Public Works (1898.) Department.

4,681

G.O., No. 4079

DATED 20 ~~April~~ May 1898

C

[Despatch Abstract.]

Regulator: Estimate of Rs. 2,590 for constructing a new regulator across the Bhairi main channel below the heads of Palavalasa and Pannanki branch channels, Ganjam Dn. Encloses with remarks.

923
20/5/98

P. W. M.
1,000—12-2-98.

Indexed.

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., No. 407 I., 20th May 1898.

MAY.

Regulator

Estimate of Rs. 2,590 for constructing a new — across the Bhairi main channel below the heads of Palavalsa and Ronanki branch channels, Ganjám division, sanctioned with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

Read—the following papers :—

From W. C. DeMORGAN, Esq., M.I.C.E., Executive Engineer in charge, I Circle, to the Chief Engineer for Irrigation, dated Waltair, 7th January 1898, No. 855/G.N.

I have the honour to submit, herewith, a plan and estimate amounting to Rupees 2,160 for constructing a new regulator across the Bhairi main channel below the heads of Palavalsa and Ronanki branch channels in connection with Ganjám Minor Rivers system, and to request that you will be good enough to obtain sanction of Government to the same.

2. I have visited the spot, and the estimate was prepared under my instructions.

3. As regards the recovery of contribution from the agraharamdars concerned, the Executive Engineer has been requested to put himself in communication with the Collector.

Enclosure.

Report to accompany the estimate for constructing a new regulator across the Bhairi main channel below the heads of Palávalsa and Ronanki branch channels.

This regulator is proposed across the Bhairi main channel, in the place of a mamul earthern dam, to raise water to the Palavalsa, Ronanki and Karazada branches, which irrigate in all 510 acres of jeroyati lands and 160 acres of agraharam lands. It will also be useful to fill the large tank of Singupuram (Ally tank)* through the Palavalsa branch (*vide* rough sketch herewith). The agraharamdars are willing to contribute proportionately towards the cost of this regulator, and the same will be recovered from the agraharamdars before any liability is incurred on account of the work. Even if they are not ready to contribute, the regulator is nevertheless necessary for the Government lands which form the major portion of the irrigable area, and we can easily shut out our channel water from entering the agraharam lands, through their Karazada branch, when the regulator is used. The construction of this work will be a great relief to the ryots concerned, for they are at present being greatly troubled with the putting up and maintenance of their mud dam across the *large main channel* here, and last year the Government had to give remissions for some of these lands, because the channel water could not flow properly in the absence of an easily managed regulator. The proposed work will consist of three vents of seven feet span each, closed by screw-gearing shutters, as per the plan submitted herewith. Provision is also made in the estimate for protecting the noses of the open headed Palavalsa and Ronanki branches, with revetments, grouted and supported by a small toe wall below.

The work will be carried out in accordance with the standard specifications.

(Signed) S. A. SWAMINATHA AIYAR,
Sub-Divisional officer.

(„) J. M. LACEY,
Offg. Ex Engr. Ganjám Divn.

---

* For the improvements of which estimates will shortly be submitted.

To the Superintending Engineer, I Circle, dated 5th February 1898, No. I/5 G.N.

From W. C. DeMORGAN, Esq., M.I.C.E., Executive Engineer in charge, I Circle, to the Chief Engineer for Irrigation, dated Waltair, 7th April 1898, No. 27 G.N.

With reference to your memorandum No. I/5 G.N. of the 5th February 1898, I have the honour to submit, herewith, the detailed plan of the shutters and gearing of the proposed new regulator across the Bhairi main channel, Ganjám Minor Rivers system, as requested.

No. 147 I.

Note by the Chief Engineer for Irrigation.

The plan and estimate for constructing a new regulator across the Bhairi main channel, submitted by the Executive Engineer in charge of the I Circle, are approved, subject to the following alterations :—

(*a*) The straps at the edges of the shutters should be carried all round instead of only on one side as shown in the plan submitted.

(*b*) The screw thread on the shaft should be turned to one foot nearer the T head to allow of the shutter being lifted clear of M.W.L. and the L iron grooves should be 10 feet long instead of 9 feet for the same reason.

(*c*) The rails across the vents shown in the general plan are not required and may be omitted.

(*d*) It is noticed that the platform need not have been made as high as shown, but this need not be altered.

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

19th April 1898.

Order—No. 407 I., dated 20th May 1898.

The following estimate is sanctioned :—

Irrigation.
43. Minor Works and Navigation.
Minor Works for which Capital and Revenue Accounts are kept.
Ganjám Minor Rivers System.
2. Main Canals and Branches.
3. Regulators.
Ganjám Division.

Constructing a new regulator across the Bhairi main channel below the heads of Palavalsa and Ronanki branch channels.

	RS.
I. Works … … … … … … … …	2,100
II. Establishment … … … … … … …	483
III. Tools and plant … … … … … … …	7
Total Estimate …	2,590

2. This sanction is registered as No. 36 I. of 1898–99.

3. The attention of the Executive Engineer in charge of the I Circle is called to the alterations and remarks made by the Chief Engineer for Irrigation in the foregoing note.

(True Extract.)

Under Secretary to Government,
Irrigation Branch.

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

Exd. A. Rungasawmy Aiyangar.

Public Works (1898) Department.

CURRENT No. 3681

4079

From the Chief Engr for Irri-gation

Order

No. 147 I

Dated 19-4-98

Received } 27-4-98

Registered }

Enclosures & 10 (3 plans)

Spare copies

Id/

SUBJECT.

Constructing a new regulator across the Bhairi main Channel. Note submitting plan and estimate for - for approval subject to within noted alterations

BACK PAPERS.

No.	Date.

FURTHER PAPERS

No.	Date.

A/ H.E. the Governor

PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

8.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Estimate for constructing a new Regulator across the Bhairi main channel Ganjam Divn. UNDER date the

READ the following

Print with S.E's report

Quote From the Supg. Engr. First Circle (H.E. no 855. G.N. d/7. 1. 98)

To 5 S.P. do (H.E. no. 5. G.N. 5. 2. 98)

Print From do (H.E. No 27. G.N - 7. 4 - 98)

Print Note by the Chief Engineer for Irrigation (H.E. No 147 I. 19. 4. 98) 5 P

x Flagged P.

The plan and estimate for constructing a new regulator across the Bhairi main channel, submitted by the Executive Engineer in charge of the First Circle are approved subject to the following alterations.

(a) The straps at the edges of the shutters should be carried all round instead of only on one side as shown in the plan submitted

(b) The screw thread on the shaft should be turned to 1 ft nearer the T head to allow of the shutters being lifted clear of M.W.L. and the L iron grooves should be 10 ft long instead of 9 ft for the same

Seen. A.S.H.

Issue
WH 22.4.98
I

H.D.
Please show this order to F.S.d before transferring papers to W. office for issue.
M. 20/4
25/4
20/4

13/4/98

13/4/98

same reason.

(c) The rails across the vents shown in the general plan are not required and may be omitted.

(d) It is noticed that the platform need not have been made as high as shown but this need not be altered.

19/4/98

Order thereon N-407 I dd 20.5.98

—

The following estimate is sanctioned:—

Irrigation

43 ~~Major Works~~ Minor works & Navigation. Works for which Capital & Rev. accounts are kept—

Ganjam minor Rivers System

~~I. Works~~

2. Main Canals & branches

3 - Regulators

Ganjam Division

Constructing a new regulator across the Bhairi Main channel below the heads of Palavalasa & ~~Lomanta~~ Ronanki branch channels.—

~~Estimate~~ I Works	Rs 2100
II Establt.	483
III Tools & Plant	7
Total Estimate	2590

2. This sanction registered as No I of 1898-99.

3. The attention of the Executive Engineer in charge of the First Circle, is called to the alterations and remarks made by the Chief Engineer for Irrigation in the foregoing note.

19/4/98

WA 19.4.98

AAH 21.4.98

To The Chief Engineer for Irrign.

" Supg. Engr I. Circle with 6 enclosures

" Exr of P.W. Accts.

Despd 23/5/98

& 4/6/98

25/4/98

C.E.I.
13-4-98.

Public Works (1898) Department.

CURRENT No. 39 GN

3681

From W. De Morgan Esquire
Executive Engineer in charge
I Circle

Order

No. 27 GN

Dated 7th April 1898
Received 13 — Do —
Registered
Enclosures 1 Plan
Spare copies

SUBJECT.

Detailed plan of the shutters & gearing of the proposed new regulator across the [illegible] Ganges main [illegible] system — submitting a — as requested

C.E.I.

lcd
13/4/98

13-4-98

E. I. Form No. 1—500—3-12-96.

BACK PAPERS.

No.	Date.
I/5 GN d/	5.2.98
I/5 GN	7-1-98

FURTHER PAPERS.

No.	Date.

S. E. I./5 1000—20-2-97.

No. 27 GN 4P

From

W C de Morgan Esqre

~~J. C. Larminie Esq.~~ M. I. C. E.
~~Superintending~~ Executive Engineer, incharge First Circle.

Enclosures. 1 To

The Chief Engineer for Irrigation
Madras

Waltair,
Camp 7th April 1898.

Despd 8th April 1898

Sir,

With reference to your Memorandum No $\frac{I}{5\,Gn}$ of the 5th February 1898, I have the honor to submit herewith the detailed plan of the Shutters and gearing of the proposed new regulator across the Bhairi Main Channel, Ganjam Minor Rivers System, as requested.

I have the honor to be
Sir,
Your most Obedt Servant

W. C. de Morgan

8/4

Executive Engineer
incharge I Circle

CHIEF ENGINEER
IRRIGATION.
13 APR. 1898
No 39 G.N

1290
3681/98

Public Works (189$\overset{8}{7}$) Department.

IRRIGATION BRANCH.

I

ISSUE No. 5 G.N

To

The Ex. Engineer in ch.
First Circle

(Reply to letter No. , dated)

Dated 5th 2-98

Despatched 5-2-98

Enclosures *

* Particulars of Enclosures.

SUBJECT

Proposed new regulator across the Bhawn Main Channel, Ganjam Minor Rivers System — EE requested to forward detailed plans of the shutters & gearing of the —

Indexed

E. I. Form No. 13—2,000—1-11-97.

BACK PAPERS.		FURTHER PAPERS.	
No.	Date.	No.	Date.
R5 Gr	7-1-98	R16 Gr	9-2-98
		R39 Gr	7-4-98

Sent to Government with No. I.,

dated 1897.

Printed with G.O., No. I.,

dated 189 .

REMINDERS ISSUED.

No. 1, dated 189 .
" 2 "
" 3 "
" 4 "
" 5 "

KEEP-WITHS.

with copy para 2 & specification

LCW 25/2/98

I
No 5 Gr

Memo

With reference to letter, No. 855, dy N, of 7th ult, from the Ex Eng in charge of the 1st Circle, the undersigned has the honour to request that he will be so good as to forward detailed plans of the shutters & gearing of the proposed new regulator across the Bhairo main channel, Ganges Minor Rivers System.

5/2/98

To
the Ex Eng
in charge of 1st Circle

LCW
3/2/98

Memo

With reference
to letter No 855 G.N.
of 7th ult. from the
E.E. in charge of
the 1st Circle the
undersigned has
the honour to request
that he will be
informed as to
[illegible]
[illegible]
[illegible] of the
[illegible]

CEI
18-1-98

blic Works (1898) Department.

CURRENT No. 5 G.N.

From W. Demorgan Esquire
Executive Engineer in charge
of I Circle

Order

No. 855 G.N.

Dated 7th January 1898
Received 11 — Do —
Registered
Enclosures 5 (2 plans)
Spare copies

SUBJECT.

Bhairi main Chl. below the heads of Palavalase and Ronanki branch chls. in Ganjam Division — Submitting for sanction of Government an Estimate &c for Constructing a new regulator across the —

To C.E.I. to check the Estimate

11/1/98

15/1

B 17

their Karazada branch, when the Regulator is used. The construction of this work will be a great relief to the ryots concerned, for they are at present being greatly troubled with the putting up and maintenance of their mud dam across the large main channel here, and last year the Government had to give remissions for some of these lands because the channel water could not flow properly in the absence of an easily managed Regulator. The proposed work will consist of 3 vents of 7' span each, closed by screw gearing shutters, as per the plan submitted herewith. Provision is also made in the Estimate for protecting the noses of the open headed Palavalsa and Ronanki branches, with revetments, fronted and supported by a small toe wall below.

SUPERINTENDING ENGINEER
No.
5 DEC 97
FIRST CIRCLE

R 5 G. 11/97

The work will be carried out in accordance with the standard specifications.

Sd/ S. A. Swaminadha Ayyar
Sub Divisional Officer.

W. D. Morgan
Exe: Engineer in ch. 1 Circle.

23.12.97
Offg. Executive Engineer

S. E. I. / 5 1000—20-2-97.

No. 855 GN

IP

From

W. C. ~~Larminie~~ Demorgan Esq. M. I. C. E.
~~Superintending~~ Executive Engineer, in charge
First Circle.

Enclosures. ~~4~~ 5
1 Data
1 Plan
1 Estimate
1 Report
1 Sketch
~~4~~ 5

To

The Chief Engineer for Irrigation
Madras

Waltair,
Camp
7th January 1898.
Desp'd 8th

Sir,

I have the honour to submit herewith a plan and Estimate amounting to Rs 2160 for constructing a new Regulator across the Bhairu Main Channel below the head of Palavalsa and Ronanki Branch Channels in connection with Ganjam Minor Rivers System and to request that you will be good enough to obtain sanction of Government to the same.

2. I have visited the spot and the Estimate was prepared under my instructions.

3. As regards the recovery of contribution from the Agraharamdars concerned, the Ex. Engineer has been requested to put himself in communication with the Collector.

I have the honour &c,
Sir
Your most obedt Servt
W. D. Morgan 8/1/98
~~Deputy~~ Executive Engineer, in ch. I Circle

Dk 7/1/98

CHIEF ENGINEER
FOR IRRIGATION.
11 JAN. 1898
No. 5 Gnl

Old
3691/90