8011

Public Works (1898) Department.

G.O., No. 787 I
788

DATED 13th October 1898

[Despatch Abstract.]

Periyar Project

Revised Estimate of Rs 3650 for excavating the 5th Distributary of the XII Branch Channel, ——, Sanctioned, & a Copy of the Proc: ordered to be forwarded to the Govt of India.

→

Periyar Project

Forwarding Copy of Proc: Sanctioning a revised Estimate of Rs 3650 for excavating the 5th Distributary of the XII Branch Channel ——.

Registered
15-10-98

[P. W. 96. 1,000—12-2-98.]

Indexed.

2/ (781)

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. 787, 788 I., 13th October 1898.

OCTOBER.

Periyar Project

Forwarding copy of Proceedings sanctioning a revised estimate of Rs. 3,650 for excavating the 5th distributary of the 12th branch channel, —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers:—

From Lieutenant-Colonel O. V. BODDY, R.E., Superintending Engineer, VI Circle, to the Chief Engineer for Irrigation, dated Trichinopoly, 17th August 1898, No. 1148 M.D.

I have the honour to inform you that an estimate amounting to Rs. 3,860 was sanctioned in G.O., No. 587 I., dated 29th June 1897, for excavating 5th distributary of the 12th branch channel and constructing the necessary masonry works in the same. The distributary was proposed to take off the branch channel at 2 miles and 1,040 feet from its head and to run on a contour up to 2,700 feet of its length, and then down the centre of the ridge to Uppilakudi tank which it supplies. The Executive Engineer now proposes to abandon a portion of the distributary for about 4,000 feet from its original head and to fix the new head a little below drop No. 7 across the branch channel, leaving the extent of land under the abandoned portion to be irrigated by a small field channel which will take off from the 3rd distributary. The result of this alteration effects a saving of Rs. 1,230 as compared with the sanctioned designs as shown below:—

Items.	As sanctioned.	As now proposed.
	RS.	RS.
(1) Compensation for land	210	89
(2) Falls—four 6-foot drops	1,600	* 1,250
(3) Excavation—earthwork	1,690	1,003
(4) Sluices—twelve 6-inch pipes	360	† 288
Total ...	3,860	2,630

* One 4½-foot drop. Two 6-foot drops. † Nine 6-inch pipes.

2. As the present proposals differ very considerably from those sanctioned, I request that the original sanction may be cancelled and sanction accorded to this estimate in place thereof. I have been over the line and approve of the proposals now made.

3. The work is remunerative and will probably be completed by the 31st March 1899.

ENCLOSURE.

REPORT to accompany the Plan and Estimate of the 5th Distributary, 12th Branch channel, dated 21st July 1898, No. 58 E.

	RS.
Amount of estimate	2,980

The estimate is resubmitted for sanction as directed in Superintending Engineer's No. 931 M.D., dated 9th July 1898.

The savings are due to the alteration of the head of the channel as shown in the survey. The portion now abandoned is on a contour and would irrigate only a small area which can be equally well commanded by a small field channel from the 3rd distributary now that the line of this channel has been altered.

Owing to the channel now taking off below the 7th drop of the 12th branch channel a drop has been saved in the distributary.

The rates for rubble masonry and roughly dressed ashlar work have been raised from Rs. 20 to Rs. 23 and from Rs. 50 to Rs. 55 per 100 cubic feet, respectively. This is necessitated by the difficulties experienced in carting stone for works on the 12th branch channel.

(Signed) T. W. S. SMYTH,
Ex. Engr., Special Periyár Works.

No. 243 I.

Note by the Acting Chief Engineer for Irrigation.

The Superintending Engineer, VI Circle, submits a revised estimate for the 5th distributary of 12th branch channel, Periyár project, amounting to Rs. 2,630 against Rs. 3,860, sanctioned in G.O., No. 587 I., dated 29th June 1897. The present proposal is thus Rs. 1,230 cheaper than that sanctioned, which is due to a saving in the length of channel and the saving of one drop as described in the Superintending Engineer's letter. Owing to a revision of the designs of the drops the estimate has been increased in this office to Rs. 2,980 and may be sanctioned.

(Signed) J. C. LARMINIE,
18th September 1898. Ag. Chief Engineer for Irrigation.

ORDER—No. 787 I., dated 13th October 1898.

The following revised estimate is sanctioned in supersession of the estimate of Rs. 4,700, sanctioned in G.O., No. 587 I., dated 29th June 1897:—

Capital Expenditure not charged to Revenue.
49. Irrigation.
Periyár Project.
Open Capital Account.
3. Distributaries.
12th Branch Channel.
Remunerative Work.
Excavating No. 5 Distributary.

	RS.
2. Land—	
(1) Compensation for land	89
3. Works—	
(2) One 4½-foot drop	460
(3) Two 6-foot drops	1,140
(4) Nine 6-inch pipe sluices	288
4. Earthwork—	
(5) Excavation	982
5. Miscellaneous—	
(6) Demarcation stones	21
Total, I. Works	2,980
II. Establishment ...	665
III. Tools and plant ...	5
Total, Estimate ...	3,650

2. This sanction is registered as No. 79 I. of 1898–99 and will expire on 31st March 1899.

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

[Here enter No. 788 I., dated 13th October 1898.]

(True Extract.)

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

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

ENDORSEMENT—No. 788 I., dated 13th October 1898.

Forwarded.

(By order.)

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

Exd. P. Seetharam.

Public Works (1898) Department.

CURRENT No. 8011

From The Chief Engineer for Irrigation

Order

No. 243 I

Dated 18. 9. 98

Received } 27. 5. 98

Registered }

Enclosures 19 (5 plans)

Spare copies

SUBJECT.

5th Distributary of the XII branch Channel Periyar Project – Revised estimate of Rs 2980 as increased in this office for excavating – Note recommending for sanction the

—

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

PUBLIC WORKS DEPARTMENT,

IRRIGATION BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

From the Supg. Engineer 6th Circle — No. 1148 M. D. dated 17th August 1898.

—W0243 Dy 18. 8. 98

Note by the Ag: Chief Engineer for Irrigation

The Supg. Engr. 6th Circle, submits a revised estimate for ~~the accompanying~~ ~~estimate~~ for ~~excavating~~ the 5th distributary of the XII branch channel, Periyar Project ~~Estl.~~ amtg to Rs 2630 ~~against Rs 3860~~ ~~submitted by the Supg. Engineer~~ - sanctioned ~~6th circle in lieu of the estimate of Rs 4760 sanctioned~~ in G.O. No. 587. I. dated 29th June 1898.

The present proposal is this ~~provides for fixing the head~~ Rs 1230 cheaper than that ~~of the distributary at some distance below the site in~~ sanctioned, which is due to a saving in the length of ~~equally selected~~ the channel & the saving of one drop as described in the Supg Engrs letter. ~~last that already sanctioned~~

dated 19/8/98

saving

owing to a saving in the length of the distributary and the saving of a drop. Owing to a revision of the designs of the drops the estimate ~~is replaced~~ has been increased in this office to Rs. 29800 may be sanctioned.

2. The work may be classed as "remunerative" and will probably be completed by the 31st March 1899.

Order thereon No: 787 dated 13.10.98
revised

The following estimate is sanctioned in supersession of the estimate of Rs 4700 sanctioned in G.O. no. 587 I, dated 29th June 1897:—

Capital Expenditure not charged to Revenue.

49. Irrigation.
Periyar Project
Open Capital Account
3 distributaries
12½ Branch channel
Remunerative work—
Excavating No 5 distributary

2 Land—
1 Compensation for land — Rs. 89.

Carried over — 89.

Brought forward — Rs. 89.

3. Works —
2. One 4½ ft drop ——— 460.
3. Two 6 ft drops ——— 1140.
4. Nine 6" pipe-sluices — 288.

4. Earthwork —
5 Excavation ——— 982

5. Miscellaneous —
6. Demarcation stones — 21.

Total, I Works - 2980.
II. Establishment - 665.
III. Tools and plant - 55
Total, Estimate - 3700

2. This sanction is registered as No 79. I of 1898-99 and will expire on 31st March 1899.

3. Ordered that a copy of these Proceedings be forwarded to the Govt of India for information ~~in supersession of the sanction communicated in G.O. no. 588. I. dated 29th June 1897.~~

Endorsement No: 788 dated 13.10.98
Forwarded.

7.2.9.
27.9.98

To The Chief Engineer for Irrign.
" Supg. Engineer 6th Circle with 1 spare copy.
" Examiner P.W. Accounts.

16.9.98

8011

C.1.
30/VIII/98.

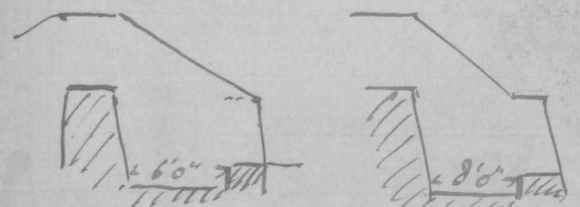
Public Works (1898) Department.

CURRENT No. 96 Ind 8

E.1. VI

The S.E. Submits a revised Estimate for the 5th Distry of the Order XII Branch Ch! Borgar Project amounting to Rs 2630 against Rs 3860 Sanctioned vide P.O. 587 dt. 29 June 1897. The present proposal is thus Rs 1230 cheaper than that sanctioned due to a saving in the length of the Chan! & the saving of one drop as described in the SEs letter. May this Estimate be sanctioned after check?

The designs of the drops are similar to some that were altered recently in this office the opportunity might be taken for altering these also that is making the founds of pond wings at same depth as founds of body wall & lengthening the rear wings as was done before



as designed as proposed.

23/8/98

From The Supdg Engineer
01. Circle

No. 1148. Dt. 5

Dated 4th August 1898.
Received 20 — do —
Enclosures
Spare copies

SUBJECT.

5th Distributary of the XII.R. Channel. Regrets to cancel the Sanction accorded to the Estimate Rs 3860 for excavating & constructing masonry works in the same and to accord sanction to another one in place thereof.

20/8/98

23/8/98

E. I. Form No. 1 (a)—500—21-4-98.

BACK PAPERS.

No.	Date.
R 387 J	10·7·97

FURTHER PAPERS.

No.	Date.

Dated 21st July/98
Do do

No 58 E

Report to accompany the Plan and Estimate of the 6th Distributary XII B. Channel.

Amount of Estimate Rs ~~2620~~ 2980

The Estimate is now submitted for Sanction as directed in S. Es No. 931 Md dated 9-7-98

The savings are due to the alteration of the head of the Channel as shown in the survey. The portion now abandonned is on a Contour and would irrigate only a small area which can be equally well Commanded by a small field channel from the 3rd distributary now that the line of this channel has been altered.

Owing to the Channel now taking off below the 7th Drop of the XII Branch Channel a drop has been saved in the Distributary.

The rates for rubble masonry and roughly dressed Ashlar work have been raised from Rs 20 to 23 & from Rs 50 to Rs 55 per 100 Cft respectively. This is necessitated by the difficulties experienced in Carting stone for works on the XII th B. Channel.

Executive Engineer
Spl: Periyar Works.

SUPG. ENGINEER'S OFFICE, No..... 25 JUL 1898 P.W.D. SIXTH CIRCLE.

× This rate is previously Sanctioned in Reg. 47/97-98 for Rs 3860 Jl.

Enclosure 1 Estimate 6 Tracings 6

No. 1148. M.D.

OFFICE OF THE SUPERINTENDING ENGINEER,
6TH CIRCLE,

Trichinopoly, 17th August 1898.

From Lt-Col. C. V. Boddy R.E.
~~The~~ Sperintending Engineer,
6th Circle.

To

The Chief Engineer,

SIR,

for Irrigation

7 ENCLOSURES.

1. Survey
2. Longl. Section
3. Masonry Plans
4. Estimate with report &c
5. Classified abstract

I have the honor to inform you that an estimate amounting to Rs 3860 was sanctioned in Go. No. 587 I of 29th June 1897 for excavating 5 miles Distributary of the 12 Branch Channel and Constructing the necessary masonry works in the same. The distributary was proposed to take off the branch channel at 2 miles and 1040 feet from its head and to run on a contour up to 2700 feet of its length, and then down the centre of the ridge to Uppilakudi tank which it supplies. The Executive Engineer now proposes to abandon a portion of the distributary for about 4,000 feet from its original head and to fix the new head a little below drop No: 7 across the branch

500--20-4-98

channel, leading the extent of land under the abandoned portion to be irrigated by a small field channel which will take off from the 3rd dis. tributary. The result of this alteration effects a saving of ₹ 1,230 as compared with the sanctioned designs as shown below:—

Items.	As Sanctioned.	As now proposed.
(1) Compensation for land	₹ 210	₹ 89
(2) Falls — four 6 ft. drops.	₹ 1,600	one 4½' drop, two 6' drops ₹ 1,250
(3) Excavation - Earthwork	1,690	₹ 1,053
(4) Sluices. Twelve 6" pipes	360 — nine 6" pipes	288
Total. ₹	3,860	2,630

2. As the present proposals differ very considerably from those sanctioned I request that the original sanction may be cancelled and sanction accorded to this estimate in place thereof. I have been over the line and approve of the proposals now made.

3. The work is remunerative and will probably be completed by the 31st March 1899.

I have the honor to be
Sir.
Your most obedt. Servant.

P. T. Wordley Lt-Col. R.E.
Supg Engineer, 4th Circle

P. W. D. 6th CIRCLE.

FROM

THE SUPERINTENDING ENGINEER,

6TH CIRCLE.

TO

THE CHIEF ENGINEER,

NO.

Dated. } 189 .
Received. }

Enclosure.

CHIEF ENGINEER
FOR IRRIGATION,
20 AUG. 1898
96 W2

G.S.I./
80 11/SD