Public Works (1896) Department.

G.O., No. 5201

Dated 20-6-96

[Despatch Abstract.]

Kottapalliem Tank: the revised estimate of Rs 3,800 for improving the — in the Trichinopoly Dt., sanctioned.

[P.W. 20.
1,000-23-10-96.]

BACK PAPERS.

| G.O. | No. | Department. | Date. | G.O. | No. | Department. | Date. |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

FURTHER PAPERS.

| G.O. | No. | Department. | Date. | G.O. | No. | Department. | Date. |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

IRRIGATION.
ACCOUNT.

# Govt. of {1896} Madras.

## PUBLIC WORKS.

*Dated June, 20th.*

*Recd.* *Encl.*

**G.O. No. 520 I., 20th June 1896.**

**JUNE.**

**Kottapolliem Tank**

**The revised estimate of Rs. 3,800 for improving the — in the Trichinopoly division, sanctioned.**

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

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**Irrigation.**
**Account.**

READ—the following paper:—

From W. HUGHES, Esq., Superintending Engineer, VI Circle, to the Chief Engineer for Irrigation, dated Trichinopoly, 1st June 1896, No. 845 T.C.

In submitting for sanction a revised estimate, amounting to Rs. 3,800, for improving (Imperial No. 144) Kottapolliem tank in the Musiri taluk, Trichinopoly district, I have the honour to inform you that the original estimate was sanctioned by me for Rs. 2,240 in register No. 43 of 1894–95. In this estimate provision was made for improving the paved escape 196 feet long on the right flank of the tank at a cost of Rs. 1,475, by providing a skin wall in front of the escape for its whole length and a water cushion for a length of 100 feet in the centre at the breached part of the escape, and also roughstone aprons on either side of the cushion as shown in the sanctioned plan herewith submitted. The Executive Engineer, considering the present state of the site, reports the design of the roughstone aprons is unsuitable and insufficient (*vide* paragraph 2 of the report attached to the estimate). He has therefore drawn up a fresh plan (enclosed) designing masonry and roughstone aprons protected by retaining walls, and has accordingly revised the estimate which is recommended for sanction.

2. The other items of the original estimate remain unaltered.

3. The original estimate is also submitted.

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ENCLOSURE.

REPORT to accompany the estimate for improving the masonry works in the Kottapolliem Jamberi tank.

| | Rs. |
|---|---|
| Amount of estimate ... ... ... ... ... ... ... | 2,240 |

This tank is numbered 144 in the Imperial list of Irrigation works and its ayacut is 1,148 acres, and revenue Rs. 6,210. It receives its supply from the Kollimalai hills direct and has a drainage basin of about 20 square miles. The arrangements for the discharge of the surplus are quite ample * (*vide* tabular statement annexed) and if the ryots had not bunded up the pavement escape in its front as shown in plan, there would have been no breaches in it (pavement escape). It is therefore now proposed to substantially improve the escape by adding a skin wall in front for the whole length, so as to allow a clear overfall of 2 feet from crest and to have a cushion for the breached portion, which is deep and cannot be brought to a level with the apron on either side. The left end of the weir for a length of 40 feet will be vented; that is, will be made lower than F.T.L. by 1½ feet and provided with dam stones to that level. The proposals made are in accordance with the instructions of the Superintending Engineer conveyed in his No. 1392 of 22nd November 1893.

| Expenditure for the last five years— | Rs. | A | P. |
|---|---|---|---|
| 1888–89 .. .. .. .. | .. | | |
| 1889–90 .. .. .. .. | 195 | 6 | 6 |
| 1890–91 .. .. .. .. | .. | | |
| 1891–92 .. .. .. .. | .. | | |
| 1892–93 .. .. .. .. | 47 | 15 | 9 |
| Total .. | 243 | 6 | 3 |

* 1 Plan of tank weir.
1 ,, of sluice No. 2.

2. Two of the sluices of this tank were out of order. An emergent estimate was sanctioned and executed last year for the temporary upkeep of the same. One of these sluices which is unserviceable is now proposed to be reconstructed, and for the other, provision is made in the estimate to cut open the bund, examine the cracks and leakages, and rectify all the defects effectually.

3. In the design of the new sluice, the bund at site is proposed to be made 5 feet above M.W.L. with 5 feet top width as per Professional Circular * No. 52.

* In Chief Engineer's Circular Memorandum No. 24 G., dated 1st September 1893.

4. Lump sum provision is also made to repair the two other weirs; and thus the masonry works of the tank will be all brought to an efficient condition. Payments to the contractor for the repairs to the dam, in sluice No. 3, and the two weirs will be made only on actual measurements.

5. The whole work will be carried out in accordance with the standard specification.

(Signed) R. KALIYANARAMA AIYAR,
Sub-Divisional Officer.

18th February 1894.

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ORDER—No. 520 I., dated 20th June 1896.

The following revised estimate is sanctioned in supersession of the estimate of Rs. 2,240 sanctioned by the Superintending Engineer, VI Circle:—

Irrigation.
43. Minor Works and Navigation.
Minor Works for which neither Capital nor Revenue Accounts are kept, P.W.D.
Original Works.
Trichinopoly Division.
Improving Kottapolliem tank No. 144 of list of works appended to G.O. No. 407 I., dated 6th July 1887.

| | RS. |
|---|---|
| Estimate ... ... ... ... ... ... ... ... ... | 3,800 |

2. This sanction is registered as No. 70 I. of 1896–97.

(True Extract.)

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

To the Chief Engineer for Irrigation.
„ Superintending Engineer, VI Circle, with ten enclosures.
„ Examiner, Public Works Accounts.

Exd. T. K. Narayana Aiyangar.
Spare Copies

A/

No. 520, d. dy 20th June 1896.

PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

# PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 4th August 3P

READ the following

From Supt Engr, VI Circle, No 845 T.C. G/1 June 96

The following revised estimate is sanctioned in supersession of the estimate of Rs 2240 sanctioned by the Supt Engr, VI Circle:—

Irrigation
43. Minor Works Navigation.
Minor Works for which neither Capital nor Revenue Accts are kept, P.W.D.
Original Works.
Trichinopoly Dist.
Improving Kottapolliem tank, No 144 of list of works appended to G.O. No 407 I dy 6 July 187
Estimate Rs 3800

2. This sanction is registered as No. 70 9 of 1896-97.

11/6

Rueda 11/6 96

4

Estimate for improving Kottapollium Tank, Trichinopoly Dist.

Issue

Rueda 12/6

I 7.E.D. 20/6

20/6

Rec'd 22/6 96

DESPATCHED 3 95

To the Chief Engr for I.
Supdg Engr VI Circle with 10 enclos.
& T.A.2.

9/6

05/12

Revised.

Report to accompany the Estimate for "Improving the Masonry works in the Kottapollium Jauteri Tank"

2240 2280

Amount of Estimate Rs 2280 ~~2150~~

This tank is numbered 144 in the Imperial list of Irrigation works and its Ayacut is 1148 acres and Revenue Rs 6210. It receives its supply from the Kollimalai hills direct and has a drainage basin of about 20 Sq. miles. The arrangements for the discharge of the Surplus are quite ample (Vide Tabular statement annexed) and if the pyots had not bunded up the pavement Escape in its front as shown in plan, there would have been no breaches in it (for want of Escape) It is therefore now proposed to substantially improve the Escape by adding a stone wall in front for the whole length, so as to allow a clear overfall of 2 ft. from crest and to have a cushion for the breached portion, which is deep and cannot be brought to a level with the apron on either side. The left end of the weir for a length of 40 ft. will be vented, that is, will be made lower than F.S.L by 1½ ft. And provided with dam stones to that level.

The proposals made are in accordance with the instructions of the Supdg. Engineer conveyed in his No. 1392 of 22-11-93

2. Two of the sluices of this tank were out of order. An Emergent Estimate for Rs.

Enclosures=4
2=Plans
1=Tabular statement
1=Estimate with report complete=3

4

Expenditure in the Last 5 years.
1888-89 —"
89-90=195-6-6
90-91= "
91-92= "
92-93=47-15-9
Total Rs 243-6-3

1. Plan of Tank & Weir
1. Do of Sluices & 2

SUPG. ENGINEER'S OFFICE, No. 1 / 5 T.C. 27 APR. 94 P.W.D. SIXTH CIRCLE.

has been sanctioned and executed last year for the temporary repair of the same. One of these sluices which is unserviceable is now proposed to be reconstructed and for the other, provision is made in the Estimate to Cut open the bund examine the Cracks and leakages and rectify all the defects Effectually.

3. In the design of the new sluice, the bund at Sill is proposed to be made 5 ft. Above F. S. L with 5 ft. top width as per P.C. No. 52

× Dy. Chief Engrs. Circular memorandum No. 24 S 1.9.93

4. Lump sum provision is also made to repair the two other weirs; and thus the Masonry works of the Tank will be all brought to An Efficient Condition. Payment to the Contractor for the repairs to the Dam & Sluice to be 3/4 And the 2 weirs will be made only on Actual Measurements.

5. The whole work will be Carried out in Accordance with the Standard Specification

Ans. 5/5583/96

K Kaliyanaraman
Sub Dy. Collector
18-2-96

C. Thompson
Exec. Engr. II Trichy Dn. II
31.3.94

OFFICE OF THE SUPERINTENDING ENGINEER,
6TH CIRCLE,

No. 845 TC

Trichinopoly, 1st June 1896.

FROM

W. Hughes Esquire
~~THE~~ SUPERINTENDING ENGINEER,
6th CIRCLE.

TO

THE CHIEF ENGINEER,
for Irrigation

1 Rec

SIR,

ENCLOSURES. 4
1. Orig Plan
1 — Estimate
1 Revd. tracing plan
1 Revd Estimate

In submitting for sanction a revised estimate amounting ~~Rs~~ ₹ 3,800 for improving (Imperial No: 144) Kokkapollium Tank in the Musiri Taluq, Trichinopoly Dt, I have the honor to inform you that the original estimate was sanctioned by me for ₹ 2,240, in Regr. No: 43 of 1894-95. In this estimate provision was made for improving the paved escape 196 ft. long on the right flank of the tank at a Cost of ₹ 1475, by providing a skew wall in front of the escape for its whole length, and a water cushion for a length of 100 feet in the centre at the breached part

500—13 11-93.

of the escape and also rough stone aprons on either side of the cushion as shown in the sanctioned plan herewith submitted. The Executive Engineer, Considering the present state of the site, reports, the design of the rough stone aprons is unsuitable and insufficient. Vide para 2 of the report attached to the estimate. He has therefore drawn up a fresh plan (enclosed) designing masonry and rough stone aprons protected by retaining walls & has accordingly revised the estimate which is recommended for sanction.

2. The other items of the original estimate remain unaltered.

3. The original estimate is also submitted.

I have the honour to be
Sir,
Your Most obedt. Servant,

W. Hughes.

Supdg Engineer, N Circle

30/6.

CHIEF ENGINEER
FOR IRRIGATION.
5 JUN. 96
No. 837C

P. W. CURRENT No. 5383

P. W. D. 6th CIRCLE.

Encls 11 (2 plans)
Recd: 15.6.96

FROM

THE SUPERINTENDING ENGINEER,

6TH CIRCLE.

TO

THE CHIEF ENGINEER,

for Irrigation

No. 845 TC

Dated 1st } June 1896.
Received 2 }

Enclosures. 4.

Impl. No. 1414, Kotlapoliem
Samta: —— municipality, Dichi
nagpur Dt. —
submits for sanction
a revised estimate of Rs
3000 for improving —