forward for the sanction of
Government, a revised Estimate
and Comparative statement of
the cost of constructing the Locks
leading from the Nizampatam
Canal at Dooggeroloh into the
Commamoor Channel.

2 The present Estimate exceeds
that sanctioned in G. O. No 3381 dated
19th November 1863 by Rs 2770 which
amount I solicit may be transferred
from Item 135 to Item 143 of the Budget,
as I do not anticipate that the
widening of the main Canal at
Dooggeroloh can be completed to the full
extent

Enclosure with
No 33 of 5th June 67
to the Secy. to Govt
Muz. P. 18-67-67

17/6/67

Comdant of
Muzulpalam
Nizampatam
N. O. 142
C. A. O. R. E. Conf. 18/6/67

extent this year.

3. The principal cause of the necessity for an increased grant arises, I regret to say, from a mistake having been made in the original Estimate, in allowing only 100 Cubic Yards of cut stone work, whereas 363 are required. The rate noted in the Estimate has also been found to be inadequate. Extraordinary difficulty has been experienced with the foundations from the immense influx of water from springs, and the expense in baling has inconceivably been much greater than anticipated, otherwise the first mentioned excess would have been more than covered by the saving effected in Earth work and Rubble masonry. I hope that, under these circumstances, Government will be pleased to sanction the

actual

116
actual amount required.

I have the honor to be
Your most Obedt. Servant.

Wm. M. L. L. E.
Superintendent D. S.

Public Works Department

No 1840

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 21st June 1867

Read the following

From the Sub Engineer of the 2^d Division (Here enter No. 33 dated 5th June/67)

Revised Estimate -	Rs 30,570
* Original Estimate -	27,800
Excess -	2,770

The Government sanction the revised estimate of Rs 30,570 submitted with this letter for the Locks under construction at Arge-ralla at the head of the Cammamoor Channel, and for the reasons stated in Para 2, they authorize the diversion to that work of Rs 2770 from the allotment of Rs 20000 provided in the Budget for widening a portion of the Maanli-pakam Canal.

* Item 135

The Supt 2^d Div with attached rates
 Controller
 Sect General

Recd 24/6/67

No 1840-22 June 1867

To the Secretary to Government
 Public Works
 5th June 1867
 No 1840-22 June 1867

Be 3:32 PM

Sanction of Government
 a revised estimate and
 construction of Locks
 at Arge-ralla at the head
 of the Cammamoor Channel
 and for the reasons stated
 in Para 2, they authorize
 the diversion to that work
 of Rs 2770 from the
 allotment of Rs 20000
 provided in the Budget
 for widening a portion
 of the Maanli-pakam
 Canal.

No 1840-22 June 1867

2.17 June/67 (R. 194)
483/1870

P. W. 1867. Department.
Proc. of Govt. for June
No. 1870

PROCEEDINGS OF GOVERNMENT. *Madras*

Dated 22nd June 1867

Sanctioning the
revised Estimate of
Rs. 30,570 for the construction
of a Lock at Coogeralla,
at the head of the Commia-
more channel, in the
Ristia District.

No. 189-490

2.17 June/67 (R. 194)