8244

Public Works (1898) Department.

G.O., No. 820 / 821

DATED 25th Feby 1898.

[Despatch Abstract.]

Eluore Canal

Supplemental Estimate Rs 1968 in connection with the Cross drainage Works, ——, Godavari Delta System. Sanctioned G.O. Nos. 820 & 821 dated 25th Feby 1898. to be forwarded to the Govt of India.

Eluru Canal

Forwarding Copy of Govt: Sanctioning a Supplemental Estimate of Rs 1968 in connection with the Cross drainage Works, ——, Godavari Delta System.

[P. W. 36. 1,000—12-2-98.]

Indexed.

Registered 24-10-98

(R.D).

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 {1898} of Madras.

PUBLIC WORKS.

Recd. } 1898. *Enclosures*

Regd. *Spare copies*

G.O., Nos. 820, 821 I., 25th October 1898.

OCTOBER.

Ellore Canal

Forwarding copy of Proceedings sanctioning a supplemental estimate of Rs. 1,968 in connection with the cross drainage works, —, Gódávari delta system.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

Read—again the following paper:—

G.O., No. 391 I., dated 12th May 1898.

Read—also the following papers:—

From W. C. DeMORGAN, Esq., M.I.C.E., Superintending Engineer, I Circle, to the Chief Engineer for Irrigation, dated Camp Dowlaishweram, 25th August 1898, No. 1135 G.D.

With reference to your No. 391 I., dated 12th April 1898, communicating certain remarks of the Government of India on the design of No. 4 outlet, Ellore canal, I have the honour to inform you that, in my opinion, it is not advisable to shift the heads of Nos. 2 and 3 Palagudem irrigation channels, to admit of constructing the outlets at distances of at least 200 feet from the escape.

2. In the first place, the alteration of the alignment of the channels would be expensive and possibly result in throwing a considerable area of land out of cultivation; and *secondly*, by moving the position of the outlets to a distance from the natural line of drainage which starts at *No. 4* escape, a large area of cultivated land might be submerged, by surplus water finding its way across country.

3. It will be better, therefore, to adhere to the original plan and strengthen the groynes.

4. Proposals have been submitted by the Executive Engineer for increasing the length and section of the groynes. The revetment on the escape side will be taken well below the scour in the rear, and on the outlet side below the foundations of the new work. These additions appear to me ample; and a plan and estimate for them are submitted. The sanctioned estimate will be increased by Rs. 1,900.

5. The other designs have been scrutinized and the depths of foundations appear ample.

No. 247 I.

Note by the Acting Chief Engineer for Irrigation.

The Government of India sanctioned the estimate of Rs. 23,700 for constructing cross drainage works, Ellore canal, in the Gódávari Western division, subject to the condition that the two pitched groynes on the down stream side of the escape should be made longer and stronger than provided, and asked the Madras Government to consider whether it would not be better to move the heads of the irrigation channels so that the outlets might be at least 200 feet from the escape. The Superintending Engineer gives his reasons in the letter read above for not altering the positions of the heads of the irrigation channels and submits proposals for strengthening the groynes with which the Chief Engineer for Irrigation concurs generally, but considers that there is no necessity to make such deep excavations in the hard drain bed below No. 4 outlet to found the toe wall; on the escape side, however, the revetment can be

carried down lower as shown on the plan. The supplemental estimate of Rs. 1,900 submitted by the Superintending Engineer has accordingly been reduced in this office to Rs. 1,600, and is recommended for sanction.

(Signed) J. C. LARMINIE,
Ag. Chief Engineer for Irrigation.

26th September 1898.

Order—No. 820 I., dated 25th October 1898.

Under rule V (*c*), paragraph 35, chapter V, Volume II, Public Works Code, the following supplemental estimate involving an excess of Rs. 1,968 over the estimate of Rs. 23,700 sanctioned by the Government of India in its letter, No. 72 I., dated 22nd April 1898, printed with G.O., No. 391 I., dated 12th May 1898, is sanctioned:

Capital Expenditure not charged to Revenue.
49. Irrigation.
Gódávari Delta System.
Open Capital Account.
Western Section.
I. Works.
2. Main Canals and Branches.
Ellore Canal.
5. River and Hill Torrent Works.
Unremunerative Work.
Cross Drainage Works.

	Rs.
I. Works	1,600
II. Establishment	368
Total Estimate ...	1,968

2. This sanction is registered as No. 83 I. of 1898-99, and will expire on the 31st March 1900.

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

[Here enter No. 821 I., dated 25th October 1898.]

(True Extract.)

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

To the Chief Engineer for Irrigation.
„ Superintending Engineer, I Circle,
with seven enclosures.
„ Examiner of Public Works Accounts.

Endorsement—No. 821 I., dated 25th October 1898.

Forwarded.

(By order.)

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

Exd. T. K. Narayana Aiyangar.

Public Works (1898) Department.

CURRENT No. 8244

From The Chief Engineer for Irrigation

Order

No. 247 S

Dated 26.9.98

Received 4.10.98

Registered 4.10.98

Enclosures 6 7 8 (5 plans)

Spare copies

SUBJECT.

Constructing cross drainage works - Ellore Canal - Sodavaram Nebtur Do - Estimate of Rs. 1000 as amended in the Ch'a for — Note recommending for sanction to —

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BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Estimate for construction of Cross drainage works, Ellore Canal – Godavari Western Div.

UNDER date the 15th

READ the following

Read | Proceedings of the Madras Govt. P. W. D. S. 18. – (Ste. No 391. S. dt 12. 5. 98)

Read | Letter from the Supt. Engr First Circle – (Ste. No 1135. G. 2 dt 2 5. 98)

Read | Note by the Chief Engineer for Irrigation (Ste. No 247 I dt 26. 9. 98)

Flag C

The Government of India sanctioned the estimate of Rs 23700 for constructing Cross drainage works, Ellore Canal, in the Godavery Western Division subject to the condition that the two pitched groynes on the down stream side of the Escape should be made longer and stronger than provided and asked the Madras Government to consider whether it would not be better to move the heads of the Irrigation channels so that the outlets might be at least 200 ft from the Escape. The Supt Engineer gives his reasons in the letter read above for not altering the positions

Flag A.

of

of the heads of the irrigation channels and submits proposals for strengthening the groynes with which the Chief Engineer for Irrigation Concurs generally, but considers that there is no necessity to make such deep excavations in the hard drain bed below No 4. outlet to found the toe wall, on the Escape side, however, the revetment can be carried down lower as shown on the plan. The supplemental estimate of Rs 1900 submitted by the Supg. Engineer has accordingly been reduced in this office to Rs 1600 and is recommended for sanction.

J C L
25/9/98

Order thereon.

No: 820 I dy 25-10-98.

Under rule V. (C) para 35 Chapter V. Vol. II. P.W. Code, the following supplemental estimate involving an Excess of Rs 1968 over the Estimate of Rs 23700, sanctioned by the Government of India in its letter No 72. I. dated 22 April 1898 printed with G.O. No 391. I. dated 12 May 1898 is sanctioned.

A.H.

Hay C

Capital Expenditure not Charged to Revenue.

49. Irrigation

Godavery Delta System

Open Capital Account

Western Section

I. Works

2. Main Canals & Branches

Vellore Canal

5. River & Hill Torrent Works

Unenumerative work

Cross Drainage Works

I. Works - - - - - Rs 1,600

II. Establishment 368

Total Estimate Rs 1968

2. This sanction is registered as No 83. I of 1898-99. and will Expire on the 31st March 1900 -

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

J C L
Sy. I.
26/9/98

Endorsement

(No. 820 I dy/25th Oct. 98)

To The Chief Engineer for Irrigation
" Supg. Engineer - First Circle with 7 Sketches
" Executive Engineers.

Forwarded

J C L
Sy. I.
27/10/98

E. I. Form No. 1—500—14-5-95

IRRIGATION.
ACCOUNT.

Government {1898} of Madras.

PUBLIC WORKS.

Recd.	1898.	*Enclosures*
Regd.		*Spare copies*

G.O., No. 391 I., 12th May 1898.

MAY.

Ellore Canal

Government of India letter sanctioning, subject to certain remarks, the estimate of Rs. 23,700 for constructing cross-drainage works, —, in the Gódávari Western division, communicated to the Superintending Engineer, I Circle, for report on certain point.

G.O. No. 826/82 dt 25.10.1898 Page No 2.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following paper:—

From O. C. LEES, Esq., Under Secretary to the Government of India, Public Works Department (Civil Works—Irrigation), to the Secretary to the Government of Madras, Public Works Department, dated Simla, 22nd April 1898, No. 72 I.

I am directed to acknowledge the receipt of the Proceedings of the Government of Madras, No. 186 I., dated the 9th March 1898, forwarding, for the sanction of the Government of India, plans and an estimate, the latter amounting to Rs. 23,700 (including establishment and tools and plant charges) of the cost of constructing cross drainage works, Ellore canal, in the Gódávari Western division, chargeable against the open capital account of the Gódávari delta system, the work being classed as unremunerative.

2. In reply, I am to say that the Government of India sanction the estimate subject to the following remarks.

3. Owing to the proximity of the proposed outlets to the escape, which is apparently unavoidable if the heads of Nos. 2 and 3 Irrigation channels are to be retained in their present positions, there would be great danger of the escape being outflanked if the regulation of water were by accident not carried out as proposed. If, therefore, the outlets are constructed in the positions shown, additional precautions should, in the opinion of the Government of India, be taken to guard against this danger. To this end the two pitched groynes on the down-stream side of the escape should be made longer and of a stronger section than shown in the design.

4. It is, however, for the Government of Madras to consider whether, instead of strengthening the groynes as suggested above, it would not be better to build new heads for the irrigation channels so that the outlets might be constructed at distances of at least 200 feet from the escape. This modification would probably involve a revision of the estimate.

5. The sanction herein accorded has been registered as No. 1 I. of 1898–99, and the plans and estimates forwarded by the Local Government are returned herewith.

ORDER—No. 391 I., dated 12th May 1898.

Communicated to the Superintending Engineer, I Circle, for report with reference to the remarks of the Government of India on the design of No. 4 outlet. It is observed that in the case of at least one other outlet the foundation level of the retaining wall is above the bed level of the drain and to avoid danger by the bed cutting back it may be well to allow for deeper foundation. The whole of the design should be carefully looked into.

(True Extract.)

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

To the Chief Engineer for Irrigation.
" Superintending Engineer, I Circle.
" Examiner, Public Works Accounts.
" Local and Municipal Department.

Exd. Shaik Karim.

E. I. I

S. E. I. 1 500—29-2-96.

FROM

SUPERINTENDING ENGINEER,
FIRST CIRCLE.

TO

THE CHIEF ENGINEER

FOR IRRIGATION.

DATED
DESPATCHED
RECEIVED } 189 .

No. not available

ENCLOSURES.

SUBJECT.

CHIEF ENGINEER FOR IRRIGATION. 5 SEP 1898 171 98

Rec'd 8 Sept 98

3. It will be better therefore to adhere to the original plan and strengthen the groynes.

4. Proposals have been submitted by the Executive Engineer for increasing the length and section of the groynes. The revetment on the Escape side will be taken well below the scour in the rear, and on the outlet side below the foundations of the new work. These additions appear to me ample, and a plan and Estimate for them are submitted. The sanctioned Estimate will be increased by Rs 1,900.

5. The other designs have been scrutinized and the depths of foundations appear ample.

I have the honour to be
Sir,
Your Most obedt Servt
P. Dellorgan
25. 8.
Supdg Engr I Circle

No. 1135-Gd.

FROM

W. C. De Morgan Esqr. M.I.C.E.
SUPERINTENDING ENGINEER,

FIRST CIRCLE.

Enclosures. 6 TO

THE CHIEF ENGINEER
FOR IRRIGATION.

~~WALTAIR~~, Camp Doulaishwaram 25.8.1898.
31.

SIR,

With reference to your No: 3913, 12.4.98, Communicating certain remarks of the Govt of India on the design of No: 4 outlet, Ellore canal, I have the honour to inform you that in my opinion, it is not advisable to shift the heads of Nos: 2 and 3 Palaguden Irrigation Channels to admit of constructing the outlets at distances of at least 200 feet from the Escape.

2. In the first place, the alteration of the alignment of the Channels would be expensive and possibly result in throwing a considerable area of land out of Cultivation and Secondly by moving the position of the outlets to a distance from the natural line of drainage which starts at ~~No: 4~~ Escape, a large area of Cultivated land might be submerged, by surplus water finding its way across Country

3

Order Sd. Ne. SE. replies
to the inspection of Govt. of
India in G.O. 391 I suggest
that the Govt. are
sanctioned - as Govt. of India
will have the advantage
~~of~~ if the Sec. proposals
are affirmed

SE 7/8/98

SE's proposal appears
best there seems no necessity to
make such excavation in
the hard drain but below No 6 outlet
to found the toe wall the
escape side however the
sentiment can be carried down
lower as therein these attentions might be sanctioned
as a supplemental estimate.

GCL 9/9

Init 6/9/98.

C.L.
16-9-98

Public Works (1898.) Department.

CURRENT No. 171 GD

From W. C. De Morgan Esqr. M.I.C.E.
Supg. Engr. I Circle

No. 1135 Gd

Dated 25.8.98.

Received

Registered 5-9-98

Enclosures Six (5 plans)

Spare copies

SUBJECT.

No 4 Outlet Ellore Canal
informing it is not advisa-
able to shift the heads of Nos 2 &
3 Palaguden Irrigation Chls
to admit of Constg. the outlets
at distances of at least 200 ft
from the Escape.

DEL

GCL 6/9/98

5-9

BACK PAPERS.

No.	Date.
R273 J	31. 5. 98 S
J111	30-3-98

FURTHER PAPERS.

No.	Date.

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