

9840.

Public Works (1896) Department.

G.O. No. 937-8

DATED 10th November 1896

11/11/96

[Despatch Abstract.]

Shutters: Estimate of Rs. 3080 for providing screw gearing — B. Col. Drake Brockman's pattern to lead sluices of North and South Rajan Channels, Cauvery Delta System, Sanctioned.

Shutters: For providing Pros. Sanctioning an estimate of Rs. 3080 for providing screw gearing — B. Col. Drake Brockman's pattern to lead sluices of North and South Rajan Channels, Cauvery Delta System.

T.C. 10/11

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10/12

G.O.	No.	Department	Date	G.O.	No.	Department	Date

G.O.	No.	Department	Date	G.O.	No.	Department	Date

Forwarding Proceedings sanctioning an estimate of Rs. 3,080 for providing screw gearing — of Colonel Drake-Brockman's pattern to head sluices of North and South Rajan channels, Cauvery delta system.

G.O.	No.	Department	Date	G.O.	No.	Department	Date

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Forwarding Proceedings sanctioning an estimate of Rs. 3,080 for providing screw gearing — of Colonel Drake-Brockman's pattern to head sluices of North and South Rajan channels, Cauvery delta system.

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 Chepāk, 28th September 1896, No. 233 E.I.

With reference to your memorandum No. V/11 T.J., dated 5th February 1896, I have the honour to submit, for sanction, the enclosed plan and estimate of Rupees 2,500 with report for providing screw gearing shutters of Colonel Drake-Brockman's pattern to the head sluices of North and South Rajan channels at Merattur anicut in Tanjore division.

ENCLOSURES.

Report to accompany the estimate for providing screw gearing shutters to the North and South Rajan channels at Merattur anicut.

Amount of estimate Rs.
2,500

Merattur anicut is built across the Vettar, about 15 miles below its head, in Vennar left bank, mile 34, chains 37. The body wall of anicut is 300 feet long and 3 feet high, built of brick-in-mortar. Two channels (North Rajan and South Rajan) take off from the river above the anicut on its north and south flanks, respectively. Those channels are provided with head sluices with vents similar to each other in size. The sills of both the sluices are on the same level and 1 foot below crest of anicut. The anicut being practically a dead wall (although provided with same scouring vents of very small size—*vide* site plan) and the sluices being badly situated, the sand that accumulates above it finds its way very easily into these channels, and consequently complaints have been frequent of short supply on account of silting. To remedy this, it is proposed, in the accompanying estimate, to provide shutters of Colonel Drake-Brockman's pattern (*vide* plan), by means of which the sills of sluices can be temporarily raised to exclude sand from entering the channels. There will be three shutters (with screw rod attached to each) for each vent. When water is high in front the topmost shutter will be lowered down and then the next one below in order to increase the area of vent as water falls. When water in front falls below crest of anicut all the shutters will be raised clear of the vent.

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

ORDER—No. 937 I., dated 10th November 1896.

The following estimate is sanctioned:—

Capital expenditure not charged to Revenue.

49. Irrigation.
Cauvery Delta System.
Open Capital Account.
Vennar Section.
Tanjore Division.
3. Distributaries.

3. Works.

Unremunerative Work.

Providing screw gearing shutters of Colonel Drake-Brockman's pattern to head sluices of North and South Rajan channels.

I. Works	...	...	...	...	...	...	Rs.
II. Establishment	...	...	...	...	...	...	2,500
III. Tools and plant	...	...	...	...	...	...	573
							5
Total, Estimate	...	...	...	...	...	...	3,080.

2. This sanction is registered as No. 134 I. of 1896-97 and will expire on the 31st March 1898.

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

[Here enter No. 938 I., dated 10th November 1896.]

(True Extract.)

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

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

ENDORSEMENT—No. 938 I., dated 10th November 1896.

Forwarded.

(By order.)

Joint Secretary to Government,
Irrigation Branch.

IRRIGATION.
ACCOUNT.

Government (1896) of Madras.
PUBLIC WORKS.

<i>Recd.</i>	}	<i>1896.</i>	<i>Enclosures</i>
<i>Regd.</i>		<i>Spare copies</i>	

G.O., No. 937 I., 10th November 1896.

NOVEMBER.

Shutters

Estimate of Rs. 3,080 for providing screw gearing — of Colonel Drake-Brockman's pattern to head sluices of North and South Rajan channels, Cauvery delta system, sanctioned.

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 Chepak, 28th September 1896, No. 233 E.I.

With reference to your memorandum No. V/11 T.J., dated 5th February 1896, I have the honour to submit, for sanction, the enclosed plan and estimate of Rupees 2,500 with report for providing screw gearing shutters of Colonel Drake-Brockman's pattern to the head sluices of North and South Rajan channels at Merattur anicut in Tanjore division.

ENCLOSURE.

Report to accompany the estimate for providing screw gearing shutters to the North and South Rajan channels at Merattur anicut.

Amount of estimate Rs. 2,500

Merattur anicut is built across the Vettar, about 15 miles below its head in Vennar left bank, mile 34, chains 37. The body wall of anicut is 300 feet long and 3 feet high, built of brick-in-mortar. Two channels (North Rajan and South Rajan) take off from the river above the anicut on its north and south flanks respectively. These channels are provided with head sluices with vents similar to each other in size. The sills of both the sluices are on the same level and 3 feet below crest of anicut. The anicut being practically a dead wall (although provided with same scouring vents of very small size—*ride sito* plan) and the sluices being badly situated, the complaints have been frequent of short supply on account of silting. To remedy this, it is proposed, in the accompanying estimate, to provide shutters of Colonel Drake-Brockman's pattern entering the channels. There will be three shutters (with screw rod attached to each) for each vent. When water is high in front the topmost shutter will be lowered down and then the next one below in order to increase the area of vent as water falls. When water in front falls below crest of anicut all the shutters will be raised clear of the vent.

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

ORDER—No. 937 I., dated 10th November 1896.

The following estimate is sanctioned :—

Capital expenditure not charged to Revenue.					
49. Irrigation.					
Cauvery Delta System.					
Open Capital Account.					
Vennar Section.					
Tanjore Division.					
3. Distributaries.					
3. Works.					
Unremunerative Work.					
Providing screw gearing shutters of Colonel Drake-Brockman's pattern to head sluices of North and South Rajan channels.					
I. Works	...	...	...	...	Rs.
II. Establishment	...	...	...	...	2,500
III. Tools and plant	...	...	...	...	575
	...	...	...	...	5
Total, Estimate	...	...	...	...	3,080

2. This sanction is registered as No. 134 I. of 1896-97 and will expire on the 31st March 1898.

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

[Here enter No. 938 I., dated 10th November 1896.]

(True Extract.)

Under Secretary to Government,
Irrigation Branch.

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

Ed. C. M. Driscoll.

Public Works (1896) Department.

CURRENT No. 9840

Order

10
From
The Supg Engineer
Left Circle

No. 233 E.J.

Dated 28th Sept-1896

Received 2. 10. 96.

Enclosures 5 (2nd plans)

Spare copies

SUBJECT.

Screw gear shutters to Col
Drake's workman's pattern -
Submitting for sanction plan
and estimate of Rs 2500/- with
report for working to the
H. & S. of North South
Bay in channels at Maratha
Anicut in Tanjore dist

BACK PAPERS.

FURTHER PAPERS.

SUPERINTENDING ENGINEER'S OFFICE,

V CIRCLE, MADRAS,

Chepdk, 28th Sept. 1896.

No. 233 G.S.

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

V CIRCLE,

To The Chief Engineer for Irrigation

SIR,

With reference to your Memorandum No. $\frac{V}{11 J. J.}$ of 5th February 1896, I have the honour to submit for sanction, the enclosed plan and estimate of Rs. 2,500 with report for providing screw gearing shutters of Colonel Drake-Brockman's pattern to the head sluices of North and South Rajen channels at Inerattur anicut in Tanjore Division.

I have the honour to be
Sir

Your most obedt. Servt.

C. C. Rawson
27/9/96 M.L. R. E.
Supt. Engineer V circle

Enclosures. 5

- 1 Plan of Shutter.
- 1 -do- anicut.
- 1 Report.
- 1 Detailed Est.
- 1 Abstract -do-
- 5

From

THE SUPERINTENDING ENGINEER,

V CIRCLE,

To

THE

Dated

Recd.

189 .

ENCLOSURES.

No.

RECEIVED
10872

Report to accompany the Estimate for providing
Screw gearing shutters to the North and South Rajan
channels at Mherathur Anicut.

Amount of Estimate Rs 2500. 385

Mherathur Anicut is built across Vettar, about
15 miles below its head, in Vennar L. B, mile 34, chain 37.
The body wall of anicut is 300 feet long and 3 feet
high, built of brick in mortar. Two channels (North
Rajan & South Rajan) take off from the River above
the Anicut on its north and south flanks respectively.
These channels are provided with Head sluices with
vents similar to each other in size. The sills of
both the sluices are on the same level and 3 feet below
crest of Anicut. The Anicut being practically a
dead wall (although provided with some scumming
vents of very small size, vide site plan) and the
sluices being badly situated, the sand that accumu-
lates above it finds its way very easily into these
channels, and consequently complaints have been
frequent of short supply on account of silting. To
remedy this, it is proposed in the accompanying
Estimate to provide shutters of ^{Dr. L. C.} Col. Brookman's
pattern (vide plan) by means of which the sills
of sluices can be temporarily raised to exclude
sand from entering the channels. There will be

Three

three shutters (with screw rod attached to each)
for each vent. When water is high in front
the topmost shutter will be lowered down
and then the next one below in order to increase
the area of vent as water falls. When water
in front falls below crest of apron all the shutters
will be raised clear of the vent.

Elkington
Executive Engineer

Dec
25/8

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12.11.96

110872
-3

No. 937 of 10th November 1896.
PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

Read the following

From Supt. Engr. & Engr. N. 233 E.S., of 28-9-96.

The following
estimate is sanctioned:-

Capital Expenditure not
charged to Rev.

49. Irrigation
Canvey Delta System
Open Capital Account.

Nemmar Section
Tanjore Dist.

3. Distributaries
3. Works.

Unremunerative work -
Providing screw gearing for
of Col. Drakebrockman's
pattern to head sluices
of North & South Rajin
Channels -

	Rs
I. Works . . .	2500
II Establishment .	575
III Tools & Plant .	5
Total Estimate	<u>3080</u>

2. This sanction
is registered as No.
1349 of 1896-97 with

Source

W.H.
6/11/96

23

expire on the 31st March 1908.

3. Ordered that a copy of these Procs. be forwarded to the Govt of India for information.

Indorsement
13 7 5 5 17 10⁰⁰ November 1896.
Forwarded.

C. H.
28/10
26

W. H.
28/10

7.2
5.1
18.4
1.14
7.5

To
The Chief Engineer
Simpson's V with 4 enclos
S. J. W.

ACB
26/10
1896

F. J. Form No 1-1,000-57-11-96.

H. S. 3/11 26/11