

15-2-38 III

Public Works (1898) Department.

G.O., No. 732 J

DATED 21st Sept '98

27/9/98

729 J km
21-9-1898

Mds 1945/38
BM

15/2/38

28

6-4-38 R.L.

Valler Channel [Despatch Abstract.]

Estimate of Rs 2760 for
Constructing a new head sluice to
Auddapah dn, sanctioned with remark.

Registered P.E.I.

110/22-9-98 22/9/98

Indexed
22/9

BACK PAPERS.

FURTHER PAPERS.

IRRIGATION.
ACCOUNT.

Government {1898} of Madras.
PUBLIC WORKS.

Recd.

Regd.

} 1898.

Enclosures

Spare copies

G.O., No. 732 I., 21st September 1898.

SEPTEMBER.

Vallur Channel

Estimate of Rs. 2,760 for constructing a new head sluice to —, Cuddapah division, sanctioned with remark.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers:—

From the Superintending Engineer, III Circle, dated 3rd May 1898, No. 409 I.
To the " " " " " " 6th June " " 28 C.D.

From Lieutenant-Colonel W. L. C. BADDELEY, R.E., Superintending Engineer, III Circle, to the Chief Engineer for Irrigation, dated Bellary, 27th August 1898, No. 1944.

In reference to your No. III./28 C.D., dated 6th June 1898, I have the honour to resubmit the plans and estimates for constructing a head sluice to Vallur channel No. 59 in the list of Public Works Department works in the Cuddapah district.

2. The reason why the old sluice collapsed, is clearly given in the accompanying copy of a letter from Mr. Murray to the Collector of Cuddapah, and there appears to be no object in increasing the depth of the foundations of the sluice.

3. The plans are therefore re-submitted as originally designed, and the favour of early sanction is requested.

ENCLOSURES.

From S. B. MURRAY, Esq., Executive Engineer, Cuddapah Division, to the Collector of Cuddapah, dated 2nd July 1897, No. 1120 C.

I have the honour to inform you that there is a river spring channel, called the Vallur channel, which starts from the right bank of the Papaghni river, just above the railway bridge in the Cuddapah taluk, and irrigates the lands of Vallur village.

2. This channel is in charge of the Public Works Department, and in 1884 a head sluice was built for it. There seems to have been some mistake in the sill level, it having been placed too high and subsequently a cut was made right through the floor of the sluice and the level lowered, apparently about one foot.

3. This year the water level in all spring channels has fallen very low, and in the Vallur channel it was too low to allow of a proper supply being sent through the head sluice. To the sand underneath so as to allow water to pass. About a fortnight ago there was a flood in the Papaghni; and, as the shutter of the sluice was open, there was a great rush of water down the channel, the result being that the foundations were undermined and the whole sluice collapsed and the flood bank was breached.

4. I have arranged to at once close the breach, as, in the event of another flood, the Madras Railway would be in danger and a temporary sluice will also be made so as not to ruin the growing crops.

5. There is no doubt whatever that what I have described has taken place. I myself saw the concrete and masonry which had recently been dug out of the sluice, and I request that you will order a searching enquiry to be made and the guilty parties taught a salutary lesson. It will cost, I should think, at least Rs. 2,000 to remove the old sluice (which is damaged beyond repair) and build a new one and close the breach.

REPORT to accompany the estimate for constructing a head sluice to Vallur channel, Major, No. 59, in the Cuddapah Taluk.

Amount of estimate Rs. 2,760

The Vallur head sluice in the right bank of the Papaghni collapsed and the flood bank was breached in June 1897 by a flood in the river.

An estimate, amounting to Rs. 760, was sanctioned for making temporary arrangements for supplying water to the wet lands of Vallur village by means of a box sluice inserted in the ring bund. This was done and the lands under the channel are being irrigated by the temporary sluice. The present estimate has been prepared to construct a new head sluice in place of the old one.

Very early sanction to this estimate is requested, so that the work may be completed before the commencement of the south-west monsoon, i.e., by the end of June next.

The temporary wooden sluice has partly caved in the water consequently backing up in front. It has been ordered to be removed so that irrigation may go on through the breach. The average cultivation under the channel is 350 acres and the collection of revenue thereon is Rs. 2,649. The expenditure on the upkeep of the channel during the last five years, excluding the amount of estimate for putting in a temporary sluice, is Rs. 570.

The work will be carried out in accordance with standard specification.

No. 240 I.

Note by the Acting Chief Engineer for Irrigation.

The Superintending Engineer, III Circle, submits an estimate for a new head sluice to Vallur channel taking off the right bank of the Papaghni river, in the Cuddapah division, to replace the old high level sluice which collapsed during a flood owing to the villagers having cut through the floor and foundations in order to pass a supply down the channel. The Executive Engineer has addressed the Collector to take the necessary steps to have the persons responsible for the damage to the old sluice punished.

2. The estimate, as increased in this office to Rs. 2,760, may be sanctioned.

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

17th September 1898.

ORDER—No. 732 I., dated 21st September 1898.

The following estimate is sanctioned:—

Irrigation.
43. Minor Works and Navigation.
Minor Works for which neither Capital nor Revenue Accounts are kept, P.W.D.
Original Works.
Cuddapah Division.
Constructing a Head Sluice to Vallur Channel.

Estimate Rs. 2,760

2. This sanction is registered as No. 74 I. of 1898-99.

3. The Superintending Engineer, III Circle, will in due course report the result of the reference made to the Collector by the Executive Engineer, Cuddapah division.

(True Extract.)

Under Secretary to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
" Superintending Engineer, III Circle, with ten enclosures.
" Examiner, Public Works Accounts.
Editors' Table.

Exd. T. K. Narayana Aiyangar.

Public Works (189⁸) Department.

CURRENT No. 7785

Order

From

The Chief Engineer
for the Yangtze

7329

No. 240 J

Dated 13 9. 98

Received

Registered

Enclosures

Spare copies

SUBJECT.

Vallur Channel - Estimate
of Rs 2760 as increased
in the M. E. for the new head
sluice to - to be recommended
- for sanction the -

FURTHER PAPERS.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Estimate for constructing a 100 sluice & Valley Channel, Cudapah St. Page 1 of 1

UNDER date the

READ the following

THE MADRAS GOVERNMENT.
 Estimate for constructing a No 2 sluice & Vallu
 Channel, Cuddapah Dt.
 UNDER date the
 From Supg Engr, III Cich. No 409 Id 3 May 51 - Flag J
 To do No 280 D Id 6 Jan 51 - Flag P
 From the Supg: Engineer 3rd file - No 1944 dated 27th August 50

Print
with Report
+ 99's
P. the COM to

No 240 Sep 17. 9-98

No. 240 Sep 17. 9-98
 Note by the Ag. Chief Engineer
 for Irrigation

The Supg. Engineer, 3rd Circle,
submits an estimate for a new
head sluice to Vallur channel
taking off the right bank of
the Papaghni river, in the
Buddapah division, to replace
the old high level sluice which
collapsed ^{during a flood} ~~by the action of~~
the villagers ^{having} ~~in~~ cutting through
the floor and foundations
in order to pass a supply
down the channel. The

Executive

Executive Engineer, Cuddapah division,
has addressed the collector
to take ^{the} necessary steps to
have the persons responsible
for the damage to the old sluice

punished. as increased in this office to Rs 2760

2. The estimate may be
sanctioned.

Order thereon. NO: 732 & 721-9-98.

The following estimate is
sanctioned :-

Irrigation

43 Minor Works and Navigation

Minor works for which neither
Capital nor Revenue accounts
are kept - P.W.D.

Original works

Cuddapah division.

Constructing a head sluice
to Vallur channel -

Estimate Rs. 2760.

2. This sanction is registered
as No. 74. I of 1898-99.

3. The Supg. Engineer, III Circle,
should

will in due course
should report the result
of the reference made to the
Collector by the Executive Engineer,
Cuddapah division.

12/9/98

13/9/98

7.5.9.
20.9.98

To,

The Chief Eng for Engrs.

" Supg. Engr III Circle with 10 enclosures

a Examiner P.W. accounts

Editors Table

12-9-98

BACK PAPERS.

FURTHER PAPERS.

No.	Date.
928 CD	6-6-98
114 CD	7-5-98

No.	Date.

Report to accompany the estimate for constructing a Head sluice to Vallur channel major boss in the caddapah Saluk.

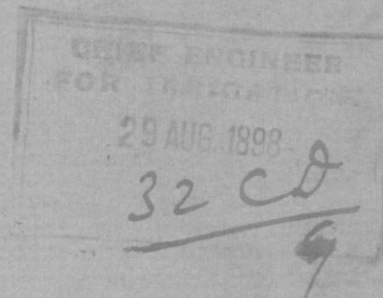
Amount of Estimate Rs 2730⁶⁰

The Vallur Head sluice in the right bank of the Papaghni collapsed and the flood bank was breached in June 1897 by a flood in the river.

An estimate amounting to Rs 760 was sanctioned for making temporary arrangements for supplying water to the wet lands of Vallur village by means of a box sluice inserted in the ring bund. This was done and the lands under the channel are being irrigated by the temporary sluice. The present estimate has been prepared to construct a new Head sluice in place of the old one.

Very early sanction to this estimate is requested so that the work may be completed before the commencement of the South west monsoon i.e. by the end of June next.

The temporary wooden sluice has partly caved in the water consequently backing up in front. It has been ordered to be removed so that irrigation may go on through the breach. The average cultivation under the channel is 350 acres and the collection of Revenue



thereon is Rs 2649. The expenditure on the upkeep of the channel during the last 5 years excluding the amount of estimate for putting in a temporary sluice is Rs 570.

The work will be carried out in accordance with standard specification.

By Executive Engineer
Cuddalore Division

No.

02/03/2005

Copy of letter No. C 1120 dated 2nd July 1907 from T.B. Murray Esquire Executive Engineer, Cuddalore Division to the Collector of Cuddalore.

I have the honour to inform you that there is a River Spring Channel called the Vallur Channel which starts from the right bank of the Papaghni River, just above the Railway bridge in the Cuddalore Taluk and irrigates the lands of Vallur village.

2. This channel is in charge of the D.P.W. and in 1881, a head sluice was built for it. There seems to have been some mistake in the Sill level, it having been

How does the level now provided compare with the original level?

been placed too high, and subse-
quently a cut was made right
through the floor of the Sluice
and the level lowered, apparent-
ly about one foot.

3. This year the water level
in all spring channels has fallen
very low; and in the Vallis
Channel it was too low to al-
low of a proper supply being
sent through the Head Sluice.
To remedy this the report con-
cerned completely cut through
the foundations of the Sluice
and dug out the sand under-
neath so as to allow water
to pass. About a fortnight
ago there was a flood in the
Papaghni; and, as the Shutter
of the Sluice was open, there was

475
a great rush of water down the
Channel, the result being that
the foundations were undermined
and the whole Sluice collapsed
and the flood bank was breached.

4. I have arranged to at once
close the breach, as in the event
of another flood, the Madras
Railway would be in danger
and a temporary Sluice will
also be made so as not to ruin
the growing crops.

5. There is no doubt whatever
that what I have described
has taken place. I myself
saw the concrete and masonry
which had recently been dug
out of the Sluice, and I request
that you will order a searching
enquiry to be made and the guilty
parties taught a salutary lesson.

It will cost, I should think,
at least Rs. 2000 to remove the
old Sluice (which is damaged
beyond repair) and build a
new one and close the breach.

True Copy.

W. S. S. S.

Supf. Engineer Lt. Col. R. R.
III Circle.



01/12/98

No. 1944.

Superintending Engineer's Office,

3RD CIRCLE

Bellary 27th August 1898.

FROM

Lt. Col. W. L. C. Raddelby R.E.

SUPERINTENDING ENGINEER,

IIIRD CIRCLE,

BELLARY.

To

THE

Chief Engineer
for Irrigation
Madras.

Sir,

Enclosures, 9.

1. Site plan
1. Do. Enlarged III
1. Plan of head Sluice. 28 C.D.
1. Est. with abstract
1. Report.
1. Hy. Calculation Sheet.
1. Data Sheet.
1. Plan of details of the Sluice
1. Copy of Mr. Murray's letter.

9

In reference to your letter dated 6th June 1898 I have the honour to resubmit the plans and Estimates for constructing a head Sluice to Vallur Channel No. 59 in the list of P. W. D. works in the Gudolapah District.

The reason why the old Sluice collapsed, is clearly given in the accompanying copy of a letter from Mr. Murray to the Collector

of

of Luddapah and there
appears to be no object
in increasing the depth of
the foundations of the Sluice.

3. The plans are therefore
re-submitted as originally
designed and the favour of
early sanction is requested.

I have the honour to be
Sir,

Your most Obedt^t Serv^t

Wm Baddley

Lt. Col. R.
Sup^y Engineer
III Circle.

From
The Superintending Engineer,
IIIrd Circle,
Bellary.

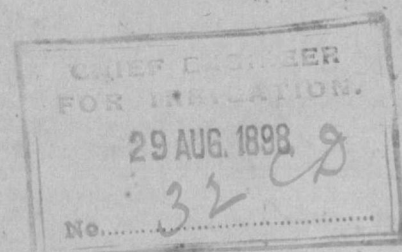
To
The _____

Dated _____
Received } _____ 189 .

Enclosures.

No.

Subject.



29/5/98
1785/20

Public Works (189⁸) Department.

IRRIGATION BRANCH.

ISSUE No. ^M28CD

To
The *Supg Engineer*
IIIrd Circle

(Reply to letter No. 409-I, dated 3/5/98.)

Dated 6. 6. 98
Despatched 6. 6. 98

Enclosures * 7

* Particulars of Enclosures.

1 Site plan
1 do enlarges
1 Plan of H & S
1 Estimate into cost & report
1 Hydraulic Cal. Sheet
1 Data
1 Report

SUBJECT.

Constructing Head sluice
to Vallur Channel - Returns
with remarks for revision
the estimate for - with
reference to the remarks
noted within.

Indexed

BACK PAPERS.

No.	Date.
R 14 CD	3-5-98

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.

FURTHER PAPERS.

No.	Date.
R 32 CD	27-8-98

91
L. ^M Ho 28 CD 7/6-6-98

bit up to the L.S.
No. 409 d. 3. Aug 98
with which to submit
a design + estimate
for a head sluice to
replace one which has
collapsed the N/S has
the honor to observe
that ~~the~~ no information
is given as to the cause
of the collapse of the
old sluice and that
the soil being sand
& silt it is proposed
to found the new
sluice on 3 ft of concrete
protected in front &
rear for a short distance
by two walls 6 ft x 2 ft.
~~The assumption is of~~
~~spanning that the foundation~~
~~is insufficient.~~ Considering
the nature of the soil &
the absence of information
as to the cause of collapse
of the old sluice the
N/S cannot approve of
such a foundation
unless it were completely
bored in in some way

to the side
 As the six foot walls
 could not apparently
 be built in trenches with
 vertical sides, the
 would prefer the provision
 of a row of square
 wells in front & another
 in rear to found the

So as the six foot walls,
 as they could not apparently
 be built in trenches with
 vertical sides, would
 probably cost as much
 as making the whole
 foundation of the sluice
 & wings the depth -
 Square wells of the
 depth might be provided -

2 The side walls of the
 tunnel or body might be
 increased from 2'6" in
 thickness at bottom to 4 ft -
 and the angle at junction
 of front returns strengthened
 as sketched in pencil on
 the plan -

3. The S.E. is requested to
 reconsider & revise the
 estimate with reference to these
 remarks -
 No details are given as to the
 shutter & the amount provided
 Rs 50 seems small for

85/536
 21/5/98

JH. CV. 10/6/98
 6/6/98

Public Works (1897) Department.

CURRENT No. 14 C.D.

1000

From The Superintg. Engineer
 of Canal
 Belga

Order

No. 409 J

Dated 3 May 1898
 Received 6 - 50 -
 Registered
 Enclosures 7 (3 plans)
 Spare copies

SUBJECT.
 Valler channel

Forward for
 sanction an estimate
 amounting to Rs 2640
 for constructing a head
 sluice to -
 To C.E. & to check
 the estimate
 L.C.S. 6/5/98

ph

132ed 27878

No 409 I

Suptg: Engineer's Office, III Circle,
3^d May 1898.

From

J. C. Larminie Esq. Jr. J. C. C.

Superintending Engineer, III Circle,
Ballary.

To

The Chief Engineer
for Irrigation,
Madras.

Enclosure 7
to the plan Sir,
V. O. — enlarged

1 Plan of Head
since

1 Estimate amounting to Rs. 2,640 for constructing with abutment a new Head sluice, on the Right bank of Papaghni river in place of an old collapsed one. T. M.

Hydraulic
calculation
sheet
data

that you will be good enough to obtain early sanction of Government to the same so that the work may be completed before the South West monsoon sets in.

2. The necessity for the work is explained in the Report which accompanied the estimate.

I have the honour to be

Sir,

Your most obedient servant,

J. C. Russell
Supt. Engineer, III Circle.
2/5

Sept. 1898
No. 1001

Chief Engineer
U.S. Army
Washington

For Information
The Chief Engineer
U.S. Army

Chief Engineer
U.S. Army
Washington

I have the honor to submit a plan and
estimate amounting to \$2,500 for constructing
a new head race, on the right bank of the
river in place of an old collapsed one, to allow
water to flow in the bed of river in charge of
the Department in order to keep out and to prevent
that you will be good enough to obtain a
of your mind to the same as that the work may be
completed before the next season set in.
The necessity for the work is explained
in the report which accompanied the estimate.
I have the honor to be,
Sir,
Very respectfully,
Your obedient servant,
J. H. ...

[Faint, mostly illegible handwritten text on the right page]

CHIEF
FOR
E-MAY 1898
14 CA

Over
18/5822

9
receded
in
the