

(1) Number of pages 16

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	2549	Press Mis.
51-52.		
Dated	2-9-	18 64

Not to be folded or roughly handled

18

*Proceedings of the Madras Government. Public Works Department,
2nd September 1864.*

No. 51. Read the following letter from Lieutenant-Colonel O. W. S. CHAMBERS, R. E.,
Superintending Engineer, Is: Division, to Colonel C. A. ORR, R. E., Secretary to
Government, Department Public Works, dated Waltair, 18th August 1864, No. 578 :—

SIR,

1. With reference to G. O. No. 2,213 of 3rd instant, I beg to submit a revised Estimate
of the cost of constructing a Lock at Ellore after the manner of
Enclosure 1. the one built by Mr. Hawkins: the quantities are taken from a
return furnished by him to Major Stoddard and already submitted to Government.

2. It will be observed that, whilst the actual excess requiring sanction is Rupees 13,769,
the amount actually wanted is considerably less, due to a saving on the masonry of the Tummelair
Aqueduct, and to a large anticipated saving on the cost of the earthwork of the tail-race of that
work.

3. With regard to the particular work to be specified from which the necessary funds
for going on with the Tummelair tail-race may be diverted, I beg to name the Central Jail at
Rajahmundry.

No. 52.

ORDER THEREON, 2nd September 1864, No. 2,549.

Ordered that the following letter be despatched :—

(Here enter No. 2,550, dated 2nd September 1864.)

(True Extract.)

(Signed) J. H. M. SHAW STEWART, Major, R. E.,
Deputy Secretary to Government.

Exd. S. T. Augustin.

that

PUBLIC WORKS DEPARTMENT.
Public.

FORT SAINT GEORGE,
2nd September 1864.

No. 2,550.

No. 53.

From

MAJOR J. H. M. SHAW STEWART, R. E.,
Deputy Secretary to the Government of Fort Saint George, P.W.D.,

To

The Secretary to the Government of India.

SIR,

1. Referring to paragraph 6 of my letter, No. 2,143, dated 27th July 1864, I am directed to forward herewith the Estimates therein referred to, for the completion of the portion of the Ellore High Level Canal between Perikeed and Dendalore.

2. The Estimates provide for the following works :—

	RS.	RS.
For under-tunnels and escapes for cross drainage ...		44,210
Revised Estimate for Ellore Lock ...	34,329	
Deduct amount of original Estimate...	20,560	
Excess	13,769	
Total	57,979	

Against this sum the Superintending Engineer anticipates there will be a saving of Rupees 2,650 (probably more) in the cost of the Tummelair Aqueduct and its Tail-race, now in progress. This will reduce the excess to Rupees 55,329, the amount entered in the Statement annexed to paragraph 2 of my letter quoted above.

* Copy sent.

3. It will be seen from Proceedings, dated 3rd August* 1864, No. 2,213, that Government have been induced, as a special case, to authorize the prosecution, in the current official year, of the Aqueduct and Tail-race, the urgency of the work and the danger of deferring it, having been forcibly represented; and in view to the provision of funds for the purpose, I am to request sanction for diverting the requisite amount from the allotment† for the Central Jail at Rajahmundry, which forms item No. 79 of the Imperial Budget for 1864-65.

† Rupees 80,000.

I have the honor to be,

Sir,

Your most obedient servant,

(Signed) J. H. M. SHAW STEWART, Major, R. E.,
Deputy Secretary to Government.

Exd. S. T. Augustin.

that

51.
Superintending Engineer's
Office 1st Dr. Wattan.
18th August 1864.

From Lieut. Col. Chambers R.E.
Superintending Engineer
To Colonel C. A. Orr R.E.
Secretary to Govt. D.P.W.
Madras.

Encl-1.

Sir,
With reference to G.O. N^o 2213
of 3rd Instant, I beg to submit
a revised Estimate of the Cost
of constructing a Lock at Ellore
after the manner of the one built
by Mr. Hawkins: the quantities
are taken from a return fur-
-nished by him to Major Stoddard
and already submitted to Govern-
-ment. 11. 15)

2. It will be observed
that

Quantities	Items	Rates	Amount
396 3/4	Cubic yds. of rubble masonry in foundations & walls	4 per cyp	15859 - - -
60 7/4	Cub. yds. of cut stone facing	12 per cyp	7287 - - -
218 7/8	Cub. yds. of cut stone in Sills, coigns, arched floor etc	15 per cyp	3283 - 2 - -
8 1/2	Cub. yds. of Brickwork in Churnam in arch and parapet walls	4 per cyp	350 - - -
	Plastering		153 - - -
	Excavation		1068 - - -
	Approaches		100 - - -
	Centering		150 - - -
100	Cub. Yds. of rough stone in Arch and Groynes	1 per cyp	100 - - -
	Baling		107 - - -
	Two pair of Teak Gates and 2 Shutters to passages complete as per Bill		2816 - 3 - -
	Sundries and Contingencies at rather less than 10 per Cent		3055 - 11 - -
		Ruprs.	34,329 - - -

Satd 18th } August 1874.
 Decd 19th }
 Decd 29th }
End of
 No 578.

My
dear brother & sister
Franklin & Sarah Childs
New York

The Secretary

e. 3107 edugt/64 Dr. 1 and 1/2

2649-42550-2000, 20/10/2004

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Enclosure in a letter from the
 Dy Secretary to the Government
 of Port St. George Public Works
 Department dated 2nd September
 1864 No. 2550.

Revised Estimate given
 to Mr. [unclear] 24/11/64

On the subject of the
 Colares High Level Canal

From this should be deducted the
 amount of the original estimate
 of the Lock, 20,500 Rs. leaving
 Rs. 13,769 to be sanctioned, but of
 this at least 2,650 Rs. will be saved, probably more,
 on the Aqueduct and its Tail Race, so that the amount to be
 provided by Government is only
 Rs. 11,119, as specified in G. O.
 No. 3366 of 18th November last.

but I have
 purposely under-
 estimated the
 saving to be on
 the safe side

4592
 29/11/64

Ch. Chamberlain Esq.
 Superintending Engineer
 1st Divn

Sup^g Engr's Office,
 1st Divn, Calcutta,
 18th August 1864.

[Faint handwritten notes and signatures at the bottom of the page]

Public Works Department
No. 2549
Proceedings of the Madras Government
Under date the 2nd August 1864

Read the following

From The Sup^y Engineer 1st Division

Submits a revised Estimate
of the cost of constructing a
Lock at Ellore with reference
to G.O. No 2213 of 3rd instant

H. E. of 18th August 1864
No 578

Ordered that the follow-
ing letter be despatched.

10
To No 2550

The Secretary to the
Government of India
Sir,

Referring to Para 6
of my letter, No 2143, of 27
July 1864, I am directed
to forward herewith the es-
timates, therein referred to,
for the completion of the
portion of the Ellore High
Level Canal between Perikere

2 Den da bre.

The estimates provide for the following works:-

For under. tunnels & escapes for crop drainage — Rs 44,210

Revised estimate for Elbow Lock - R. 34,329
(Deduct amount of 1st estimate)

Deduct amount of original l^{ts} to - 20560 -

20,560 —
84 cts —
13,769
ar 57,979

Against this sum the Surp.
Surp. anticipates there will be
a saving of Rs 2500 (probably
more) in the cost of the Summe.

hair aqueduct & its rail-race,
now in progress. This will reduce
the ex. to Rs 55,329 - the amount
entered in the Statement annexed
to P. 2 of my letter quoted above.

It will be seen
from Pro. of 3rd Aug^t 1864, No 2213,
that Gov^t have been induced, as
a special case, to authorize the
prosecution, in the current official
year, of the aqueduct & rail
race, the urgency of the work
& the danger of deferring it,
having been forcibly represented;

x Copy sent.

15A

and in view to the provision of funds for the purpose, I am to request sanction for diverting the requisite amount from the allotment for the Central Jail at Rajahmundry which forms item No 79 of the Imperial Budget for 1886/5.

11

Chesnut }
2nd Sept/64 }

Aug¹⁰ 3rd September - Killo & Estimote

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2

472
T W 1864 Depts
Pro: of Gro: for Sept

7. 2549.2530
Pro: of the All Govt
D 2 Sept 64

Cd 1072/64

Submitting a
revised Estimate of
the Cost of Constructing
a Lock at Ellore.
Godavery District.

N^o 51. 52 & 53