

Public Works (1897) Department.

G.O., No. 392

DATED

12 May 28

[Despatch Abstract.]

Bhairi Main Channel. Estimate of Rs.
4,200 for constructing a masonry scouring
surplus sluice in the left bank of
the — in the 2nd mile below the head sluice,
Gauljam D^o. Sanctioned.

Indexed

Government {1898} of Madras.
PUBLIC WORKS.

Spare copies

MAY.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers:—

From W. C. DEMORGAN, Esq., M.I.C.E., Superintending Engineer, I Circle, to the Chief Engineer for Irrigation, dated Dowlaishweram, 17th January 1898, No. 876 G.N.

I have the honour to submit herewith plan and estimate, amounting to Rs. 3,400, for constructing a scouring surplus sluice in the left bank of the Bhairi main channel (Ganjám division), in the 2nd mile below head sluice for your approval and early sanction.

2. The necessity for the work is explained in the report accompanying the estimate.

ENCLOSURE.

REPORT to accompany the estimate for constructing a new scouring surplus sluice in the left bank of the Bhairi main channel at the 2nd mile below head sluice.

Amount of estimate

The site at which it is proposed to construct this masonry work was personally shown to the Executive Engineer on his last inspection tour. There is an old scouring sluice at about $\frac{3}{4}$ th of a mile below the head sluice, but, mostly on account of its being too near the channel head, and there being consequently no appreciable difference between the bed levels of the river and the irrigation channel, this sluice does not act at all, and its surplus channel has been silted up to a depth of 2 and 3 feet all through. It is therefore proposed to construct this new work much lower down, in the 2nd mile of the channel, where there is a convenient site. There is a drainage channel opposite to this site, emptying itself into the Bhairi channel on its right side. There being no outlet of any sort for this drainage anywhere near, the surplus very often breaches the left bank of the irrigation channel, at a little distance below, opposite the Nairi village, and falls ultimately into the river. It is therefore proposed to utilize this new scouring sluice, as a surplus sluice as well and it is hoped that this new masonry work will prevent the accumulation of silt in the 1st reach of the channel between its proposed site and the channel head, and will also act as an outlet to pass off the country drainage and prevent any more breaches below. It will consist of 5 vents of 6 feet span each (see calculation on the plan), with sill 6 inches below the normal channel bed, and controlled by screw-gearing shutters. The work will be carried out as per the standard specification.

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

To the Executive Engineer in charge, I Circle, dated 14th February 1898, No. I/9 G.N.
From the " " " 29th March " " 10 "

No. 154 I.

Note by the Chief Engineer for Irrigation.

The accompanying estimate of Rs. 3,400 submitted by the Executive Engineer in charge, I Circle, provides for the construction of a masonry scouring surplus sluice in the left bank of the Bhairi main channel in the 2nd mile below the head sluice, Ganjám minor rivers system, as the existing sluice situated at about $\frac{3}{4}$ th of a mile below the head sluice does not act at all owing to its being too near the channel head, resulting in its surplus channel being silted up.

The estimate may be sanctioned.

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

15th May 1898.

ORDER—No. 392 I., dated 12th 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.	
Open Capital Account.	
I. Works.	
2. Main Canals and Branches.	
6. Other Cross Drainage Works.	
Constructing a masonry scouring surplus sluice in the left bank of the Bhairi main channel in the 2nd mile below the head sluice.	
Estimate—	RS.
I. Works	3,400
II. Establishment	782
III. Tools and plant	18
Total	4,200

2. This sanction is registered as No. 29 I. of 1898-99 and will expire on the 31st March 1899.

(True Extract.)

Under Secretary to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
" Superintending Engineer, I Circle,
" in manuscript with eight enclosures.
" Examiner, Public Works Accounts.

Exd. Shaik Karim.

Public Works (1898) Department.

CURRENT No. 4117

39 ²⁹/₁

up to 1 mile

Order.

from the Chief Engr for
Brgs

No. 1549

Dated 5-5-98

Received } 11.5.98
Registered }

Enclosures 7 12 (2 plans)

Spare copies

SUBJECT.

Constructing a masonry
scouring surplus sluice in the
left bank of the Bhairi main
Chl in the 2nd mile below
the head sluice. Estimate
amounting to Rs 4200 for —
note recommending for sanction
the —

15
Stamped
and
10/5/98

RE
13/5

sanction

PUBLIC WORKS DEPARTMENT

IRRIGATION BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Estimate for construction a masonry & ceiling
surplus Shice in the left bank of the Khairi main oil

From the Executive Engineer in charge, First Circle. (H.R. No. 846-E.N. dated 17.1.38).
 To _____ do _____ do _____ (H.R. No. ^I9-E.N. dated 14.2.38).
 From _____ do _____ do _____ (H.R. No. 10-E.N. dated 29.3.38).
 154 J 8715-5-98.

Note by the Chief Engineer for Irrigation

The accompanying estimate of Rs. 3,400- submitted by the Executive Engineer in charge, First Circle, provides for the construction of a masonry scouring surplus sluice in the left bank of the Bhairi Main Channel in the 2nd mile below the head sluice, Gangam Kund rivers system, as the existing sluice situated at about $\frac{3}{4}$ th of a mile below the head sluice does not act at all owing to its being too near the Channel head, resulting in its surplus channel being silted up.

The estimate may be sanctioned

-ed. v- 392 Jg 12.5.98

Order thereon

18 The following estimate is sanct

sanctioned:-

Irrigation.

43, Minor Works & Navigation.

Minor Works for which Capital and Revenue Accounts are kept.

Gajjam Minor rivers system.

Open Capital Account.

I. Works.

2. Main Canals & branches.

6. Other Cross drainage works.

Constructing a masonry scouring surplus sluice in the left bank of the Bhairi Main Channel in the 2nd mile below the head sluice.

Estimate -	Rs.
I. Works. _____	3,400.
II. Establishment. _____	782
III. Tools and plant. _____	18
Total. _____	4,200

2. This sanction is registered as No 29 J. of 1898-99 and will expire on the 31 March 1899.

4/5/98
5.5.98

Public Works (1898) Department.

CURRENT No. 38.G.N

From W. De Morgan Esq.
Esq. in charge of
First Circle

Order

No. 10. G. N.

Dated 29th March 1898
Received 9.4.98
Registered do
Enclosures
Spare copies

SUBJECT.

Bhairi Main Channel
in Gajjam Dt. —
Submitting a detailed
plan of the shutters for
the surplus sluice in
the —

To The Chief Engineer for Dy. 9/1/98
" Supp. Engineer, First Circle, for
" Examiner, Dy. 8/1/98

Public Works (1897⁸) Department.

IRRIGATION BRANCH.

I
ISSUE No. 948.

To

The Supg Engineer
First Circle

(Reply to letter No. 8764, dated 17.1.98.)

Dated 14.2.98

Despatched 18.2.98

Enclosures * 5

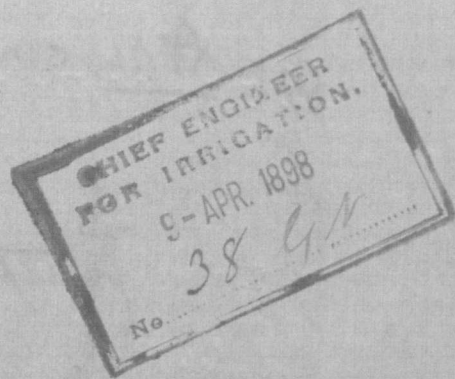
* Particulars of Enclosures.

1 Report
1 Date
1 Estimate
2 Plans

SUBJECT.

Bhairi Main Canal - SE.
requested to send detail
plans of the shutters for
the surplus sluice in the
— and submit the estimate
and plan of the work
required for the SE are
returned for reference

Indexed



QW 5.1
4/17/98

BACK PAPERS.

No.	Date.
Rq. 4	17-1-98

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 "

KEMP-WITHS.

FURTHER PAPERS.

No.	Date.
K388N	29-3-98

I
No 9 let of 14-2-98

S & I

The S. & I. reported to be
good enough to send the
detail plans of the Shutter in
the Surplus Store in the
Main Channel and
estimate for which was
received with his No
8768 of 17 Jan 1898
The estimate of plan
of the work are returned for reference
14.2.98 W.H.

[Signature]
18/2

CES
19198

Public Works (1898) Department.

CURRENT No. 994

1000

From W. Demorgan Esquire
Executive Engineer in charge
I circ.

Order

The rate for rubble work.
1/5 + stone to be cast 3 miles
seems very low indeed.

24/1/98

attached
24/1/98

No. 876GN

Dated 17th January 1898

Received 24 — do —

Registered

Enclosures 5 1 plans

Spare copies

SUBJECT.

Constructing a scouring surplus
sluice in the left bank of Khairi
main channel in Gauria Buri

Submitting plans & Estimate
for — for Rs 3400 for approval
and sanction.

To C. H. Clerk the
Estimate.

24/1/98

25/1/98

BACK PAPERS.

No.	Date.
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FURTHER PAPERS.

No.	Date.
-----	-------

1987 14 2 98

1888 29 3 98

Enclos 3 to No 87/8 Report to accompany the Estimate for Constructing a new Scouring Surplus Sluice in the left bank of the Bhairi Main Channel at the 2nd mile below Head Sluice.

Amount of Estimate Rs 3,000/-

The site at which it is

proposed to construct this masonry work was personally shown to the Executive Engineer on his last inspection tour. There is an old Scouring Sluice at about $\frac{3}{4}$ of a mile below the Head Sluice, but, mostly on account of its being too near the channel head, and there being consequently no appreciable difference between the bed levels of the River and the irrigation Channel, this Sluice does not act at all, and its surplus channel has been silted up to a depth of 2, 3 ^{and} feet all through. It is therefore proposed to construct this new work much lower down, ~~at~~ ⁱⁿ the 2nd mile of the channel, where there is a convenient site. There is a drainage channel opposite to this site emptying itself into the Bhairi c

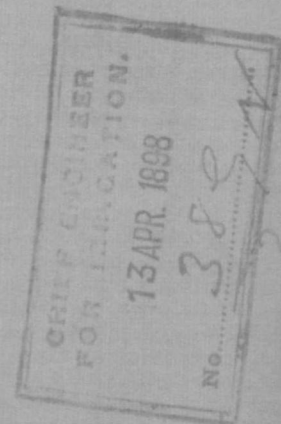


Channel on its right side. There being no outlet of any sort for this drainage any where near, the surplus very often breaches the left bank of the Irrigation Channel, at a little distance below, opposite the Nairi Village and falls ultimately into the River. It is therefore proposed to utilize this new Scouring Sluice, as a Surplus Sluice as well and it is hoped that this new masonry work, will prevent the accumulation of silt in the 1st reach of the channel between its proposed site and the channel head and will also act as an outlet to pass off the country drainage and prevent any more breaches below. It will consist of 5 Vents of 6 feet span each (See calculation on the plan) with sill 6 inches below the normal channel bed, and controlled by screw gearing shutters. The work will be carried out as per the Standard Specifications.

(Signed) S. A. Swaminatha Aiyer
Sub Divisional Officer

Memorgan

Executive Engineer, Canjannur



not likely unless they can be furnished with water in channel a foot or so higher than it is in the river. only attainable with a high cross drainage flood. 22/10

No. 876 G^N

From

W. Delmagan

C. Lammite Esq. M. I. C. E.
Superintending Engineer,
First Circle.

Enclosures 5 To

The Chief Engineer for Irrigation
Madras

Waltair,

Date 17.1.1898.

Camp

Dulaituram

Dist 19-1-98

Sir,

I have the honour to submit herewith plan and estimate amounting to Rs ³⁴⁰⁰~~3000~~ for constructing a scouring Surplus sluice in the left bank of the Baeri main channel in the 2nd mile below Head sluice for your approval and early sanction

2. The necessity for the work is explained in the report accompanying the estimate

I have the honour to be
Sir

Yours obediently

W. Delmagan

Subly Insp. T. Circle

Ge
out

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