(1) Number of pages 90.

(2) Date of repair June. 83

(3) Initials of the Referencer bnd

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W.D. DEPARTMENT

G.O. No. / B.P. No.	698. W.	Press. / Mis.
Dated	5.3.1883	198

Not to be folded or roughly handled.

Archives —I 10,006-9 86

698/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

No. 21.

READ—the following letter from Colonel H. L. PRENDERGAST, R.E., Superintending Engineer, Fifth Circle, to the Chief Engineer, Public Works Department, dated Chepauk, 1st March 1883, No. 4221 :—

1 Estimate, detailed and abstract.
1 Specification.

I have the honor to submit, for sanction, an estimate of Rs. 19,380 for constructing a flood-gate at the junction of the Buckingham Canal with the Ennore lake in lieu of the estimate of the same amount submitted with my letter, No. 2448, of the 7th October 1882.

2. The present estimate provides for the substitution of Madras cement for Soorkee, and the cut laterite coping, the granite stone facing, and a part of the granite flooring are thereby not necessary. The Executive Engineer is anxious to obtain early sanction to enable him to put the work in hand early next year in conjunction with the diversion from mile $7\frac{1}{2}$ to 11, sanctioned in G.O., No. 881 W., of 3rd April 1882.

No. 22.

ORDER—dated 5th March 1883, No. 698 W., Public Works.

The estimate, amounting to Rs. 19,380, for constructing a flood-gate at the junction of the Buckingham Canal with the Ennore lake is sanctioned against the annual grants to the Buckingham Canal.

2. This sanction has been registered as Provincial No. 254 W. of 1882-83 and classified as 33, Irrigation and Navigation Works for which Capital and Revenue Accounts are kept, Capital Works.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Superintending Engineer, First Circle, with 2 Enclosures.
" Examiner, Public Works Accounts, with Abstract Estimate.
" Chief Engineer for Irrigation.
" Board of Revenue.

Encl. 0. Howarth.
Spare Copies

BUILDINGS AND ROADS,
CIVIL WORKS.

Govt. of (1883) Madras.

PUBLIC WORKS.

Dated March, 5th.

Read. *Ent*

G.O., 5th March 1883, No. 698 W

MARCH.

Nos. 21-22.

Buckingham Canal

An estimate for constructing a flood-gate a the junction of the — with the Ennore lake sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

No. 1.

READ—the following letter from Colonel H. L. PRENDERGAST, R.E., Superintending Engineer, Fifth Circle, to the Chief Engineer, Public Works Department, dated Chepauk, 18th March 1882, No. 1406.

3 Estimates with duplicate Abstracts.
17 Sheets of Levels.
6 Do. of Surveys.

I have the honor to submit, for sanction, estimates for improvements to the Buckingham Canal, viz.:—

	Rs.
For a diversion of the canal from the lock at 7¼ miles from Madras to the 11th mile at Ennore	43,250
Diversion of the canal from 65 miles 5 furlongs to 72 miles 2 furlongs at Dugarázpatnam	76,000
Diversion of the canal from 177 miles to 177 miles 7 furlongs at Thondern	11,150

2. The diversion from the Shadienerpam lock to Ennore is 3 miles in length. The arrangements have been proposed according to Captain Awdry's report of inspection in June 1880. The object is to provide a canal that shall be protected from the natural drainage; and to avoid the difficulty experienced in maintaining a deep channel through the open backwaters. The canal will be taken to the eastward of the backwaters, till it opens into the lake at Ennore, where it will be protected by a flood gate. On the west side the bank will be raised to full height, as it is necessary to provide against the floods of Kortalayár. The flood gate required at the north end will be provided for in the general estimate.

3. At 65 miles 5 furlongs the diversion is taken to the west of the present line, so as to cross the Ellore calva, the Dugarázpatnam river, and the Tupili calva, joining the old line 6⅝ miles on, at 72¼ miles. The arms of the backwater are to be banked across; but flood gates are to be provided on both banks of the Dugarázpatnam river. This is the drainage which is noticed in paragraph 20 of the Chief Engineer's observations of April 1880. From the south end to the Dugarázpatnam river the diversion will be banked to full height on both sides; to the north of the river the east bank will be raised to full height, while the west bank need not be above the level of the towpath. Provision remains to be made in the general estimate for a siding at Dugarázpatnam and for the flood gates near the river banks.

4. At 177 miles the diversion is taken to the east, and brought in to the present canal 7 furlongs [illegible] of this diversion is to keep away from the Thondern river, leaving that to carry off the drainage. The diversion will have to be embanked on the west side only; the small drainage on the east side being taken into the canal through simple openings.

No. 2.

Order—dated 3rd April 1882, No. 881 W., Public Works.

The undermentioned estimates, amounting to Rs. 1,29,400, for improvements to the Buckingham Canal, are sanctioned :—

(1) Diversion of the canal from the lock at 7¼ miles from Madras to the 11th mile at Ennore	Rs. 42,250,	Register No. 1/1 of 1882-83.		
(2) Ditto from 65 miles 5 furlongs to 72 miles 2 furlongs	„ 76,000,	„	„ 1/2 of	„
(3) Ditto from 177 miles to 177 miles 7 furlongs at Thonderu	„ 11,150,	„	„ 1/3 of	„

2. The work will be carried out from the budget grant for the Buckingham Canal.

3. This sanction has been registered as Provincial No. 1/1, 2, 3 W. of 1882-83, and classified as 33, Irrigation and Navigation, Works for which Capital and Revenue Accounts are kept, Capital, Works.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, Fifth Circle, with twenty-seven enclosures.
„ Examiner, Public Works Accounts, with three duplicate Abstract Estimates.
„ Chief Engineer for Irrigation.
„ Board of Revenue.

Exd. S. T. Austin.
Spare Copies.

618/3

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [illegible] grants.

PUBLIC WORKS.

To

The SUPERINTENDING ENGINEER,
FIFTH CIRCLE.

&c. &c. &c.

Dated April, 1882.

Issued

Read

Encl.

G.O., No. April 1882, No. and Nº.

APRIL.
Nos. 1-2.

Buckingham Canal.—Sanctions estimates amounting to Rs. 1,20,400 for improvements to the—.

Enclosures.

SUPERINTENDING ENGINEER'S OFFICE,
5TH CIRCLE, MADRAS,
Chepauk, [illegible] 188[illegible].

No. [illegible]

From

THE SUPERINTENDING ENGINEER,
5TH CIRCLE,

To

THE [illegible]

SIR,

698/6

From

The Superintending Engineer,

Irish Circuit,

To

The Secretary P.W.D.

Dated 1st
Read } March 1883

Enclosure 2.

Abstract

of Land gate at the junction of Buckingham Canal with the Ennore Lake — Submitted for sanction an estimate for Rs. 19,050 for constructing a —

1884

Ir 1v

1958 C/V

The accompanying estimate is in lieu of one for the same work included in the general estimate of the Buckingham Canal, now under for. In the event of it being considered that the estimate may be sanctioned without comparative statement the superintendent's plan noticed by the Secretary Branch, the draft order submitted might perhaps run thus?

Abstract dated 5th March 1883

Approved

C A M

Under the circumstances I have initialled the draft.

3/3/83

Public Works Department. 188 .

Current No. 1884

Letter No. 223

Dated the 2nd March 83.

From the Supt. Engr. Circle.

Note of Remarks.

The accompanying revised estimate is submitted for the construction of a flood gate at the junction of the Buckingham Canal with the Ennore Lake and for the erection of a bridge over the same.

2. The submission of the present revised estimate is necessitated by the substitution of steel girders for wooden ones, thereby rendering unnecessary the cut to be made in the granite stone facing and a part of the granite flooring.

3. Neither Public Road nor Railway Level Crossing is affected.

4. Plans are filed.

2nd March 83

[illegible]

Public Works Department, 188 8 .

Current No. 1824

Letter No. 1681

Dated the 12th December 83.

From the Exec. Engr. 5th Circle

Note of Remarks.

1. The accompanying tender is recommended for the construction of standing at the Perumbakkam tank bund. The lowest tender received for the work is that of Rs. 1938 offered by the Contractor himself after reporting estimate
2. The submission of the present tender is necessitated by the subdivision of Madras received for Workers, thereby rendering unnecessary the cut to waste opening the granite stone facing and a part of the granite flooring.
3. Neither plan nor comparative statement has been submitted.
4. Rates are fair.

2nd March 84

83

C. No. 1804

P. W. Secretariat.

Note by Budget Section.

698/8

Work

Remarks and References.

Construction of Road from the Anuradhapura Canal to the Nuwara Lake

Fund Provincial

Service Head 33 Irrigation Works for which Capital Outlay has been Provided

Departmental Head Executive Engr.

Amount of Estimate (Revised) ... ... Rs. 17370

Expenditure in previous year ... ... ,, —

Allotment in current year ... ... ,,

Balance required to complete ... ... ,, 17370

Total Rs. ———

Note of available funds.

Provision for this estimate is included in the Annual Budget Estimate for the current year. The work is proposed to be carried out this year.

Budget Clerk.

Note by Budget Section.

No. 1958 of 5th March 1853.

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT

dated the 5th March 1853.

Read the following

698/9

From the S.S. Superintendent P.W. No. 4221 dated 1st December 1852.

The estimate
amounting to Rs. 19,330
for constructing a flood
sluice at the junction
of the Buckingham Canal
with the Ennore Lake
is received with
the annexed plan
A. The Buckingham Canal.
Main sluice
2. Lake regulating
Sluice No. 1 & 2
Channel 33 Rupees
Masonry, work for
which Estimate Revenue
Accounts Estimate
Works. Rs
Rs 19,330

S.S. Superintendent with 2 encls, 8
Surveyor, with advice 11
Ch. S. Engr. 11
Board's letter 11 Regd 3/3

698/20

Copy

Cost of [illegible] Locks
PUBLIC WORKS

Dated 6/3 1871

Rec'd

[illegible] Rec'd

[illegible] Rec'd

No. 24-22

Buckingham Canal

An estimate for con-
-structing a flood gate
at the junction of the
with the Illinois Lake,
Rockport

75-
5

Entered in the Receipt Book