Archives I 10,006—16-8 77.

(1) Number of pages 16

(2) Date of repair Feb 1987

(3) Initials of the Referencer LVM

# TAMIL NADU ARCHIVES

## GOVERNMENT OF TAMIL NADU

P N DEPARTMENT

| | | |
|---|---|---|
| G.O. No. / ~~B.P. No.~~ | 885 (W) | Press. / Mis. |
| Dated | 3.4.1882 | 19 . |

*Not to be folded or roughly handled*

885/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

No. 9.

Read—the following letter from Colonel H. L. PRENDERGAST, R.E., Superintending Engineer, Fifth Circle, to the Chief Engineer, Public Works Department, dated Chepauk, 23rd March 1882, No. 1461.

3 Detailed Estimates with Abstract Estimates.
3 Duplicate Abstracts.
18 Sheets of Levels.
2 Do. of Survey.

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

| | Rs. |
|---|---|
| For diversion of the canal from 27½ miles at Coromandel to Thettapet, at 36 miles ... ... ... ... ... ... | 99,000 |
| For improvements to the canal from 36½ miles to the 38th mile... | 7,350 |
| For diversion of the canal from 97½ miles to 97 miles 7 furlongs and for a new cut for a drainage channel between 95 miles 5 furlongs and 96 miles 7 furlongs ... ... ... ... | 6,340 |

2. With a view to isolate the canal from the open Pulicat lake, and to take it sufficiently away from the border of the lake, the estimate provides for a new canal 8½ miles in length. The bank on the west side will be made up to the full standard section. On the east side the bank need only be made to tow-path level. There can be but little land drainage, and this will be received into the canal by open cuts. It is intended to provide hereafter, in the general completion estimate, for a head sluice, in the west bank at 36 miles, to produce a scour in the channel down to the 28th mile, as proposed in paragraph 17 of the Chief Engineer's observations of April 1880. It is also proposed to provide, in the completion estimate, for a flood gate at the southern end of this section of the canal.

3. In the 37th and 38th miles the only work proposed consists in clearing the bed to full depth, raising the west bank to 4 feet above highest water level, and providing a towing-path on both banks.

4. In the 98th mile it is proposed to make a diversion and cut a new canal for a length of rather more than half a mile, as approved upon Captain Awdry's report of inspection of June 1880. Both banks of the canal are to be made up to the full standard height. The estimate includes also a drainage channel on the west for a length of a mile and a quarter. This drainage channel is to have a bottom width of 15 feet, the excavation will be thrown on the east side to make up the canal bank; on the west side the channel will be open to carry off the land drainage.

No. 10.

Order—dated 3rd April 1882, No. 885 W., Public Works.

The undermentioned estimates, amounting to Rs. 1,12,690, for improvements to the Buckingham Canal, are sanctioned:—

(1) Diversion of the canal from 27½ miles at Coromandel to Thettapet at the 36th mile ... ... ... ... ... Rs. 99,000, Register No. 2/1 W. of 1882-83,

(2) Improvements to the canal from 36¼ miles to the 38th mile ... ... Rs. 7,350, Register No. 2/2 W. of 1882-83.

(3) Diversion of the canal from 97½ miles to 97 miles 7 furlongs and for a new cut for a drainage channel between 95 miles 5 furlongs to 96 miles 7 furlongs. „ 6,340, „ „ 2/3 W. 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. 2/1, 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-three enclosures.
„ Examiner, Public Works Accounts, with three duplicate Abstract Estimates.
„ Chief Engineer for Irrigation.
„ Board of Revenue.

Exd. S. T. Austin.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1882} Madras

PUBLIC WORKS.

To

The SUPERINTENDING ENGINEER,

FIFTH CIRCLE.

&c. &c. &c.

Dated April, 3rd

Rec'd. Encl.

G.O., 3rd April 1882, No. 885 W.

APRIL.
Nos. 9-10.

*Buckingham Canal*.—Sanctions estimates, amounting to Rs. 1,12,690, for improvements to the —.

C. No. *P. W. Secretariat.*

885/3

**Note by Budget Section.**

| Work | Remarks and References. |
|---|---|
| Improvements to the Buckingham Canal | |

Fund ... Provincial

Service Head 33 Irrigation & Navigation for which Cap. & Rev. accts. are kept

Departmental Head C. Works ...

Amount of estimate ... ... ... ... Rs 112690

Expenditure in previous year ... ... ,, "

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

Balance required to complete ... ... ,, "

Total Rs... 4

Note of available funds.

The work is classed as Protective Irrigation & Navigation & according to ruling of the Govt of India the Budget Estimate for Irrigation & Navigation works should provide the necessary funds in like manner as is provided for Agricultural works - Vide G.O. No 531 W dy 1st March 82

28/3

Budget Clerk.

Note by Budget Section.

8552

SUPERINTENDING ENGINEER'S OFFICE,

No. 1461. 885/8 5 Circle, MADRAS,
Chepauk, 23rd March 1882.

From Capt. H. L. Pendergast. R.E.
SUPERINTENDING ENGINEER,
5 CIRCLE,

To THE Chief Engineer
D.P.W.

SIR,

Enclosures. 26.
3 Detd. Estimates
Abstracts.
3 Dup: Abstr.
18 Sheets of Cash
2 Do. of Survey.

I have the honor to Submit for Sanction Plans and Estimates for improvements to the Buckingham Canal Viz.

For Diversion of the Canal from ——— Miles 27½ at Coromandel to Thettapettai - 36 Rs. 99.000

For improvements to the Canal from 36½ mile to the 38 mile ——— Rs. 7350.

For diversion of the Canal from 97½ mile to 97 M 7 F; and for a new cut for a drainage channel between 95 M 5 F and 96 M 7 furlongs ——— Rs. 6340

2. With a view to isolate the Canal

canal from the open Pulicat lake, and to take it sufficiently away from the border of the lake, the estimate provides for a new canal 8½ miles in length. The bank on the West side will be made up to the full Standard Section. On the East side the bank need only be made to tow-path level. There can be but little land drainage, and this will be received into the Canal by open cuts. It is intended to provide hereafter, in the general completion estimate, for a Lead-Sluice, in the West bank at 36 mile, to produce a scour in the Channel down to the 28 mile: as proposed in para 17 of the Chief Engineers observations of April 1880. It is also proposed to provide, in the completion estimate, for a flood gate at the southern end of this Section of the Canal.

3 In the 37th and 38 miles, the only work proposed consists in clearing the bed to full depth, raising the West bank to 4 feet above highest water level, and providing a towing-path on both banks.

885/5

4 In the 98th mile, it is proposed to make a diversion, and put a new canal for a length of rather more than half a mile, as approved upon Captain Awdry's Report of inspection of June 1880. Both banks of the Canal are to be made up to the full Standard height. The estimate includes also a drainage channel on the West, for a length of a mile and a quarter. This drainage channel is to have a bottom width of 15 feet: the excavation will be thrown on the East side to make up the canal bank; on the West side the Channel will be open to carry off the land drainage.

I have the honor to be
Sir
Your Most Obedt Servant
Alex Skene Lt Colt RE
Superintending Engineer
5 Circle

From

The Superintending Engineer,

5 ~~1st~~ Circle,

To

The Chief Engineer
P.W. Deptt
Madras.

Dated 23rd March 1882.
Recd.

Enclosures. 26. (26 Plans)

No. 1461.

Improvements to the
Buckingham Canal.

Submits for sanction estimates for

Cir 31-3-82 Rt. 3/4

No. 883 W. 884

Bft
Clarke

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 3 April 1882

Read the following :—

From the Supty. Engr. 5 Circle N.C. No. 1461 of 23rd March 82

The undermentioned estimates amounting to Rs 112,690, for improvements to the Buckingham Canal are sanctioned :—

(1) Diversion of the Canal from 27½ miles at Coromandel to Thettapett at the 36¼ mile
Rs 99,000. Register No 2/1 W of 1882-83

(2) Improvements to the Canal from 36¼ miles to the 38th mile.
Rs 7,350 - Register No 2/2 W of 1882-83

(3) Diversion of the Canal from 97½ miles to 97 miles 7 furlongs and for a new cut for a drainage channel between 95 miles 5 furlongs to 96 miles 7 furlongs.
Rs 6340 - Register No 2/3 W of 1882-83.

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

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

30-3-82.

31/3/82

To The Sr. 5th circle with 23 encls.
" Ex. P. W. Accounts with 3 Supte abst. Estes
" Chf. Engr for Irrn
" Board of Rev.

Despd 21-4-82

Cir 21-3-82 Kt. 3/4

P. W. DEPARTMENT—1881-82.

~~MEMORANDUM.~~

8815/7

Current No. 1936.

Letter Number 1161.

dated the 23rd March 1882.

from the Supg. Engineer 5th Circle.

Note of Remarks.

The Estimate with Surveys Sections & Reports for Improvements to the Buckingham Canal amounts to Rs 99,000, Rs 7,350 & Rs 6340. respectively, as follows.

1- Diversion of the Canal from 27½ miles at Coromandel to Thellapelli at 36th mile ——— Rs 99,000.

2- Improvements to the Canal from 36½ mile to the 38 mile ——— " 7,350.

3- Diversion of the Canal from 97½ miles to 97th mile 7 furs & for a new Cut for a drainage Channel between 95 miles 5 furs & 96 miles 7 furs — " 6340.

112640

The Estimates provide for Earth Work Cuttings & banking, Turfing, Planting, Cleaning silt &c & providing a tow path on each side of the bank &, includes also a drainage Channel on the West for a length of a mile & a Quarter.

Land Compensation has been included in the Estimate.

The Rates were over less agree with the Dist Schedule.

27th March 82.

1936

Govt. of (1881) Madras.

PUBLIC WORKS.

To

Dated 1/4

Issued

Recd. Encl.

G. O., 3d April 1882 No. 883

Nos. 9 to 10

Buckingham Canal

Sanctions estimate amounting
to Rs. 7,12,690 for improvements
to the ——

Entered in Receipt Register

Ex 4/4