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(2) Date of repair 16/87

(3) Initials of the Referencer Law ✓

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W. DEPARTMENT

G.O. No.
B.P. No:

1672-W

Press.
Mis.

Dated

18-7-1885

198 .

Not to be folded or roughly handled

18TH JULY 1885, No. 1672 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 4th July 1885, No. 280 E.W.:—

As directed in your memorandum, No. 215 E., of 11th ultimo, I have the honor to submit, herewith, an estimate, amounting to Rs. 6,600, for a permanent regulating work or weir at the Willow Bund Bridge, Ootacamund, and for the excavation of a deep channel below the weir.

ORDER—dated 18th July 1885, No. 1672 W., Public Works.

The estimate, amounting to Rs. 6,600, for constructing a permanent regulating weir at the Willow Bund Bridge, Ootacamund, and for excavating a deep channel in the lake below the weir, is sanctioned.

2. The commencement of the work has already been authorised, and if the Superintending Engineer is unable to propose a transfer of funds to meet the cost, application should be made later in the year for the requisite allotment.

3. This sanction has been registered as Provincial No. 86 W. of 1885-86, and classified as Miscellaneous Public Improvements, Original Works.

(True Extract.)

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

To the Superintending Engineer, IV Circle, with plan and estimate.
„ Examiner, Public Works Accounts, with duplicate abstract estimate.
„ Financial Department.

Exd. E. Fernandez.
Spare Copies.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1885 Madras.

PUBLIC WORKS.

Dated July, 1885.

Recd.

Encl.

G.O., 18th July 1885, No. 1672 W.

JULY.

Weir at the Willow Bund
Bridge, Ootacamund

Estimate for a permanent regulating —,
and for excavating a deep channel in the
lake below the weir, sanctioned.

24TH MARCH 1885, No. 742 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 21st March 1885, No. 127 E.W. :—

I have the honor to forward, for your information, a letter* of the Executive Engineer, Nilgiris, and to request your sanction to the arrangement of temporary dam and rough escape mentioned in the first three paragraphs.

2. With regard to paragraph 4 I have requested Major Smith to furnish a plan and estimate of the permanent regulating work in question with information as to the probable maximum discharge and water levels at the bridge.

3. The subject of paragraph 5 can also be best considered when the Executive Engineer furnishes an estimate of the water machine he refers to and details of the way it is to be worked.

ENCLOSURE.

From Major A. C. SMITH, R.E., Executive Engineer, Nilgiri Division, to the Superintending Engineer, IV Circle, Coimbatore, dated Ootacamund, 9th March 1885, No. 651.

I have the honor to report that, owing to complaints having been made of the smell from the upper portion of the lake above Willow bund, I have given orders to have a temporary dam with a rough escape duly provided therein constructed in ring form above the Willow bund bridge.

2. I originally proposed doing this when arranging with the municipality about the lowering; but, as I thought the depth of water would entail an unnecessary expense, I suggested trying the small bunds and channels to guide the filth from the sewer, &c., into deep water. This arrangement answers well enough, but the complaints are of the smell from the large expanse of drying mud.

3. The arrangement now ordered will keep this portion at normal level and also allow any surplus to pass down as before. The cost can be met from contingencies on drainage estimate.

4. While on this subject I may submit that it would be of great advantage to erect a permanent regulating work under the bridge of the Willow bund, so that not only may we be able at any time to keep the water in the upper portion at its normal level—no matter what happens below—but also by making a permanent weir here (of course allowing sufficient waterway for heavy floods) we can assist the silting process above. If this proposal meets with your approval, I shall make arrangements for starting this work when the lake is at its lowest level for pipe-laying about April or May next.

5. In this connection I may state that I have been making measurements, &c., and I think by a little management we should be able to work a water machine at the brickfield for at any rate eight months in the year. Roughly my idea is this. To work a wheel, 12 cubic feet per second for eight hours plus evaporation (maximum under 1 inch up here) for 24 hours, would lower the lake 2.28 inches, supposing no water to be flowing in. But as work would cease and shutters be shut for 16 hours if we could only get 4 cubic feet per second running into the lake its level would be again normal by the following morning. This on Sundays and non-working days would enable us to keep the lake from becoming unsightly, and if he had the permanent work regulating the upper portion as above proposed the level of this part would never be reduced. Mr. Lord reports he can get a fall of over 40 feet from lake surface to brickfield channel bed which would with 12 cubic feet a second give us at least 25 horse-power in a turbine with 15 inches leading or fall pipes, and about 16 horse-power with a 20-foot overshot wheel.

24th March 1885, No. 742 W., Public Works.

Order—dated 24th March 1885, No. 742 W., Public Works.

The order of the Executive Engineer, Nilgiris, in constructing a temporary dam with a single escape at the Willow bend bridge, Ootacamund, is approved.

2. A plan and estimate for a permanent regulating work at the bridge will be wanted.

3. The Government agree with the opinion expressed in paragraph 3 of the Superintending Engineer's letter.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" Examiner Public Works Accounts.
" Financial Department.

Ref. A. Croft
Spars Copies

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BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1885 Madras.

PUBLIC WORKS

Dated March, 24th.

Encl.

Encl.

G.O., 24th March 1885, No. 742 W.

MARCH.

Temporary dam at the Willow
Bund Bridge, Ootacamund

Action of the Executive Engineer in
constructing a — with a rough escape,
approved.

To W for order.

CV
5.7.85

(22)
Public Works Department, 1885-86.

Current No. 5953

Letter No. 28

Dated the 3rd July/85

From the S.E. IVC. nls

NOTE OF REMARKS.

1. In obedience to E.W.'s order
No. 2153 of the 11th June/85 the
accompanying estimate is
submitted for the construction
of a permanent regulating
work or weir, with the excava-
tion of a deep channel below
the weir, at the Willow Bund
Bridge at Ootacamund. —
The amount of the estimate is
Rs. 4000.

2. But little can be learnt
from 'detail' or 'abstract' or
estimate, and a 'report'
has not been submitted.

Under 'References' is written
"Works in progress, nearly
completed the cutting off
channel and throwing up
two islands. Early sanction
and provision of funds solicited."
3rd July/85. 10729

Q. 8.7.85-17.7.85

of funds to meet the

No. 280
From
Supt. Engineer's Office IV Circle
Coimbatore 4th July 1885.

From

The Superintending Engineer
IV Circle.

To

The Chief Engineer
P. W. Department

Sir,

Enclosure

1. Estimate.

with duplicate

abstracts

As directed in your Memorandum No. 25 E. of 11th Ult^o, I have the honor to submit herewith an estimate amounting to Rs. 6,600 for a permanent regulating work or weir, at the Willow Pond Bridge Ootacamund, and for the excavation of a deep channel below the weir.

I have the honor to be,

Sir,

Your most obed^t Serv^t,

L. Beatty - Col. R.E.
Superintending Engineer
IV Circle

of funds to the

From

The Supt. Engineer
IV Circle

Dated

4th

Dec^r

6th

Rec^d

7

July 1885

N^o 280
E. W.

Enclosures. 2.

Willow Bund Bridge
Ootacamund.

Submitting an estimate
amounting to Rs 6,600 for a
permanent regulating work
or weir at the —

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 18 July/85.

Read the following

Letter from the Suptg. Engr.

IV Circle — N^o 280
E. W. a/4 July/85

The estimate amount-
ing to Rs 6,600 for construct-
ing a permanent regulating
weir at the Willow Bund
bridge, Ootacamund, and for
excavating a deep channel
in the lake below the weir,
is sanctioned.

2. The commencement
of the work has already
been authorised, and if
the Suptg. Engineer is
unable to propose a transfer
of funds to meet the

cost, application should
be made later in the year
for the requisite allotment

3. This sanction has
been registered as Provincial
No. 86 W of 1885-86, and
classified as miscellaneous
Public Improvements,
original works.

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Dec 21/7

Suptg. Engr: IV. Circle
with plan & estimate

Ex. P.W. accts. with
Supt. abt. estimate

Sub. Dept.

1872

5953

Govt. of Madras.

PUBLIC WORKS.

Drawn

21/7/85.

Recd.

Encl.

G.O. 13 July 1885, No. 16724

Weir at the Willow
Road Bridge, Ocha.

Command

Get for a permanent
regulation — & for
excavating a deep
channel in the lake
below the weir,
sanctioned.

Rs 60
/ 5 -

Rs 50

21/7

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