

(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. 844-65

Press
Mis.

518-24

Dated 20/3/18

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
21st March 1871.*

Read the following papers:—

No. 518. From the Acting Superintending Engineer, 1st Division, to the Chief Engineer for Irrigation, dated Dowlaishweram, 6th February 1871, No. 3,711.

ADVERTING to G. O. of the 18th November last, No. 2,770, I have the honour to submit the design and estimate, amounting to Rupees 14,000, for constructing the weir as proposed by you in the old Nundamoor lock channel, close to the left bank of the Weyairoo river.

- 1 Plan.
- 1 Estimate.
- 1 Copy of docket, No. 818, dated 25th January 1871, from Executive Engineer, No. III. Range, Godavery.

By baughy.

2. I have increased the item for baling, as the foundations have to go so deep below the river bed, and we shall probably have a good deal of water to get rid of.

3. Copy of Mr. Rundall's docket forwarding the above design, etc., is herewith enclosed.

No. 40.

No. 519. *Note by the Chief Engineer for Irrigation.*

THE revised design and estimate, amounting to Rupees 14,000, for an additional surplus weir below Chettipett, and to discharge in the Weyairoo below the Nundamoor aqueduct, is recommended for sanction. The required dimensions and other details were settled when I was in the Western Delta, after full discussion.

2. The holding-down bolts for the bars carrying the screw gearing should be anchored to a stone or a plate $4\frac{1}{2}$ feet to 5 feet below the level of the crown of the arch, or the masonry will be liable to disturbance.

3. I would suggest that this estimate, after approval by Government, be submitted to the Government of India as part of the completion estimates for the Western Section of the Godavery Delta.

FORT SAINT GEORGE,
14th February 1871.

(Signed) J. MULLINS, Major, R.E.,
Chief Engineer for Irrigation.

No. 520: ORDER THEREON, 21st March 1871, No. 844.

IRRIGATION, No. 45.

THE Government approve of the revised estimate, amounting to Rupees 4,000, for constructing an additional surplus weir, of five bays of 9 feet each, for regulating the water at the head of the Ellore Canal and for aiding the Chettipett weir in disposing of flood waters. The

J. E. Superintending Engineer

Proceedings of the Madras Government, Public Works Department
21st March 1871.

estimate will be submitted for the sanction of the Government of India, in connection with the general estimates for the Western Section of the delta, which have recently been forwarded for the consideration of His Excellency the Governor-General in Council.

(Here enter No. 845, dated 21st March 1871.)

(True Extract.)

(Signed) J. G. RYVES, Captain, R.E.,
Acting Joint-Secretary to Government.

To the Superintending Engineer, 1st Division.
.. Controller of Public Works Accounts.
.. Chief Engineer for Irrigation.

Ed. E. C. Shunker.

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, 21st March 1871.

No. 521.

No. 845.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,

PUBLIC WORKS DEPARTMENT.

IRRIGATION, No. 46.

SIR,—I am directed to transmit, for the consideration of the Government of India, an estimate, amounting to Rupees 14,000, for constructing an additional surplus weir near the head of the Ellore Canal in the Western Section of the Godavery Delta. The Main Canal on this side of the river receives a considerable quantity of land drainage, and up to the present time the only way of disposing of this has been at the Chettipett weir, 6 miles from the head of the Main Canal. It was at one time in contemplation to divert the land drainage, or a great part of it, and to turn it into the Yerracalwa, and this arrangement, if practicable at a moderate cost, would have been adopted. It was found however that the levels were not favourable, and the best alternative appears to be to pass these waters out of the canal and into the Weyairoo below the Nundamoor aqueduct. The Chettipett weir has ten openings or bays of 10 feet each in addition to a "tambogy" or low level sluice, and from the information derived from the experience of the water levels at this point it has been considered by the Chief Engineer for Irrigation that an additional weir, having a crest of 45 feet in length, will suffice to give complete control over the water, while, on the other hand, when repairs are required to either weir, the other will be capable of passing irrigation water into the Weyairoo.

2. I am instructed to transmit also the Proceedings of this Government as per margin, in which the discussions which have taken place, since the necessity for a weir was first brought to notice, will be found.

G. O., No. 2,300, dated 23rd September 1870.
.. .. 2,770, .. 18th November ..

3. This estimate I am to point out should have been included in the general estimates of the Western Section of the delta, but it was not received in time from the division.

I have the honour to be,

Sir,

Your most obedient servant,

(Signed) J. G. RYVES, Captain, R.E.,
Acting Joint-Secretary to Government.

Ed. E. C. Shunker.

Ed. E. C. Shunker.

No 3711

Superintending Engineer's Office
Dowlaconnam 5 February 1870

From

Mr. Asst. Superintending Engineer
1st Division

To, The Chief Engineer for
Irrigation
Madras.

Sir,

According to G. O. of the 18th November
last No 2770, I have the honor to submit the
design and Estimate, amounting to Rs 11,000
for constructing the Weir as proposed by you
in the old Nundamoor Lock Channel, close
to the left bank of the Weyairoo river —

2. I have increased the item for hauling,
as the foundations have to go so deep below
the river bed, and we shall probably have
a good deal of water to get rid of.

3. Copy of Mr. Randall's docket forwarding
the above design is herewith enclosed.

I have the honor to be

Sir

Yours Most Obedt Servt.

W. T. Scher. Major.

Asst. Superintending Engineer 1st Division

2 1/2 inches
not in record.

Camp
No 818
From
The Dykes
on Western Delta Range
To, The Superintendent, Eng.
1st Division

Dated 25 January 1871
Received

Enclosures
Subject

G. O. No 2770 Dated 18th
November and G. O. Memo
No 2887 of 28th November
Dues to form and plan
and Estimate for the work
to be done at Munda Moor, as
called for above, prepared
in accordance with instruc-
tions

No 3711

Chief Engineer
1st Division
for Chief Engineer
for Migration

Chief Engineer
1st Division
for Migration

No 73571

Chief Engineer
1st Division
for Migration
to the left bank of the
River at Munda Moor

Chief Engineer
1st Division
for Migration

Chief Engineer
1st Division
for Migration

No 518

received
from Mr. J. P. Mullins

10th July 1871
De. Col. J. P. Mullins

1 Enc. Copy

W. H. Mullins

W. H. Mullins

Encls- 4

No. 40

Note by the Chief Engineer for Irrigation

The revised design and estimate, amounting to Rs. 14,000, for an additional surplus weir below Chettipett, and to discharge in the river below the Vandamora aqueduct is recommended for sanction. The required dimensions and other details were settled when I was in the Western Delta, after full discussion.

2. The holding down bolts for the bars carrying the screw gearing should be anchored to a stone or a plate $4\frac{1}{2}$ feet to 5 feet below the level of the crown of the arch, or the masonry will be liable to disturbance.

3. I would suggest that this estimate, after approval by Government, be submitted to the Government of India as part of the completion estimates for the Western Section of the Godavari Delta.

W. H. Mullins
Chief Engineer for Irrigation
14th July 1871

W. J. P. 1880

70

From The Chief Engineer
for Irrigation }

H. E. No 720 of 14th February 1911

10

Rp. 1290,640

1204329
331.
—413C415

John D. Williams

The Chief Engineer

For Sanitation

The Secretary to
Frank Pitts

dated 14th

Dec 1871

2-1140

Recommends for sanction

a revised design and
patented accordingly &

No more for an addi-

Stenale pugilum, murei, loban

Chetford

100-10157-10158

10579

234/11.13. 74

western section of the Delta,
which have recently been
forwarded for the con-
sideration of His Ex-
cellency the Governor
General in Council.

No. 865
The Secy. to the Govt.
of India P. W. S.

Sir

I am directed to
transmit for the consi-
deration of the Govt. of
India an estimate amounting
to Rupees 14,000 for con-
structing an additional
surplus weir near the
head of the Ellore Canal,
in the western section
of the Godavery Delta.
The main Canal on this
side of the river receives

32
4
To the Sup. Engrs. 1. Du.
Controller P. W. Accts.
Chief Engrs. for Sargur
Decr. 23rd March 1911

a considerable quantity
of land drainage, and up
to the present ^{time} the only way
of disposing of this has
been at the Chettipett
weir, 6 miles from the
head of the main Canal.
It was at one time in
contemplation to divert
the land drainage, or a
great part of it, and to
turn it into the Gerra-
calwa, and this arrange-
ment, if practicable
at a moderate cost,
would have been adopted.
It was found however
that the levels were not
favorable, and the best
alternative appears to be
to pass these waters
out of the Canal and
into

into the Weizaire below
the Pandamoor aqueduct.

2300 g 23° Sept/70
 " 2770 g 18° Nov/70

2. I am instructed to transmit, also, the Proceedings of this Court as per margin, in which the discussions which have taken place, since the necessity for a war was first brought to notice, will be found.

3. This estimate I am
to point out should
have been included
in the general estimate
of the expenditures of
the Delta, but it was
not received in —
time from the Provin-

Aug. 18/2/71

Supp. 28 March 1911
Head of the ...
... ..

2.10.19

20-12-22

735

Govt of India

PUBLIC WORKS.

The Supt. Engg.
Divn.

To the Secretary to the
Govt of India

Date

Ref.

21

C. O. 21/1/1871. 844 4845

Nov. 5/8 @ 520 1521

Encl. No. 1. The Revised
estimate of Rs. 14,000 for con-
struction an additional surplus
near the head of the
Karnal in the Western
section of the Ganges Delta,
mentioned with remarks.

The forwarding for con-
sideration an estimate of Rs.
14,000 for the construction of
an additional surplus near
head of the Karnal in the
Western section of the Ganges Delta.