(1) Number of pages 18

(2) Date of repair 4-82

(3) Initials of the Referencer [illegible]

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

PUBLIC WORKS DEPARTMENT

G.O. No. / B.P. No.	2221-W	Press. / Mis.

Dated 30.8.1882 19

M4

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Archives 1—10,006—19-4-79.

1/2221

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

No. 186.

READ—the following letter from Colonel H. L. PRENDERGAST, R.E., Superintending Engineer, Fifth Circle, to the Chief Engineer, Public Works Department, dated Madras, 14th August 1882, No. 1813 :—

With reference to your memorandum, No. 3869, dated 16th December 1879, I have the honor to submit an estimate of Rs. 95,400 for improvements to the Madras Basin on the Buckingham Canal.

1 Estimate.
1 Survey.
3 Sheets of cross sections.
1 Enlarged section of wharf-wall.
1 Plan of culvert.
1 Section of boat channel.
1 Old plan.

2. By the arrangements now proposed there will be no interference with the Government lime-kilns; but by means of a short cut from the canal at the north end of the lime-kiln ground, the shell boats will come round into a lay-by to the west of the kilns, so as to be out of the way of the traffic on the canal.

3. It was intended in 1879 to have a lay-by along the west bank of the canal up to the railway bridge, and a wharf-wall on the east side for a length of 1,550 feet. The former plan is sent for comparison. It is now proposed to have the wharf extended on the east bank to a length of 2,480 feet, that is, from the basin bridge to the ditch of the railway embankment, and to leave the west bank alone. The tendency of the traffic will all be to arrive at, and depart from, the east side, on which the town lies; and probably there will be no demand for more wharfage on the west bank, though this can be provided at any future time.

4. The wharf-wall is aligned so as to allow of boats 60 feet long being moored end on, while empty boats can also lie on, the other side. A landing 6 feet in width is given; then there is a rise of 4 feet by steps to the general ground level, which is 6 feet above mean sea, or $2\frac{1}{2}$ feet above high flood level. A gravelled space 22 feet in width is provided for wharfage, and beyond that a roadway 18 feet wide with four cross roads giving access to the main, Korkapet, road. A belt of land 30 feet in width is also taken in to the east of the wharf road to allow for expansion hereafter.

5. The estimate provides for the extension of a drainage culvert close to the basin bridge, Rs. 1,456; and for the purchase of private lands and private lime-kilns Rs. 8,350. Special supervision is entered in the estimate for an overseer, two maistries, and a clerk for three years at a total cost of Rs. 3,780.

6. The wharf-wall is designed to have foundations of concrete, with a protecting row of piles; the wall to be built of stone concrete in Morgan's cement, and the crest to be of cut granite 9 inches thick. The steps are to be of laterite laid in cement and built of concrete. The ground is to be enclosed by palisading of granite slabs and cross rails, inside which a quickset hedge will be planted.

No. 187.

ORDER—dated 30th August 1882, No. 2221 W., Public Works.

The estimate, amounting to Rs. 95,400, for improvements to the Madras Basin on the Buckingham Canal, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No. 88 W. of 1882-83 and classified as 33, Irrigation and Navigation Works for which Capital and Revenue Accounts are kept, Capital Works.

(True Extract.)

Under Secy. to Govt., P.W.D.,
Irrigation Branch.

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

Exd. S. T. Austin.
Spare Copies

2/2221

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1882} Madras.

PUBLIC WORKS.

Dated August, 30th.

Read. *Encl.*

G.O., 30th Aug. 1882, No. 2221 W.

AUGUST.

Nos. 186-187.

Buckingham Canal.

Estimate amounting to Rs. 95,400 for improvements to the Madras Basin on the —, sanctioned.

Public Works Department, 1882-83. 3/2221

Current No. 5489.

Letter No. 1813.

Dated the 14th August 1882.

From the Supg Engr Fifth Circle.

NOTE OF REMARKS.

The Estimate with Survey & Sections for the Improvement to the Madras Basin on the Buckingham Canal, Amount to Rs. 95,400.

The Estimate provides for a Wharf Wall on the Eastbank to a length of 2480 ft from the Basin bridge to the ditch of the Railway Embankment, a landing 6ft in width is given & then a rise of 64ft by 16 steps to the general ground level which is 6ft above mean sea, or 2½ ft above high flood - A gravelled space 22ft in width is provided for Wharfage & beyond that a roadway 18ft wide with Cross roads.

Provision has been made in the Estimate for the Alteration of a drainage Culvert to the Basin bridge, Rs 1456. & for the purchase of private lands & private lime Kilns Rs. 8350 - Railing Rs. 2500. Special supervision is Entered in the Estimate for an Overseer

2.

2 Maistries & a Clerk for 3 Years, at a Cost of Rs 3780.

The Rates entered here or less agree with the District Schedule.

18th August 82

P. W. Secretariat.

C. No. 5489

4/221

Note by Budget Section.

Work: Improvements to the Madras Bavison the Buckingham Canal

Remarks and References.

Fund Provincial

Service Head 33 Irrigation and Navigation for which Capital Acct Rev. Accounts are kept.

Departmental Head Capital Works

Amount of estimate ... ... Rs 95400

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

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

Balance required to complete ... ... " 95400

Total Rs... 95400

Note of available funds.

No funds are available for the work in question in 1882/83.

18/8/82

Budget Clerk.

No 1813

From

Supt Engr Office
5th Circle
Madras 14th August 82

G/222

Lieut H. L. Prendergast R.E.
Superintending Engineer
5th Circle

To

The Chief Engineer
S. D. D.

Sir

Enclosures
1 Estimate
1 Survey
3 Sheets of cross sections
1 enlarged section of wharf wall
1 Plan of Culvert
1 Section of boat Channel
1 old plan

With reference to your Memo No 3869 dated 16th December 1879 I have the honor to submit an estimate of Rs 95400 for improvements to the Madras Basin on the Buckingham Canal

2. By the arrangements now proposed there will be no interference with the Government Lime Kilns: but by means of a short cut from the Canal at the North end of the Lime Kiln ground, the Shell boats will come round into a bay to lay to the West of the Kilns, so as to

Sup.t Engr. Office
5th Circle
Madras 14th August 82

No 1813

From

Capt. H. L. Prendergast R.E.
Superintending Engineer
5th Circle

To

The Chief Engineer
P.W.D.

Sir

With reference to your Memo
No 3869 dated 16th December 1879 I
have the honor to submit an estimate
of Rs 95400 for improvements to
the Madras Basin on the Buck-
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2. By the arrangements now
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-ference with the Government
Lime Kilns: but by means of
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the North end of the Lime Kiln
ground, the shell boats will
come round into a bay - by to
the West of the Kilns, so as to
be

Enclosures 9.
1 Estimate
1 Survey
3 Sheets of
cross sections
1 enlarged
section of
wharf wall.
1 Plan of pulicat
1 Section of boat
Channel
1 old plan -

be out of the way of the traffic on the Canal

3. It was intended in 1879 to have a lay-by along the West bank of the Canal up to the Railway Bridge; and a wharf wall on the East side for a length of 1550 feet. The former plan is sent for comparison. It is now proposed to have the wharfage divided on the East bank to a length of 2480 ft. that is from the Basin Bridge to the ditch of the Railway embankment, and to leave the West bank alone. The tendency of the traffic will all be to arrive at, and depart from, the East side on which the town lies, and probably there will be no demand for more wharfage on the West bank: though this can be provided at any future time.

4. The wharf wall is aligned so as to allow of boats 60 feet long being moored end on, while empty boats can also lie on the other side. A landing 6 feet in width is given: then there is a rise of 4 feet by steps to the general ground level which is 6 feet above mean Sea or 2½ feet above high flood level. A gravelled space 22 feet in width is provided for wharfage; and beyond that a roadway 18 feet wide, with 4 cross roads giving access to the main Borkapet road. A belt of land 30 feet in width is also taken in to the East of the wharf road, to allow for expansion hereafter.

5. The Estimate provides for the extension of a drainage culvert

culvert close to the Basin bridge. Rs. 1456; and for the purchase of private lands and private Lime Kilns Rs 8350. Spe. -cial Supervision is entered on the Estimate for one Overseer, 2 Maistries, & a Clerk, for 3 years, at a total cost of Rs. 3780.

6. The wharf wall is designed to have foundation of concrete, with a protecting row of piles; the wall to be built of stone concrete in Morgan's cement, and the crest to be of cut granite, nine inches thick. The steps are to be of laterite laid in cement, and built of concrete. The ground is to be enclosed by palisading of

granite slabs and posts with rails; inside which a quick-set hedge will be planted.

I have the honor to be
Sir
Your Most Obedt Servt
[illegible]
Executive Engr & Collr R.D.

Superintg Engr
5th Circle

C.E. No 2614 dy 29-7-1879
" " 1646 dy 6-7-80
" " 3869 dy 22-12-79

P.W.C. No 5789-

No 1813

From
The Supt Engr
5 Circle

To
The Chief Engr
P.W.D.

Dated 14th August 1882
Recd 15th do

Encl: 9

Madras Basin
on the Buckingham Canal -

Submits an
estimate of Rs 95,400
for improvements &
Rs ——

ooty 21/8 Re 30/8

No 2221 W

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 30th August 82

Read the following :—

From the Supt Engr Fifth Circle — Rs. No 1813 Date of 14th Augt 1882

The estimate amounting to Rs 95,400 for improvements to the Madras Basin on the Buckingham Canal is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No 88 W of 1882-83 and classified as 33 Irrigation and Navigation works for which Capital and Revenue Accounts are kept Capital Works.

To The Supt Fifth Circle with 9 Encls.
Copy to Accts with dup Abs. Estimate -
Chief Engr for Sanction 9
Bd of Rev: - 4 10 -

26.8.82

27.8.82

I/224

5489.

Govt. of (1882) Madras.

PUBLIC WORKS.

1 Mem. 1-3-82

Dated

Rect. Encl.

G. O. 5th Sept. 1882, No. 2221/P.

Nos. 186 to 189

Buckingham Canal

Sale and lease of Tt. for improvements to the Madras Bridge on the ——— Anicut.

Ind 4-45 W

Ans 1/6