

9649

Public Works (1896) Department.

G.O., No. 91720

DATED 3rd November 1896.

Canvey Delta System [Despatch Abstract.] Estimates amounting to Rs. 10,900 and Rs. 6120 respectively for clearing Marakattayan channel and for improving Melapumalai dam across Marakattayan and providing a new head to the Melapumalai channel, —, sanctioned with remarks

Canvey Delta System. Forwarding Govt. sanctioning with remarks estimates amounting to Rs. 10,900 and Rs. 6120 respectively for clearing the Marakattayan channel and for improving Melapumalai dam across Marakattayan and providing a new head to the Melapumalai channel, —.

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IRRIGATION.
ACCOUNT.

Government [1896] of Madras.
PUBLIC WORKS.

Recd.

Regd.

} 1896.

Enclosures

Spare copies

G.O., Nos. 919, 920 I., 3rd November 1896.

NOVEMBER.

Cauvery Delta System

Forwarding Proceedings sanctioning, with remarks, estimates, amounting to Rs. 10,900 and Rs. 6,120, respectively, for clearing Marakakaryar channel and for improving Melaperumalai dam across Marakakaryar and providing a new head to the Melaperumalai channel, —.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

Read—the following papers:—

From Lieutenant-Colonel C. C. RAWSON, R.E., Superintending Engineer, V Circle, to the Chief Engineer for Irrigation, dated Chepak, 2nd September 1896, No. 199 E.I.

I have the honour to submit for sanction the enclosed estimates for the following works:—

- (1) Maintenance and repairs—Estimate for Rs. 10,900 for clearing the Marakakaryar channel.
- (2) Under 49. Open Capital Account not charged against Revenue as per paragraph 36 (c), chapter V, India Code, Volume II—Estimate for Rs. 4,970 for improving Melaperumalai dam across Marakakaryar and providing a new head to the Melaperumalai channel.
2. The work is not directly remunerative, but necessary for the full development of the Cauvery delta project. It is not ascertainable when the original works were built, and their present estimated cost is about Rs. 2,500.
3. The work will be completed by March 1899.
4. The necessity for the works is explained in the report which accompanies the estimate.
5. These estimates have been revised according to Lieutenant-Colonel Smart's instructions.
6. There is enough of Government poramboke land on both sides to throw the spoil on, except for a length of about a furlong where the ryots have agreed to allow the spoil to be deposited without claiming any compensation.

Memorandum to the Superintending Engineer on Special Duty, Cauvery Completion Estimate, Tanjore, dated 3rd October 1896, No. 159 S.A.

The marginally-noted estimates reported to have been revised in accordance with instructions from Colonel Smart are forwarded to him for remarks, especially with reference to the retention and extension of Melaperumalai dam. Its retention seems opposed to the general policy of removing dams across drainages. If, for the sake of economy or other reason, it is considered advisable to retain the dam, the increase of its length to 180 feet, which is greatly in excess of the bed width of the drainage, should be explained.

(Signed) W. HUGHES,
Chief Engineer for Irrigation.

From Lieutenant-Colonel A. W. SMART, R.E., Superintending Engineer on Special Duty, Tanjore, to the Chief Engineer for Irrigation, dated 14th October 1896, No. 659.

With reference to your No. 159 S.A., dated 3rd October 1896, I have the honour to state that vested rights will not allow of our getting rid of irrigation dams in drainages except at prohibitive cost, and I can see no reason for doing so. As long as the waterway is sufficient and dams when over, say, 3 feet, are fitted with moveable shutters, there is no objection to their retention in drainages.

2. With reference to the Melaperumalai dam in the Marakakaryar, in my opinion, the waterway allowed, 180 feet, though in excess of the calculated requirement of the channel, is not too great, because—

- (1) the existing dam has been turned on previous occasions;
- (2) In excessive falls of rain the channel may relieve itself by bursting its banks which are easily repaired afterwards; the masonry work cannot so relieve itself without being partly destroyed leading to considerable expense for restoration.
- (3) It seems to me a sound principle to allow, in drainages where the actual discharges are often difficult to calculate, a greater waterway in dams than the known ordinary discharge of the channel would appear to warrant. I have seen myself—times out of number—masonry dams partially or wholly destroyed because of the non-recognition of this principle.

No. 197 I.

Submitted to Government with a recommendation that the estimates forwarded by the Superintending Engineer, V Circle, be sanctioned.

(Signed) W. HUGHES,
Chief Engineer for Irrigation.

23rd October 1896.

ORDER—No. 919 I., dated 3rd November 1896.

The following estimates are sanctioned:—

Irrigation.	
42. Major Works (Working Expenses).	
Cauvery Delta System.	
Vonnar Section.	
2. Maintenance and Repairs.	
3. Distributaries.	
3. Earthwork.	
(1) Clearing Marakakaryar Channel.	
Estimate	Rs.
...	...
...	...
...	...
...	...
...	...
...	10,900
Capital Expenditure not charged to Revenue.	
49. Irrigation.	
Cauvery Delta System.	
Vonnar Section.	
Open Capital Account.	
3. Distributaries.	
3. Works.	
Unremunerative Work.	
(2) Improving Melaperumalai dam across Marakakaryar and providing a new head to the Melaperumalai channel.	
I. Works	Rs.
...	...
...	...
...	...
...	...
...	...
...	4,970
II. Establishment	...
...	...
...	...
...	...
...	...
...	1,143
III. Tools and plant	...
...	...
...	...
...	...
...	...
...	7
Total estimate	6,120

No. 919 I., 3RD NOVEMBER 1896.

2. This sanction is registered as No. 133 I. of 1896-97. The sanction accorded to item (2) will expire on the 31st March 1899.
3. The present estimated cost of the works to be replaced, viz., Rs. 2,500, will be written back by the Examiner of Public Works Accounts from the "Capital" to the "Revenue Account" of the Cauvery delta system.
4. Ordered that a copy of these Proceedings be forwarded to the Government of India for information.

[Here enter No. 920 I., dated 3rd November 1896.]

(True Extract.)

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

To the Chief Engineer for Irrigation.

- „ Superintending Engineer, V Circle, with fifteen enclosures.
„ Examiner, Public Works Accounts.

ENDORSEMENT—No. 920 I., dated 3rd November 1896,

Forwarded.

(By order.)

Joint Secretary to Government,
Irrigation Branch.

Public Works (1896) Department.

CURRENT No.

Order within

From

*The Chief Engineer
for Irrigation*

No. 1778

Dated 23rd Decr. 1896.

Received 26.10.96

Enclosures 18 (107 lines)

Spare copies 2

litt. 2096

SUBJECT.

*Estimates for clearing Kaveri
- Kaveri channel and
improving the lower
- Kaveri dam.*

Capital Expenditure not charged to Rev.

49. Migration
Canvey Delta System
Kannur Section
Open Capital Account
3. Distributaries
3. Works.

Reimbursement work -
(2) Improving Melaperumalai dam across Marakakaryar & providing a new head to the Melaperumalai channel.

Rs
I. Works . . . 4970/-
II. Establishment. 1143/-
III. Tools & Plant . 7/-
Total, Estimate 6120/-

2. This sanction is registered as No. 133 J of 1896-97. The sanction accorded to item (2) will expire on the 31st March 199.

3. The present estimated cost of the works to be replaced

viz Rs 2500, will be written back by the Examiners of P.W.D from the Capital to the Revenue Account of the Canvey Delta System.

L. Vasanthakumari. Asst. Secy. to the Govt. P.W.D. for

170.39 558

தமிழ்நாடு ஆவணக் கமிட்டி.
(ஆராய்ச்சிக்காகும்)

ஆவணங்களுக்கான கோரிக்கை.
எட்டிய விவரம்.

தொகுதி எண். அ.ஆ.வ.ந. எண்.	எட்டிய எண்.	பிறை.
C.O 919,920 I		
3rd Nov/1896		P.W.D. 10 signon

மதி: 24-3-87
குறிப்பு - (1) ஒரே கோரிக்கையில் ஒன்றுக்கு மேற்பட்ட அறைகளைத் தொடர்புள்ள ஆவணங்களைச் சேர்க்கக்கூடாது.
(2) கோரிக்கை இரட்டைப் படிக்கவாக எழுதப்படவேண்டும்.

Recd 24/11 To the Chief Insp to J. Supp Insp V. 15 Sub. & P.W.D.

LCIS 21/10

Public Works (1896) Department.

CURRENT No.

13
5-2c

Order

From

Lt. Col. A. W. Smart R.E.
Superintending Engineer
Cust. duty
Singapore.

No. 659

Dated 14th October 1896.

Received

Enclosures Three.

Spare copies

SUBJECT.

Malaperumalai Dam

Returns the estimation &c.
for the — with remarks for
the retention and extension
of the —

BH.
17/10/96

BACK PAPERS.

G.O. Serial	No.	Department.	Date.
J	159	S.R.	3-10-
R	99	J.f	2.9.96

Office of the Superintending Engineer
Canary Completion Estimate.
Tanjore dated 14th October 1896.
Sept 16th

From

Lt. Col. H. W. Smart R.E.
Superintending Engineer and
duty
Tanjore.

To

The Chief Engineer
for Irrigation
Madras.

Sir,

With reference to your no 159 S.A.
dated 3rd October 1896, I have the honor
to state that vested rights will not
allow of our getting rid of irrigation dams
in drainages except at prohibitive cost
and I can see no reason for doing so.
As long as the waterway is sufficient
and dams, when over say 3 feet, are
fitted with moveable shutters, there is
no objection to their retention in drainages.

2.

With reference to the Melapermal
dam in the Marakkarar, in my
opinion the waterway allowed 180 feet
though in excess of the calculated
requirement.

Enc. 12.
1. Est. Rs. 10,900
for clearing dilt
in Marakkarar
2. Est. Rs. 4,970
for improving Melapermal
Dam.
3. Section plans do
12

requirement of the channel, is not too great, because:—

(1) the existing dam has been turned on previous occasions;

(2) In excessive falls of rain the channel may relieve itself by bursting its banks which are easily repaired afterwards, the masonry work cannot so relieve itself without being partly destroyed leading to considerable expense for restoration.

(3) It seems to me a sound principle to allow, in drainages where the actual discharges are often difficult to calculate, a greater waterway in dams than the known ordinary discharge of the channel would appear to warrant. I have seen myself times out of number, masonry dams partially or wholly destroyed because of the non-recognition of this principle.

I have the honor to be,
Sir

Your most obedt servant

W. P. Col. R. R.
Superintending Engineer
On special duty.

Public Works (189) Department.

CURRENT No.

Order

From

The Chief Engineer
for Drainage

No. 15787

Dated 3rd October 1891

Received

Enclosures

Spare copies

SUBJECT.

Malaparamba Drain
I forward the within noted
Estimates for repair &c
especially with reference
to the retention and
extinguishing of—

10754
No. 4/3. 10. 96

deems.

Submits for Rs. 10,000. for clearing
Mankaharyan channel -
Canvey Delta System.

Submits for Rs. 6,120. for improving
Mekapommalai dam across
Mankaharyan and providing a
new head to the Mekapommalai
Channel. - Canvey Delta System.

The marginally noted estimates
referred to have been reviewed in
accordance with instructions
from Col. Smith are forwarded
to him for remarks, especially
with reference to the retention
and extension of Mekapommalai
dam - Its retention seems
opposed to the general policy
of removing dams across
channels. If for the sake of
convenience or other reasons
considered advisable to retain the
dam the increase of its length to
100 ft. which is partly in
the axis of the bed and the of the
drainage should be
explained.

31.1.96 W.H.

To the Deputy Engineer in Charge, S. Eng. Div.
Canvey Completion District,
Travancore.

Public Works (189) Department.

CURRENT No. ¹⁸⁹ 7-926

Order

From
The Supt Engineer
5. Field.

No. 19989.

Dated 2nd September 1896.

Received

Enclosures 12.

Spare copies

SUBJECT.

Marathasagar Channel.

*Submits for sanction
an Estimate amounting
to Rs. 10,000. for clearing
the —*

*Subd 7/9
9/9*

FURTHER PAPERS.

G.O.	No.	Department.	Date.
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R 139 S. S. - 14.12.96

No. 199 E.S.

SUPERINTENDING ENGINEER'S OFFICE,

V CIRCLE, MADRAS,

Chepak, 22. September 1896.

From Lieut. Colonel C. C. Rawson R. E.

SUPERINTENDING ENGINEER, V CIRCLE,

To Chief Engineer
for Irrigation

SIR,

I have the honour to submit for

Enclosures. 12. Sanction the enclosed Estimates for the

7 Estimates
3 Drawings
1 Estimate of
Rs. 10,900.
1 of Rs. 4,970
into 2 parts.

following works: -

Maintenance and Repairs.

1. Estimate for Rs. 10,900 for clearing the Marakakanyar channel.

Under 49 open Capital Account not charged against Revenue as per para 36 (C) Chapter V India Code Volume II.

2. Estimate for Rs. 4,970 for Improving Melaperumalai Dam across Marakakanyar and providing a new Head to the Melaperumalai channel.

Rec

The work is not directly remunerative but necessary for the full development of the Canvey Delta Project. It is not ascertainable when the original works were built, and their present estimated cost is about Rs. 2,500.

The work will be completed by March 1897.

The necessity for the work is explained in the report which accompanies the Estimate.

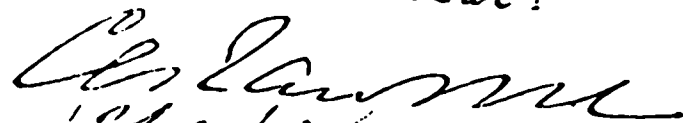
These Estimates have been revised ^{according to} as per Lt Colonel Smart's instructions.

There is enough of Govt. Poramboke land on both sides to throw the spoil on except for a length of about a furlong where the ryots have agreed to allow the spoil to be deposited without claiming any compensation.

I have the honour to be

Sir

Your most obedt. Servt.



19/9/96
M. J. R. E.
Supt. Engineer & Circle

From

THE SUPERINTENDING ENGINEER,
V CIRCLE,

To

THE

Dated

Reed.

} 189 .

ENCLOSURES.

No.

1650.

25

Paper taken out of the Records from the charge of the Referencer.

Paper taken out of the Records from the charge of the Referencer.
 1919-10, dated 3-1-1919.

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T.C.
3/11

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