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(2) Date of repair 16.12.87
(3) Initials of the Referencer lms

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public Works DEPARTMENT

G.O. No.		Press.
B.P. No.	1005 W	Mis.
Dated	1-4-1879.	197.

G.P.
Not to be folded or roughly handled

1005
1

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

1st April 1879, No. 1,005 W.

Buildings and Roads.
Military Works.

Read the following paper :—

No. 26. From the Superintending Engineer, Fourth Circle, to the Chief Engineer, Public Works Department, Coimbatore, 16th January 1879, No. 98-28.

I HAVE the honor to forward for sanction a revised estimate, amounting to Rupees 1,580, accompanied by a comparative statement for plastering with cement the swimming-bath of the European regiment at Cannanore.

One Revised estimate.
" Comparative statement.
" Copy of Wynad Executive Engineer's letter, No. A 24, of 30th December 1878.

2. The cause of excess of Rs. 420 over the original estimate of Rupees 1,160 sanctioned in G.O., No. 3,849 W, of 2nd October 1878, is fully explained in the Wynad Division Executive Engineer's letter, No. A 24, of 30th December 1878, of which copy is enclosed.

3. In the revised budget for the current year submitted with my letter, No. 1,158-57, dated 23rd December 1878, Rupees 1,430 is entered as the probable outlay up to end of December, and a further sum of Rupees 300 is applied for as the requirements for January to March 1879, but the amount actually required is, I now find, only Rupees 150.

From the Executive Engineer, Wynad Division, to the Superintending Engineer, Fourth Circle, dated Luckady, 30th December 1878, No. A 24.

I HAVE the honor to forward a supplementary estimate for cementing the swimming-bath at Cannanore, although it is only so lately as the 2nd October last that a revised estimate was sanctioned; the necessity for the present one could neither be foreseen nor avoided, being due to the occurrence of very heavy weather on the night of the 5th November during which the sea did great damage to the work then in progress, and as you are not acquainted with the site it is necessary to explain that the bath has been constructed on the shore so as to permit of an arrangement by which it is filled by the sea at high tide; it is, therefore, always liable to damage in exceptionally heavy weather.

2. The loss by injury from weather does not represent the whole cause for excess, which is partly due to the greater number and force than anticipated of the springs which percolate from all sides into the bath at high water.

3. Lieutenant Dobson, before his departure, reported the damage that occurred, and when I was at Cannanore at the beginning of the month in company with Lieutenant Love I inspected the work and satisfied myself that the injury could not have been avoided. I am of opinion that the additional sum asked for is no more than is necessary, and request you will be so good as to obtain sanction for the same.

4. Owing to the certainty of loss were the work to be stopped it has been proceeded with in anticipation of sanction and is now nearly completed; press of office work and change of officers have prevented earlier submission of the estimate.

No. 27.

ORDER THEREON, 1st April 1879, No. 1,005 W.

UNDER the explanation afforded in the foregoing papers the revised estimate of Rupees 1,580, for plastering with cement the swimming-bath of the European regiment at Cannanore, is sanctioned.

2. Rupees 300 have been provided for the work in the revised budget for 1878-79, circulated with G.O., No. 745 W, of 12th March 1879.

3. This sanction has been registered as Imperial No. 1 B of 1879-80.

(True Extract.)

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

To the Superintending Engineer, Fourth Circle.
" Examiner of Public Works Accounts.
" Military Department.

Exd. C. Howartu.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.
Govt. of 1879 Madras.
PUBLIC WORKS.

To
THE SUPERINTENDING ENGINEER,
FOURTH CIRCLE,
ec, ec, ec

Dated April 14.

Issued

Recd.

Encl.

G. O. 1st April 1879, No. 1,095 W

MARCH.
Nos. 26-27.

Swimming-Bath of the European Regiment
at Cannanore. Sanctions the revised esti-
mate for plastering with cement the —

No 98
28

Supp. Engineer's Office
Cannanore 15th January 1879

From

The Superintending Engineer,
South Circle

The Chief Engineer,
D. P. H.,
Madras

Sir,

Enclosures

1. Revised estimate
1. Comparative Statement Estimate amounting to Rs. 1,580
1. Copy of Mysnad
Exec. Engr's letter No. A24
of 30th Decr/78.

I have the honor to for-
ward for sanction a revised
estimate amounting to Rs. 1,580
accompanied by a comparative
Statement for Plastering with
Cement the Swimming Bath of
the European Regiment at Can-
nanore.

2. The cause of excess of
Rs. 420 over the original estimate
of Rs. 1,160 sanctioned in G. O. No.
3849 H. of 2nd October 1878 is fully
explained in the Mysnad Division
Executive Engineer's letter No. A24
of 30th December 1878 of which copy
is enclosed.

3. In the Revised Budget for

for the current year submitted
with my letter No. 1158 dated
23^d December 1878, Rs. 1430 is entered
as the probable outlay up to
end of December and a further
sum of Rs. 300 is applied for
as the requirements for January
to March 1879, but the amount
actually required is, I now
find, only Rs. 150.

I have the honor to be
Sir,

Your most Obedt. Servant

R Davidson
for Superintending Engineer
to the Secret

From

The Superintending Engineer
H. Circle

To

The Chief Engineer
P. W. D. Madras

Dated 16th

Recd

January 1879

C/2 98
28

Enclosures 3.

Revised Estimate for 1878 for
Plastering with Cement the
Swimming Bath of the European
Regiment at Cannanore
forwarding for sanction there

Recd 1-4-79 at 10-0-0

Can 27/3

Exec. Engin's office Wynnad Division
(amp) Lucknow 30 December 1878.

No. 124.

From,

The Executive Engineer
Wynnad Division.

To,

The Superintending Engineer,
H. Circle,
Mombasa.

Sir,

I have the honor to forward a
Supplementary estimate for completing
the Swimming Bath at Cannanore,
although it is only so lately as the 2^d
October last that a revised estimate
was sanctioned, the necessity for the
present one could neither be foreseen
nor avoided, being due to the occurrence
of very heavy weather on the night of
the 5th November during which the sea
did great damage to the work then
in progress; and as you are not
acquainted with the site, it is
necessary to explain that the bath
has been constructed on the shore
so as to permit of an arrangement
by

by which it is filled by the sea at high tide: it is ^{therefore} always liable to damage in exceptionally heavy weather.

2. The loss by injury from weather does not represent the whole cause for excess, which is partly due to the greater number & force than anticipated, of the Springs which percolate from all sides into the Bath at high water.

3. Lieutenant Dobson, before his departure, reported the damage that had occurred; And when I was at Saunauone at the beginning of the month in company with Lt. Lane, I inspected the work, & satisfied myself that the injury could not have been avoided. I am of opinion that the additional sum asked for is no more than is necessary, and request you will be good enough to obtain sanction for the same.

4. Owing to the certainty of loss were the work to be stopped, it has been proceeded with in anticipation of sanction & is now nearly completed; process of office work

work and change of office have prevented earlier submission of the estimate.

I have &c
/Sid/ R B Kennedy of Colonel
Exe. Engineer Wynaad Division

/True copy/

Coinbatore }
16 January 79.

R Davidson
For Supg. Engineer
4. Link.

1005/6

Comparative Statement showing the Outlay in Cementing the Swimming Bath of the European Regt. Cantonment.

Particulars.	As per Estimate.			As per Revised Estimate.			Less than Estimate.		More than Estimate.		Remarks.
	Quantity.	Rate.	Amount.	Quantity.	Rate.	Amount.	Quantity.	Amount.	Quantity.	Amount.	
Concrete in Cement — <i>Cyds 16 1/2 7 = Rs 115 8</i>				<i>about 19 22 = Rs 427 5 8</i>					<i>2 1/2 311 13 8</i>		More executed than estimated for. Larger proportion of cement used than estimated for. Damage by springs and by a heavy gale on the 5th November 1878. About 8 cub. yds washed away.
Plastering with Cement <i>Sq. 18 1/4 12 = Rs 819</i>				<i>53 3/4 16 Rupees 9 = Rs 855 2 3</i>					<i>36 2 3</i>		Damage by springs & gale
Baling water			<i>50 =</i>			<i>100 =</i>			<i>50 =</i>		The baling had to be repeatedly effected, owing to the natural springs in the bath and to the bad weather experienced.
Bunds to keep water out			<i>75 =</i>			<i>47 8 1 1/2 =</i>	<i>27 7 11 1/2 =</i>				
Landries and Superintendence			<i>100 8 =</i>			<i>150 = 1 =</i>			<i>49 8 =</i>		Due to light work.
Total Rupees			<i>1160 =</i>			<i>1580 =</i>	<i>277 11 =</i>	<i>447 7 1/2 =</i>			

Amount of Rupees requiring sanction Rs 20 =

*Sub. to Officer
24th December 1878*

*H. D. Love
Lieut. R. E.
Assistant Engineer to the Sub. Div. Cantonment*

*Witnessed
Cantonment Division Office,
December 1878
Thos. W. H.*

*J. Davidson
Major
N. B. Hennessey
Lieut. Col.
Executive Officer, Cantonment Division*

No. of 1-4-77 to 10-5-78

1005 W Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 1st April/99

Read the following:—

From
The Supp. Eng^r. Fourth Circle } (H.C. No. 98 d/16th Jan'y 1899)
28

Under the explanation afforded in the foregoing papers, the revised estimate of Rs 1580, for plastering with cement the swimming bath of the European Regiment at Cannanore, is sanctioned.

2 - Rupees 300 have been provided for the work in the revised budget for 78-79,

circulated with G.O. No. 745 W,
of 12th March 1879. W.S.
27.3.79

This sanction has been
registered as Imperial No 1 B
of 18/9/79

Budget

W.S.

W.S.
17.3.79

S.E. Fourth Circle
Gen. S. W. Accto. With & Out
Military Dept

Sept 22 - 79 17

Sept 27 - 79

Cp 560
Govt. of 1879 Madras.
PUBLIC WORKS.

To

Dated

Issued

Recd.

Encl.

G. O., 10 April 1879, No. 1005W

Nos. 26-27

Swimming bath for *officer*
European Regiment at
Cananore. Sanctions
the revised estimate for
the same with comment
that —