Public Works (1896) Department.

G.O., No. 513 d

Dated 16-6-96

[Despatch Abstract.]

Aqueduct and Bridge. The estimate of Rs 4,870 for constructing an — in line of Pungalipur outlet on the Chitra chavady channel, Coimbatore Dn, sanctioned.

[P.W. 20
1,700—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, 16*th*.

Read. *Encl.*

G.O. No. 513 I., 16th June 1896.

JUNE.

Aqueduct and Bridge

The estimate of Rs. 4,870 for constructing an —, in lieu of Pungaliyur outlet, on the Chithra chavady channel, Coimbatore Division, sanctioned.

No. 513 I., 16TH JUNE 1896.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following paper :—

From J. C. LARMINIE, Esq., Superintending Engineer, IV Circle, Coimbatore, to the Chief Engineer for Irrigation, dated Ootacamund, 15th May 1896, No. 84 I.

I have the honour to submit, for sanction of Government, the plans and estimate, amounting to Rs. 4,870, for constructing an aqueduct and bridge, in lieu of Pungaliyur outlet, on the Chithra chavady channel in the Coimbatore district.

2. The necessity for the above work is explained in letter No. 1766, dated 7th May 1895, from the Executive Engineer, Coimbatore Division, and in the report accompanying the estimate.

ENCLOSURES.

From W. B. DEWINTON, Esq., Executive Engineer, Coimbatore Division, to the Superintending Engineer, IV Circle, dated 7th May 1895, No. 1766.

I have the honour to forward herewith, for approval and sanction, a plan and estimate, (Rs. 4,200) with a report, for constructing an aqueduct and bridge on Chithra chavady channel in lieu of Pungaliyur outlet.

2. When the north-east monsoon causes floods in Pungaliyur odai, Chithra chavady channel gets choked up by silt and sand and a good deal of land is, and will be, required for depositing the silt.

3. This land is very valuable and the owners will demand heavy compensation for it.

4. The annual cost of clearance being Rs. 200 to 300, it is proposed, as an economical measure, to construct an aqueduct to pass the jungle stream over the channel instead of the existing masonry outlet.

The sections of the walls are decidedly light, but they have stood all right.

(Intld.) J. C. L.

5. The plan of aqueduct is similar to the one built in 1884 at the 4th mile to pass the Soondapolliem jungle stream over the channel.

6. The work is very necessary one.

REPORT on the aqueduct and bridge, Chithra chavady channel, in lieu of Pungaliyur outlet.

	RS.
Amount of estimate	4,870

This estimate provides for passing the drainage of 3 square miles of country, which at present enters the channel and silts it up very seriously, over the channel by means of an aqueduct and drop.

2. The discharge of the nallah may be taken as 624 cubic feet per second $D = 3\frac{2}{3} \times 300 = 624$. The actual maximum discharge as calculated from C.S. 330′ above the aqueduct amounts to 571 cubic feet. With 4′ depth and 30′ bed width the aqueduct will discharge this quantity with a velocity of 5′ per second.

3. The estimate also provides for raising the bank of the jungle stream to 5′ above M.F.L. at aqueduct.

4. The discharge of the Chithra chavady channel at this point is 250 cubic feet per second—five vents of 5′ × 4½ will discharge this quantity with a velocity of 2′ per second—so, five vents are provided.

This is, of course, much above the normal supply, but it may be necessary for the aqueduct to pass it for supply of tanks, during Noyil floods.

5. The work will save an expenditure of some Rs. 300 annually in clearing silt and obviate the necessity for acquiring valuable land to place the silt on.

(Signed) W. B. DEWINTON,
Executive Engineer, Coimbatore Division.

20th October 1895.

ORDER—No. 513 I., dated 16th June 1896.

The following estimate is sanctioned:—

Irrigation.
43. Minor Works and Navigation.
Minor works for which neither Capital nor Revenue Accounts are kept, P.W.D.
Original Works.
Coimbatore Division.
Constructing an aqueduct and bridge in lieu of Pungaliyur outlet on the Chithra chavady channel.

	Rs.
Estimate	4,870

2. This sanction is registered as No. 68 I. of 1896–97.

(True Extract.)

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

To the Chief Engineer for Irrigation.
" Superintending Engineer, IV Circle, with enclosures.
" Examiner, Public Works Accounts.

Exd. C. M. Thumbusawmy.
Spare Copies

A No. 513 I, dt 16-June 1896

PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 20.

READ the following

From Supdg. Engr. IV Circle, No. 84 I. dt 15 May/96.

The following estimate is sanctioned:—

Irrigation
43. Minor Works Navigation.
Minor works for which neither Capital nor Revenue Accts are kept, P.W.D.
Original Works.
Coimbatore Divn.
Constructing an aqueduct & bridge in lieu of Pungaliyur outlet on the Chithra chavady channel.

Estimate Rs. 4,870.

2. This sanction is registered as No. 68 I of 1896–97.

D.S.H. 10.6.96

DESPATCH
1- JUL. 96

To The Chief Engr for I.
Supdg Engr, IV Circle
& P.W.D.
with 5 enclosures

8/6

Revd 8/6/96

Revd 1.7.96 BD

No 1766

Executive Engrs Office
Combatore Division
Combatore, 7th May 1895.

From,

W. B. de Winton Esq.
Executive Engr
Combatore Division

To,

The Superintending Engineer
4th Circle, Combatore.

Sir,

Enclosure 2.

I have the honor to forward herewith for approval and sanction a plan and estimate (Rs 4200) with a report for Constructing an aqueduct and bridge on Chittra chavadi Channel in lieu of Pongaliyar outlet.

2. When the North east monsoon causes floods in Pongaliyar odai, Chittrachavadi Channel gets choked up by silt and sand and a good deal of land is and will be required for depositing the silt.

3. This land is very valuable and the owners will demand heavy compensation for it.

4 The Annual Cost of clearance being

Estimate for constructing an aqueduct & bridge on the Chittrachavady Channel, Coimbatore Dt.

Issue

Rueds 11/6/96

7.5.96. 616

Registered 10.1.616/96

E. I. Form No 1—1,000—27-11-96.

85/156

being Rs 200 to 300 it is proposed as an economical measure to construct an Aqueduct to pass the jungle stream over the Channel instead of the existing masonry outlet.

5. The plan of Aqueduct is similar to the one built in 1884 at the 4" mile to pass the Soondapollium jungle stream over the Channel.

The Sections of the mould are decidedly light but they have stood alright JCL

6. The work is very necessary one.

I have &c

(Signed) W. B. de Winton
Executive Engr.

True Copy

J. Chevenix
Supg. Engr. 4" Circle.
15/5

CHIEF ENGINEER
FOR IRRIGATION.
19 MAR. 98
No. 201
3

Ogs. 1
5628/86

380

Aqueduct and bridge - Chittra-chavadi channel - in lieu of Sou-galiyur outlet.

Amount of Estimate Rs ~~4,900~~ ~~4,500~~ 4,870

Report.

This estimate provides for passing the drainage of 3 square miles of country, which at present enters the channel and silts it up very seriously, over the channel by means of an aqueduct and drop.

2 The discharge of the nallah may be taken as 624 cft per second. $D = 3\frac{2}{3} \times 300 = 624$. The actual maximum discharge as calculated from C.S. 330' above the aqueduct amounts to 571 cft. With 4' depth and 30' bed width the aqueduct will discharge this quantity with a velocity of 5' per second.

3 The estimate also provides for

for raising the bank of the jungle stream to 5' above M.F.L at aqueduct.

Rec'd 6

4 The discharge of the Chittrachavadi Channel at this point is 250 cft per second - 5 vents of 5'×4½ will discharge this quantity with a velocity of 2' per second - So, 5 vents are provided.

This is of course much above the normal supply, but it may be necessary for the aqueduct to pass it for supply of Tanks during Nojil Floods.

5 The work will save an expenditure of some Rs 300 annually in clearing silt and obviate the necessity for acquiring valuable land to place the silt on.

SUPG. ENGINEER'S OFFICE, P.W.D. No. 838 23 OCT. 95 encls 2 FOURTH CIRCLE.
SUPG. ENGINEER'S OFFICE, P.W.D. No. 3-DEC. 95 encls FOURTH CIRCLE.

L Beebwitch

Executive Engineer
Coimbatore division

Oct 4
20th October 1895.

EXECUTIVE ENGINEER'S OFFICE No. 4499 30 OCT. 95 P. W. D. COIMBATORE.
EXECUTIVE ENGINEER'S OFFICE No. 25 NOV. 95 P. W. D. COIMBATORE.
SUPG. ENGINEER'S OFFICE, P.W.D. No. 2720 30 APR. 96 encls 2 FOURTH CIRCLE.
EXECUTIVE ENGINEER'S OFFICE No. 9 DEC. 95 P. W. D. COIMBATORE.

No. 84/4

Supg. Engineer's Office, 4th Circle
Camp Polacammand 15th May 1896

From,

J. C. Larminie Esqr
Superintending Engineer
4th Circle, Coimbatore.

To,

The Chief Engineer
for Irrigation.

Sir,

I have the honor to submit for Sanction of Government the plans and estimate Amounting to Rs 4870 for Constructing an Aqueduct and bridge in lieu of Pungaliyur outlet, on the Chittra Chavady Channel in the Coimbatore District.

2. The necessity for the above work is explained in letter No 1766 dated 7th May 1895 from the Executive Engineer, Coimbatore Division, and in the report accompanying the estimate.

I have the honor to be,
Sir,
Your Most Obt Servant.

J C Larminie
Supg. Engr. 4th Circle.

Enclosure 6
1 Estimate
1 Report
1 Plan
1 Site plan
1 Sheet of Sections
1 Copy of letter.

CHIEF ENGINEER
FOR IRRIGATION.
19 MAY. 96
No. 2081

P. W. CURRENT No. 5428

From

The Supg. Engineer
4th Circle.

Encloss 7 (3 plans)
Recd: 16.6.96

Dated 15th }
Despd. 18th } May 1896.

No 84
S

Encls: 6.

Chithrachavdy Channel
in Coimbatore District

Submits for sanction of
Government an estimate amtg.
to Rs 4870 for Constg. an aqueduct
& bridge in lieu of Pungaliyur
outlet on the ___