Public Works (1896) Department.

G.O., No. 1086-87-P

DATED 23rd December 1896

[Despatch Abstract.]

Improvements to the Kalivaikal anicut of the Kravanar river, Vizagapatam District. Estimate amounting to Rs. 3,100 for —

Sanctioned with remarks, & ordered that a copy of these Proc. be forwarded to the Govt of India for information.

~~do~~

Forwarded accordingly.

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.

Government [1896] of Madras.

PUBLIC WORKS.

Recd. } 1896. *Enclosures*
Reyd. } *Spare copies*

G.O., Nos. 1086, 1087 I., 23rd December 1896.

DECEMBER.

Improvements to the Kali voikal, an offtake of Vickramanar river, Tanjore district

Forwarded accordingly.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

Read—the following paper:—

From Lieutenant Colonel C. C. RAWSON, R.E., Superintending Engineer, V Circle, to the Chief Engineer for Irrigation, dated Chepâk, 29th November 1896, No. 288 E.I.

With reference to your memorandum No. V/61 and 67 T. J., dated 1st and 12th August 1896, respectively, I have the honour to return, duly corrected, according to instructions contained in the above, the plan and estimate of Rs. 2,610 for improving the Kali voikal, an offtake of the Vickramanar.

2. The actual cost of the present head-sluice of the Kali voikal is Rs. 530.

Enclosure.

Report to accompany the estimate for improving the Kali voikal, an offtake of Vickramanar.

	Rs.
Amount of estimate	2,610

The Kali voikal, branching from Vickramanar, has its head and head-sluice at a very disadvantageous point on the Main channel. It is now nearly ten years since the present head-sluice marked A in the site plan was constructed, and ever since its construction the channel simply gets choked with sand and practically no water enters it for irrigation. The area depending on this head-sluice for irrigation is about 2,300 acres in Kali village, and the reported short supply to those lands is one of the standing grievances of Máyavaram taluk for the last several years. To relieve the suffering lands from want of proper supply, the present head-sluice should be abandoned and the head of the channel shifted to a point above the Vickramanar bridge on road No. 48 (*vide* site survey). This will necessitate the construction of a road culvert with screw-gearing shutters at the point where the proposed channel crosses road No. 48, and a new connecting channel will have to be excavated on patta nunjah lands mostly from the new head of the channel to a little below the present head-sluice. The accompanying plans and estimate provide for all the necessary improvements stated above. The shutters proposed for the head-sluice are of two pieces, each one and a half feet high, screws will be attached to both shutters as per plan. When water is high, the topmost shutter will be screwed upwards and the area of vents thus increased as waterfalls. When water in front falls to F.S.L., both the shutters will be raised clear of the vent. These shutters, if fixed to the head-sluice, will put an end to the long standing complaint of silt.

I think that it would be better to make the shutter in two pieces only. I am doubtful if it will work satisfactorily in three pieces.

18th July 1896. (Initld) C. C. R.

2. In the interest of the suffering kudies of Kali village and to enable them to irrigate their lands in the ensuing cultivating season, early sanction of the estimate is recommended, so that work may be put in hand before floods come down in rivers.

3. Work will be done according to standard specification of the Public Works Department.

(Signed) C. H. T. NORFOR,
Executive Engineer.

ORDER—No. 1086 I., dated 23rd December 1896.

The following estimate is sanctioned :—

Capital expenditure not charged to Revenue.
49. Irrigation.
Cauvery Delta System.
Open Capital Account.
3. Distributaries.
Unremunerative Work.
Improving the Kali voikal, an offtake of the Vickramanar.

	Rs.	Rs.
2. Land.—Compensation for land	500	500
3. Works.—Head-sluice	1,650	1,650
4. Earthwork.—Excavation	460	460
Total I.—Works		2,610
„ II.—Establishment		485
„ III.—Tools and plant		5
Total Estimate ...		3,100

2. This sanction is registered as No. 153 I. of 1896–97 and will expire on the 31st March 1898.

3. The actual cost of the present head-sluice, viz., Rs. 530, will be written back by the Examiner of Public Works Accounts from the "Capital" to the "Revenue" account of the Cauvery Delta system, in accordance with paragraph 37, chapter V, Volume II, Public Works Department Code.

4. Ordered that a copy of these Proceedings be forwarded to the Government of India for information.

[Here enter No. 1087 I., dated 23rd December 1896.]

(True Extract.)

(Signed) W. HUGHES,
Joint Secy. to Government,
Irrigation Branch.

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

ENDORSEMENT—No. 1087 I., dated 23rd December 1896.

Forwarded.

(By order.)

Joint Secretary to Government,
Irrigation Branch.

Ed. Md. Pahilvan.

IRRIGATION.
ACCOUNT.

Government [1896] of Madras.

PUBLIC WORKS.

Recd. } 1896. *Enclosures*
Regd. *Spare copies*

G.O., No. 1086 I., 23rd December 1896.

DECEMBER.

Improvements to the Kali voikal, an offtake of Vickramanar river, Tanjore district

Estimate, amounting to Rs. 3,100, for —, sanctioned, with remarks, and ordered that a copy of these Proceedings be forwarded to the Government of India for information.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

Read—the following paper:—

From Lieutenant Colonel C. C. RAWSON, R.E., Superintending Engineer, V Circle, to the Chief Engineer for Irrigation, dated Chepâk, 29th November 1896, No. 288 E.I.

With reference to your memorandum No. V/61 and 67 T. J., dated 1st and 12th August 1896, respectively, I have the honour to return, duly corrected, according to instructions contained in the above, the plan and estimate of Rs. 2,610 for improving the Kali voikal, an offtake of the Vickramanar.

2. The actual cost of the present head-sluice of the Kali voikal is Rs. 530.

Enclosure.

Report to accompany the estimate for improving the Kali voikal, an offtake of Vickramanar.

Amount of estimate ... ... Rs. 2,610

The Kali voikal, branching from Vickramanar, has its head and head-sluice at a very disadvantageous point on the Main channel. It is now nearly ten years since the present head-sluice marked A in the site plan was constructed, and ever since its construction the channel simply gets choked with sand and practically no water enters it for irrigation. The area depending on this head-sluice for irrigation is about 2,300 acres in Kali village, and the reported short supply to those lands is one of the standing grievances of Máyavaram taluk for the last several years. To relieve the suffering lands from want of proper supply, the present head-sluice should be abandoned and the head of the channel shifted to a point above the Vickramanar bridge on road No. 48 (*vide* site survey). This will necessitate the construction of a road culvert with screw-gearing shutters at the point where the proposed channel crosses road No. 48, and a new connecting channel will have to be excavated on patta nunjah lands mostly from the new head of the channel to a little below the present head-sluice. The accompanying plans and estimate provide for all the necessary improvements stated above. The shutters proposed for the head-sluice are of two pieces, each one and a half feet high, screws will be attached to both shutters as per plan. When water is high, the topmost shutter will be screwed upwards and the area of vents thus increased as waterfalls. When water in front falls to F.S.L., both the shutters will be raised clear of the vent. These shutters, if fixed to the head-sluice, will put an end to the long standing complaint of silt.

I think that it would be better to make the shutter in two pieces only. I am doubtful if it will work satisfactorily in three pieces.

18th July 1896. Initld) C. C. R.

2. In the interest of the suffering kudies of Kali village and to enable them to irrigate their lands in the ensuing cultivating season, early sanction of the estimate is recommended, so that work may be put in hand before floods come down in rivers.

3. Work will be done according to standard specification of the Public Works Department.

(Signed) C. H. T. NORFOR,
Executive Engineer.

Order—No. 1086 I., dated 23rd December 1896.

The following estimate is sanctioned:—

Capital expenditure not charged to Revenue.
49. Irrigation.
Cauvery Delta System.
Open Capital Account.
3. Distributaries.
Unremunerative Work.
Improving the Kali voikal, an offtake of the Vickramanar.

	Rs.	Rs.
2. Land.—Compensation for land	500	500
3. Works.—Head-sluice	1,650	1,650
4. Earthwork.—Excavation	460	460
Total I.—Works		2,610
" II.—Establishment		485
" III.—Tools and plant		5
Total Estimate ...		3,100

2. This sanction is registered as No. 153 I. of 1896-97 and will expire on the 31st March 1898.

3. The actual cost of the present head-sluice, viz., Rs. 530, will be written back by the Examiner of Public Works Accounts from the "Capital" to the "Revenue" account of the Cauvery Delta system, in accordance with paragraph 37, chapter V, Volume II, Public Works Department Code.

4. Ordered that a copy of these Proceedings be forwarded to the Government of India for information.

[Here enter No. 1087 I., dated 23rd December 1896.]

(True Extract.)

Under Secretary to Government,
Irrigation Branch.

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

Exd. Md. Pahilvan.

PUBLIC WORKS DEPARTMENT.

Improving Kali vinkal Irrigation Branch.
an offtake of Vishnavanar River, Tanjore Dt.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

No. 1086 dy 23 December 1896. Under date the

Read the following

From Supdg Engr. V Circle, No. 288. I, 4 dy 20/8/96.

The following
estimate is sanctioned
Capital Expenditure not
charged to Revenue
49. Irrigation.
Cauvery Delta System
Open Capital Account
3. Distributaries
Unremunerative work.
Improving the Kali Vinkal
an offtake of the Vishnavanar

	Rs.	Rs.
2. Land. Compensation for land.	500	600
3. Work. Head sluice	1,650	1,650
4. Earthwork. Excavation.	460	460
Total I. Works.		2,610
II Establishment.		485
III Tools & Plant.		5
Total Estimate		3,100

2. This sanction is registered as No. 153 I of 1896-97. It will expire on the 31st March 98.

3. The actual cost of the present headsluice

viz Rs 530, will be written back by the Examiner of P. W. A from the "Capital" to the Revenue Account of the Cuddapah Division system in accordance with para 37, Chapter V, Vol II, P.W.D Code.

4. Ordered that a copy of these Proc: be forwarded to the Govt of India for information.

No. 1087 Dated 23 December 1896

Endorsement -

Forwarded

Dispd 7/1/97

Public Works (1896) Department.

CURRENT No. 1155 S

Order

From The Superintending Engineer, V Circle.

No. 288 E.S.

Dated 29th November 1896.

Received 17.12.96

Enclosures 7 & 12 Calendars

Spare copies

SUBJECT.

Improving the Kali Vokal an off take of the Vickra-manar—

Returns duly corrected the plan and estimate of Rs. 2610 for—

For the Chief Engr for S. Sd R 9/1/97

Supdg Engr with 6 enclos Dd 11/1/97

Sd V Ws R 7/1/97

I. I. Form No. 1—1,000—27-11-95.

Rankine BR 30-11-96

BACK PAPERS.

G.O.	No.	Department.	Date.
9 677	12 8 96		

R 657 J. dy 18.7.96
R 85 J. —— 7-8-96
I 61 J. 1.8.96
R 85 J. 7.8.96
I 67 J. 12.8.96
I 94 J. 6.11.96

FURTHER PAPERS.

G.O.	No.	Department.	Date.

7. Enclosures.

1. Survey plan in tracing.
1. Plan of head sluice.
2. Level Sheets
1. Report
1. Detailed Estimate
1. Abstract estimate.

1,000—25-2-96.

SUPERINTENDING ENGINEER'S OFFICE,
V CIRCLE, MADRAS,
Chepák, 29th November 1896.

No. 288 E.J.

From Lieutt. Colonel C. C. Rawson R.E., 2P
SUPERINTENDING ENGINEER,
V CIRCLE,

To THE Chief Engineer for Irrigation,
Madras.

SIR,

With reference to your Memorandum No. ~~61~~ 675 of 1st and 12th August 1896 respectively, I have the honour to return duly corrected according to instructions contained in the above, the plan & estimate of Rs. 2610 for improving the Kali Vaikal an off take of the Vichramanar—

2. The actual cost of the present head Sluice of the Kali Vaikal is Rs. 530—

I have the honourable,
Sir
your most obedt servt

C C Rawson
29.11.96 Lt Col R.E.,
Superintending Engineer,
V Circle

26.11.96

From

THE SUPERINTENDING ENGINEER,

V CIRCLE,

To

THE

Dated

Recd. 189

ENCLOSURES.

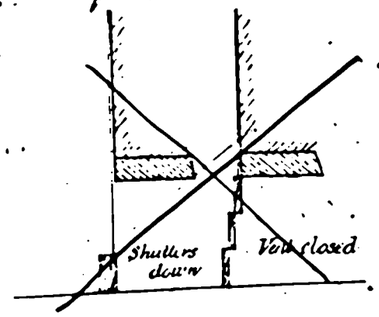
No.

Report & accompanying the Estimate for improving the Kali Vaikal an off take of Vellaramanadi.

Abstract of Estimate Rs 2500-

The Kali Vaikal branching from Vellaramanadi has its head and headsluice at a very disadvantageous point on the Arani channel. It is now nearly 10 years since the present head sluice marked A in the site plan was constructed, and ever since its construction the channel simply gets choked with sand and practically no water enters it for irrigation. The area depending on this headsluice for irrigation is about 2300 acres in Kali Village, and the repeated short supply to these lands is one of the standing grievances of long standing date for the last several years. To relieve the suffering lands from want of proper supply the present headsluice should be abandoned and the head of the channel shifted to a point above the Vellaramanadi bridge on Road No 48 (Vide Site Survey). This will necessitate the construction of a Road Culvert with screw gearing shutters at the point

to here the proposed channel crosses Road ch 245, and a new connecting channel will have to be excavated in Puttah Punjah land nearly from the new head of the channel to a little below the present head sluice. The accompanying plan and Estimate provide for all the necessary improvements stated above. The shutters proposed for the Head sluices are of 2 feet each ~~one foot~~ 1½ feet high, the screens will be attached to ~~the top most~~ both shutters as per plan when water is high. the top most shutter will be screened ~~forward~~ upwards and the area of Vents thus increased as water falls. When water in front falls to F.S.L both the shutters will be raised clear of the Vent. These shutters, if fixed to the head sluices, will fulfil at once the long standing complaint of silt.



2. In the interest of the suffering Ryots of Kali Valay to enable them to irrigate their lands in the ensuing Cultivating season, early sanction of the Estimate is recommended, so that work may be put in hand before floods come down in Rivers.

3. Work will be done according to Standard Specification of the Board.

Executive Engineer

CHIEF ENGINEER FOR IRRIGATION
Received 15 JUL 96
No. 11172

SUPERINTENDING ENGINEER'S OFFICE,
V CIRCLE, MADRAS,
Chepák, 15 July 1896.

No. 14563.

From
Lieut. Colonel C. C. Rawson R. E.
SUPERINTENDING ENGINEER,
V CIRCLE,

To
THE Chief Engineer for Irrigation

SIR,

With reference to paragraph 35 Chapter V Volume II of the Code, I have the honour to submit for sanction under the open Capital Accounts, the enclosed Estimate amounting to Rs. 2,510 for improving the Kali Vaikal an Off take of the Vikramanur.

2. The necessity for the proposed work is explained in the report attached to the Estimate. The work is unremunerative and will be completed by December 1897.

I have the honour to be
Sir
Your most obedt. Servt.

C. C. Rawson
15/7/96
Lieut. Col. R. E.
Supdg Engineer V Circle

Enclosures.
1 Letter Sunny
1 Plan of Head Sluice
2 Land sheets
1 Report.
1 Detailed Estt.
1 Abstract Estt.

14.7.97

1,000—23-2-96.

From

THE SUPERINTENDING ENGINEER,

V CIRCLE,

To

THE Chief Engineer
for Irrigation.

CHIEF
FOR IRRIGATION
21 DEC 95

Dated 18 July 1896.

Recd.

ENCLOSURES. 7

No: 1458 Q.

Kalinikal-Vaikal and the
tank of the Vichiamanar

Submits for Sanction
the Estimate of Rs 2570
for improving the —

Do P/617 dy 1—8—96

Memo

With reference
to letter. No. 1458 Q.,
dy 18 July 1896. from
the Supdg Engr. V Circle
the undersigned has
the honour to request
that he will be so
good as to forward
a classified abstract
estimate by sub heads
for the proposed im-
provements to the
Kalivoikal-
2. As the present
head sluice is to be
replaced by a
new structure, it is
also requested that
the actual or approxi-
mate cost of the
former may be
reported with re-
ference to para 37,
Chapter V. Vol II. P.W.D.
Code. Revd 3/10/96

To the Supdg Engr
V
1018
30/7

P.W.D. E.T. 1153/96

SUPERINTENDING ENGINEER'S OFFICE.

V CIRCLE, MADRAS,

Chepák, 7th August 1896.

No. 1228.

From

Lieut: Colonel C.C. Rawson R.E.

SUPERINTENDING ENGINEER,

V CIRCLE,

To

THE Chief Engineer for Irrigation

SIR,

Enclosures.

With reference to your Memorandum No. V/617 dy 1st Instant, I have the honour to request that you will be so good as to return the plan and Estimate for Improving the Kali voikal, submitted with this office No. 1456 dy 18th July 1896.

I have the honour to be
Sir
your most obedt Servt.

C.C. Rawson
7/8/96
Lt Col. R.E.
Supdg Engineer V Circle

6.8.96 1,000—25-2-97.

From

THE SUPERINTENDING ENGINEER,

V CIRCLE,

To

THE Chief Engineer
For Irrigation

CHIEF ENGINEER
FOR IRRIGATION.
8 AUG. 96
No 8572

Dated 7th August 1896.
Recd.

ENCLOSURES.

No. 18269.

Kali Vaikal.

Requesting to return the plan & Estimate for deepening the —

12.8.96
11.5.96

6
11067 To 9/12-8-96

Memo

With reference to letter No 1828 S dated 7th August 1896, from the Superintending Engineer, Fifth Circle, the undersigned has the honour to return herewith the plans and Estimates amounting to Rs 2510-0-0 for improving the Kali Vaikal and off take of the Vickramanar received with his letter No 1458 S dated 18th July 1896.

The shutters may be reduced to 6'0" so as to fix two instead of the three and the Suptg. Engineer is requested to have the necessary alterations carried out in the plans & estimates before resubmitting them.

12/8/96

7

48·50

The upper shutter to screw down as well as up.

M.F.L 46·50

44·50

SILL 41·50

To

The Suptg. Engineer
V circle

BR 10-8-96

Ch.2
13-10-96

Public Works (1896) Department.

CURRENT No.

Order R/1177

From The Supdg Engineer
5th Circle.

No. 24869.

Dated 10th October 1896.
Received 12-10-96
Enclosures 7 - Secy 18-10-96
Spare copies

SUBJECT.

Kali Vithal Head Sluice.—

Requesting that he may be favoured with a detailed drawing & lists of screw gearing proposed for the—

C.E. 12-10-96

BACK PAPERS.

G.O. Issued	No.	Department.	Date.
I	67	IJ	12-8-96
R	86	I.J	7.8.96
I	61	I.J.	18.9.96

FURTHER PAPERS.

G.O.	No.	Department.	Date.
I	947	6.11.96	
R	124	IJ	29-11-96

SUPERINTENDING ENGINEER'S OFFICE.

V CIRCLE, MADRAS,

No. 2486 J.

Chepák, 10th October 1896

From

Lieuta Colonel C. C. Pawson R.E.

SUPERINTENDING ENGINEER,

V CIRCLE,

To

THE Chief Engineer

for Irrigation.

SIR,

With reference to your Memo No. V/67 TJ dated 12th August 1896, I have the honour to request that I may be favoured with a detailed drawing of the screw-gearing proposed for the Kali Vertical Head Sluice as I do not understand the sketch in the margin of the Memo.

I have the honour to be,

Sir,

Your most obedt. Servt.

C. C. Pawson

Lt. Colonel R.E.

Superintending Engineer,

V Circle.

Enclosures.

1,000—25-2-96.

From

THE SUPERINTENDING ENGINEER,

V CIRCLE,

To

THE

Dated
Reed. } 189 .

ENCLOSURES.

No.

P.W.S. E. 11/1155/1/15

No. V
Q47
Memo.

With reference to letter No. 2486-I dated 10th ultimo from the Superintending Engr. Fifth Circle, the undersigned has the honour to forward herewith a detailed drawing of the screw gearing proposed for the Kali Vaikal Head sluice.

The design has been altered, being simply two screw sluices 20" high each, it being intended that water should be taken by means of the upper sluice as long as possible

5/4/50

W.H. 6/4

The Supdg: Engineer
Fifth Circle.