Public Works (1896) Department.

G.O., No. 473 / 473/A dt

Dated 4-6-96

[Despatch Abstract.]

Shutters: Estimate of Rs 7,210 for fitting the Muditondaur bridge, Cauvery Delta System, with —, sanctioned, and copy of the proceedings ordered to be forwarded to the Govt of India.

=

Forwarded.

=

[P.W. 28 1000-23-10-96]

DACCA 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, 4th.

Read. *Encl.*

G.O. No. 473 I., 4th June 1896.

JUNE.

Shutters

Estimate of Rs. 7,210 for fitting the Mudikondanar bridge, Cauvery delta system, with —, sanctioned.

No. 473 I., 4TH JUNE 1896.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following paper:—

From Lieutenant-Colonel A. W. SMART, R.E., Superintending Engineer on Special Duty, to the Chief Engineer for Irrigation, dated Tanjore, 7th April 1896, No. 196.

I have the honour to forward plans and estimate for fitting the Mudikondanar bridge with shutters, to allow of a proper distribution of water between that river and the Codamurty.

ENCLOSURE.

REPORT to accompany the estimate for fitting Mudikondanar road bridge with iron lift shutters.

	RS.
Amount of estimate	5,860

The Mudikondanar branches from the Codamurty 3 miles below the Thirumalarajen head. The Thirumalarajen has been provided with a head work divided into shuttered bays of 10 feet. It is now proposed to fit the Mudikondanar bridge with two large shutters $31\frac{1}{4} \times 4\frac{1}{2}$ feet to allow of a fair distribution of the available supply between this river and the Codamurty. The division of water at present is very unequal in spite of the raising of the floor level of the Mudikondanar bridge by 3 feet. It is not advisable to adapt the bridge to the usual 8 to 10 feet shutter, as the curtailment of water-way would be considerable, and the water-way has already been reduced by the raising of the floor. Any further reduction might be dangerous.

The cost of a completely new work in front of the bridge would be considerably greater than of the work now proposed. The design of the shutters has been worked out after considerable discussion with Mr. Moss, the Superintendent of the Public Works Department Shops, Madras, and the cost is about one-fourth of what the cost of similar shutters on Mr. Stoney's patent design would be.

There is no necessity for a similar work across the Codamurty, as that river is generally on a higher level than the Mudikondanar. It will be only necessary to work the proposed shutters in order to force a supply into the Codamurty.

ORDER—No. 473 I., dated 4th June 1896.

The following estimate is sanctioned:—

Capital expenditure not charged to Revenue.
49. Irrigation.
Cauvery Delta System.
Open Capital Account.
2. Main Canals and Branches.
3. Regulators.
Unremunerative work—Fitting the Mudikondanar bridge with shutters.

	RS.
I. Works	5,860
II. Establishment	1,348
III. Tools and plant	2
Total estimate ...	7,210

2. This sanction is registered as No. 47 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. $\frac{473}{A}$ I., dated 4th June 1896.]

(True Extract.)

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

To the Chief Engineer for Irrigation.
" Superintending Engineer, V Circle, with four enclosures.
" " on Special Duty.
" Examiner, Public Works Accounts.
" Revenue Department.

Date.

Extd. T. K. Narayana Aiyangar.
Spare Copies

IRRIGATION.
ACCOUNT.

Govt. of {1896} Madras.

PUBLIC WORKS.

Dated June, 4th.

Recd. *Encl.*

G.O. Nos. 473, $\frac{473}{A}$ I., 4th June 1896.

JUNE.

Shutters

Forwarding a copy of the Proceedings sanctioning an estimate of Rs. 7,210 for fitting the Mudikondanar bridge, Cauvery delta system, with —.

No. 473 I., 4TH JUNE 1896.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following paper:—

From Lieutenant-Colonel A. W. SMART, R.E., Superintending Engineer on Special Duty, to the Chief Engineer for Irrigation, dated Tanjore, 7th April 1896, No. 196.

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The cost of a completely new work in front of the bridge would be considerably greater than of the work now proposed. The design of the shutters has been worked out after considerable discussion with Mr. Moss, the Superintendent of the Public Works Department Shops, Madras, and the cost is about one-fourth of what the cost of similar shutters on Mr. Stoney's patent design would be.

There is no necessity for a similar work across the Codamurty, as that river is generally on a higher level than the Mudikondanar. It will be only necessary to work the proposed shutters in order to force a supply into the Codamurty.

ORDER—No. 473 I., dated 4th June 1896.

The following estimate is sanctioned:—

Capital expenditure not charged to Revenue.
49. Irrigation.
Cauvery Delta System.
Open Capital Account.
2. Main Canals and Branches.
3. Regulators.

Unremunerative work—Fitting the Mudikondanar bridge with shutters.

	RS.
I. Works	5,860
II. Establishment	1,348
III. Tools and plant	2
Total estimate ...	7,210

2. This sanction is registered as No. 47 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. $\frac{473}{A}$ I., dated 4th June 1896.]

(True Extract.)

(Signed) R. R. E. DRAKE-BROCKMAN, Colonel, R.E.,
Secretary to Govt., P.W.D.,
Irrigation Branch.

To the Chief Engineer for Irrigation.
" Superintending Engineer, V Circle, with four enclosures.
" " " on Special Duty.
" Examiner, Public Works Accounts.
" Revenue Department.

ENDORSEMENT—No. $\frac{473}{A}$ I., dated 4th June 1896.

Forwarded.

(By order.)

Colonel, R.E.,
Secretary to Govt., P.W.D.,
Irrigation Branch.

Date.

Date.

Exd. T. K. Narayana Aiyangar.
Spare Copies

A No. 473 I, dy 4th June 1896.

PUBLIC WORKS DEPARTME
IRRIGATION BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 3

READ the followi

From Supdg Engr on Special duty, no.
196 dy 7-apr
The follo
Estimate is sa
tioned:—
Capital Expenditu
not charged to R
49. Irrigatio
Cauvery Delta Sys
Open Capital Accou
2. Main Canals &
Branche
3. Regulators
Unremunerative Work—
Fitting the Mudicon
danar bridge with
Shutters.
I Works . . . Rs 5860
II Establishment . 1348
III Tools & Plant . 2
Total Estimate 7,210

A.S.H. 26.5.96

This sanction is registered as No 479 of 1896-97 under Act- fine on the 31st March 98.

Ordered that a Copy of these Proc: be forwarded to Govt of India for information.

Endorsement -
No 473 A, dated 4-6-98.
Forwarded.

15/5

Amedts 19/5 EG

DESPATCH
20 JUN. 98

To the Chief Engr for I.
Supt Engr Karachi (with 4 encls.)
Dr. Mr Specialist
duty.
Ex I. Mil Dept.
Rly Dept.
Mil Works

Date.

Report to accompany the estimate f
fitting Mudiconsanar Road bridge with
lift shutters.

2

Amount of Estimate Rs 5860

The Mudiconsanar branches from the Co
-marty 3 miles below the Thirumalarajan
The Thirumalarajan has been provided (w
head work divided into shuttered bay
10 feet. It is now proposed to fit the M
-danar bridge with two large shutters 3 1/4 x
to allow of a fair distribution of the availa
supply between this river and the Codam
The division of water at present is very
-equal inspite of the raising of the floor
of the Mudiconsanar bridge by 3 ft. It is
advisable to adapt the bridge to the us
8 to 10 ft shutter, as the curtailment of
waterway would be considerable, and the
waterway has already been reduced by the
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might be dangerous.

The cost of a completely new work in fro
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than of the work now proposed. The design of
shutters has been worked out after conside
discussion with Mr Moss the Superint
-end of the D.P.W Shops, Madras, and the

Cost

Encls 4-
1. Tracing plan
1. Specification for Shutter.
1. Detail Note in 3 Sheets-
1. abstract in 2 Sheets
4

Date.

E. I. Form No. 1—500—14-5-95.

about
cost w[illegible] of what the cost of similar
shutters on Mr Stoney's patent design
would be.

There is no necessity for a similar
work across the Codamonty as that river
is generally on a higher level than the
Mud Condamine. It will be only necessary
to work the proposed shutters in order
to force a supply into the Codamonty.

Am Smart
Lt Col RE

Superintending Engineer
on special duty
7.4.96

CHIEF ENGINEER FOR IRRIGATION
CAMBRIDGE
No. 672

Circle 4

Owen 4
5022/96

No 196

Office of Superintending Engineer
Convey Completion Estimate
Tanjore dated 7th April 96

From.

A. W. Smart. Lt. Col. RE
Superintending Engineer
on Special duty

To.

The Chief Engineer for
Irrigation
Madras.

Sir,

I have the honor to forward plans and estimate for fitting the Mudicondan bridge with shutters to allow of a proper distribution of water between that river & the Coleroon.

Encl. 5
1. Report.
1. Tracing plan
1. Detail estimate in 3 Sheets
1. Abstract Estimate in 2 Sheets
1. Specification for Shutter.

I have the honor to be
Sir,
your most obedient Servant

A. W. Smart Lt. Col. RE
Superintending Engineer
on Special duty

CHIEF ENGINEER FOR IRRIGATION
No. 57422
Rs. 59 Va

P. W. D. 10TH CIRCLE
P 14 96
No 1677 Cal

CHIEF ENGINEER FOR IRRIGATION
No. 57422
Rs. 59 Va

From

A. W. Leach Lt. Col. R.E.
Superintending Engr
on Special duty

To Chief Engineer for
Irrigation
Madras

No. 196

Dated 7th April 96
Despd 7th
Recd

Subject:- Submitting for sanction Estimate Rs 5860. for fitting the Madiconda anicut below its head with shutters.

Encls 5 (Five)

Accts 3.6.96

No P/14 Stt dated 6th May 1896
Encl 5

Referred to the Superintending Engineer 1st Circle, for any remarks he may wish to offer on Colonel Smart's plans before the estimate for the work is submitted for the sanction of Government

(By order)

J. Buchanan
Asst. Chief Engr for Irrigation

No. 121 W

Encls 5 Cls Enclosure
Lt. Col. R.E.
Camp Moradachi
4th Jan 1896

Copy of Encls