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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	Press Mis.
Dated	18

Not to be folded or roughly handled

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*Proceedings of the Madras Government, Public Works Department,
3rd August 1864.*

No. 63. Read the following letter from Lieutenant-Colonel O. W. S. CHAMBERS, R. E.,
Superintending Engineer, 1st Division, to Colonel C. A. ORR, R. E., Secretary to
Government, Department Public Works, dated Waltair, 14th July 1864, No. 605 :—

SIR,

No. 3,366 of 18th November 1863.
" 1,941 of 4th July 1864.

1. Referring to the Orders of Government, as per margin,
I beg to report specially on the Ellore High Level Canal.

2. The sum of the four Estimates for this work sanctioned at various periods from, November
1856 to December 1862, amounts to Rupees 1,99,671.

3. The expenditure up to 1st May last was Rupees 1,95,873, and up to 1st instant
Rupees 2,02,894 or Rupees 3,223 in excess, that is, less than 2 per cent. on the Estimate.

4. Government is aware that there has been an excess of Rupees 13,437 on one item of
the work, viz., the Ellore Lock, constructed by Mr. Hawkins in 1860 and 1861.

5. In paragraph 11 of their Order, No. 3,366 of 18th November, Government desired that
an Estimate for Rupees 78,070 might be revised and returned, and that an Estimate for Rs. 11,119
(the difference between Mr. Hawkins' excess as before, and an anticipated saving on the Tume-
liar Aqueduct and tail race) might be submitted.

6. The first Order was complied with, but it was impossible to attend to the second requi-
sition until the actual saving on the Aqueduct and its tail race, works in progress, was ascertained
on their completion.

7. I beg to state that the saving on the Aqueduct itself has been Rupees 578, and that I
anticipate that certainly not less than 3,000 Rupees will be saved out of the Rupees 28,562
allowed in the Estimate for the excavation of the tail race and the channel of approach to the
Tumeliar Aqueduct.

8. The actual excess will then be Rupees 13,437, minus Rupees 3,578 or Rupees 9,859,
which is less than 5 per cent. on the Estimate, and within my power of sanctioning.

9. Under these circumstances I think that Government need not be troubled with an Esti-
mate of an excess that took place four years ago—rather an anomalous document, I beg to observe.

10. The Rupees 9,859, as before, must be taken from the Jail, or the raising of the Anicut, or
the General Funds in Part II. of the Budget for the Godavery; it is impossible to allow the work
to stop without exposing Government to a very great loss, to say nothing of dislocating the naviga-
tion now uninterrupted between Bezvada and Dowlaisheram.

11. I have not taken upon myself to order Lieutenant Smalley to stop the excavation of
the tail race which is so near completion, and beg that Government will name the work from
which the necessary funds should be appropriated.

12. In conclusion, I beg to remark upon the danger of bringing a large expenditure on
itself which Government runs in, not following out the reso-
lution come to in paragraph 10 of its Order as per margin.

13. Although Lieutenant Smalley with my consent has made many temporary inlets and
outlets, and has used other expedients to diminish the danger of the southern part of his canal
being breached through and through after a severe rain-fall, it is quite in the course of things
that what took place in 1862 and 1863 may take place again this year.

No. 64. ORDER THEREON, 3rd August 1864, No. 2,213.

1. The Government do not approve of the mode in which the Superintending Engineer
proposes to deal with the excess over the Estimate which has been incurred upon the Ellore Lock.
It is observed that the original Estimate for the works in the section of the Ellore High Level
Canal, between Perikeed and Dendalore, amounted to Rupees 1,34,835, and supplemental

4. *Government is aware that there has
been*

Proceedings of the Madras Government, Public Works Department,
3rd August 1864.

Estimates aggregating Rupees 64,836 having been subsequently sanctioned, the total estimated cost of the project was raised to Rupees 1,99,671. A further Estimate of Rupees 44,210 has since been submitted for under-tunnels and escapes for cross drainage, and a sum of Rupees 9,859 is stated to be required to meet the excess expenditure on the Ellore Lock. The cost of the project will thus be further raised to Rupees 2,53,740, which is Rupees 53,740 in excess of two lacs, the limit to which the local Government are authorized to sanction works under paragraph 12 of the Budget* rules, and Rupees 33,740 in excess of the sum which they can pass under paragraph 15 of those rules. As the sanction of the Government of India will have to be obtained to the excess, the submission of the Lock Estimate, called for in Proceedings dated 18th November 1863, No. 3,366, paragraph 11, cannot be dispensed with, and Colonel Chambers will be requested to expedite its transmission, as the other Estimates for works in the section under notice, are necessarily incomplete without it.

2. Colonel Chambers will observe that the proposal made in paragraph 10 of his letter is in contravention of the ruling of the Government of India in the Orders† communicated in Proceedings dated 9th May 1864, No. 1,340; but considering the urgency of the works and the danger of deferring them, the Government will not object, as a special case, to the continuance of operations, and they request that he will specify the particular source from which the necessary funds may be diverted, in view to the sanction of the Supreme Government being applied for. It is observed that the Superintending Engineer ought to be better able than the Government to name the source from which the excess is to be met.

(True Extract.)

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

To the Superintending Engineer, 1st Division.
„ Controller and Auditor of Public Works Accounts.

Exd. S. T. Augustin.

No. 605

Superintending Engr. Office
1st Division Wallaw 14th July 1864.

From

St. Colonel Chambers R. E.

Superintending Engineer
1st Division

To

Colonel C. A. Orr R. E.

Secretary to Government.

10 P. 10.

Madras

Sir,

Referring to the orders of Government as per margin, I beg to report specially on the Ellore High Level Canal.

No 3366 of 18th
November 1863.
No 1261 of 14th
July 1864.

2. The sum of the 4 Estimates for this work sanctioned at various periods from November 1856 to December 1862 amounts to Rs 1,99,671-0-0.

3. The expenditure up to 14th May last was Rs 1,95,873, and up to 1st Instant Rs 2,02,894, or Rs 3,223 in excess, that is less than 2 per cent, on the Estimate.

4. Government is aware that there has been

been an excess of Rs 13,437 on one item of the work, namely the Ellore Lock constructed by Mr. Hawkins in 1860 & 61.

5 In para 11 of their order no 3366 of 18th November Government desired that an Estimate for Rs 78,070 might be revised and returned, and that an Estimate for Rs 11,119 (the difference between Mr. Hawkins' excess as before and an anticipated saving on the Tumelair Aqueduct and Tail Race) might be submitted.

6. The first order was complied with, but it was impossible to attend to the second requisition until the actual saving on the Aqueduct and its Tail Race, works in progress, was ascertained on their completion.

7. I beg to state that the saving on the aqueduct itself has been Rs 5,78 and that I anticipate that certainly not less than 3000 Rs will be saved out of the Rs 28,562 allowed in the Estimate for the Excavation of the Tail Race and the

the Channel of approach to the Tumelair Aqueduct. 25

8. The actual excess will then be Rs 13,437 minus Rs 3,578, or Rs 9,859, which is less than 5 per cent on the Estimate and within my power of sanctioning.

9. Under these circumstances I think that Government need not be troubled with an Estimate of an excess that took place four years ago. Rather an anomalous document, I beg to observe.

10. The Rs 9,859 as before must be taken from the Jail, or the Raising of the Amnicut, or the General funds in Part II of the Budget for the Godavery: it is impossible to allow the work to stop without exposing Government to a very great loss to say nothing of dislocating the navigation now uninterrupted between Bejwada and Dowlaismaram.

11. I have not taken upon myself to order at Amalleg to stop the excavation of the Tail Race which is so near completion and beg that Government will

name the work from ^{which} the necessary funds should be appropriated.

12. In conclusion I beg to remark upon the danger of bringing a large expenditure on itself which Government runs in not following out the resolution come to in para 10 of its order as per margin.

13. Although at Smalley with my consent has made many temporary inlets and outlets and has used other expedients to diminish the danger of the southern part of his Canal being breached through and through after a severe rainfall, it is quite in the course of things that what took place in 1862 and 1863 may take place again this year.

No 3356 of 18th
November 1863

I have the honor to be

Sir,

Your Most obedient servant

Wm. Chambers Esq
Superintending Engineer 1st Division

Public Works Dept 9

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crop drainage, & a sum of

1864
The Superintendent Eng.
M. Division

To the Secretary to Govt
S. 1. 12

Dated 14 July 1864
No. 15-8
Recd. 20 ..

no 605
Enclosure here

Reports specially on
the Ellore High level
Canal and begs that
Government will name
the work from which
the necessary funds
should be appropriated
for excavating a tail
Race and cut of approach
to the Tunnel's Aqueduct.

No. 13.

27 July 1864

2213-307 August 1864-

Superintending Engineer

2213 Public Works Dept 9

No. 2213

Proceedings of the Madras Government

Under date the 2nd Aug 1864

Read the following letter
from the Chief Engineer 1st Division

Reports specially on the Ellore
High level Canal and begs that Govt.
will name the work from which the
necessary funds should be appropriated
for excavating a tail Race and channel
of approach to the Tunnel's Aqueduct.

Here enter 14 July 1864 No 605

The Govt. do not approve of
the mode in which the Chief
Engr. proposes to deal with the excess
over the estimate which has been
incurred upon the Ellore Lock.

The Government cannot
approve of the mode of proposed
work as it is not in accordance with
the original estimate for the works in the
section of the Ellore High Level
Canal between Perikud &
Dindalov amounting to Rs.
1,34,835, & supplemental estimate
aggregating Rs 64,836 having
been sanctioned, the total es-
timated cost of the project
was raised to Rs 1,99,671. A
further estimate of Rs 44,210
has since been submitted for
under-tunnels & escapes for
crop drainage, & a sum of

Rs 9859 is stated to be required
to meet the excess expenditure
on the Elmore Lock. The cost
of the project will thus be further
raised to Rs 253,740, which is
Rs 53,740 in excess of two
lacs, - the limit to which the
local governments are authorized
to sanction works under Para
12 of the Budget Rules, & + see G.O. 27 ad.
Rs 53,740 in excess of the
sum which they ^{can} pay ~~are~~
~~imposed~~ to pay under Para
15 of those Rules. As the
sanction of the Govt of India
will have to be obtained to
the excess, the gross submission
of the Lock's estimate, called
for in No. of 18 Nov'63,
16366, Para 11, cannot be
dispensed with, & Colr Chambers
will be requested to expedite
its transmission, as the other
estimates for works in the
section under notice, are necessarily
incomplete without it.

Col. Chambers will

observed that the proposal made in Para 10 of his letter is in Contravention of the ruling of the Govt. of India in the ^x orders communicated in Pro. of 9 May 64, No 1340; But considering the urgency of the works & the danger of deferring them, the Govt. will not object, as a special case, to the continuance of operations, & they request that ~~that~~ ^{he} officers will specify the particular source from which the necessary funds may be ~~be~~ ^{be} diverted, in view to the sanction of the Supreme Govt. being applied for. It is observed that the Superintender ought to be better able than the Govt. to name the source from which the exps is to be met. *Ans*

✓

2. Cont. & Ind. of the Acad.

Def. 4th August -

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[Handwritten signature]

Ms. A.9.2.6 v.10
P. 187A & B