

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	365- ~~R~~	Press	<i>Signer</i>
B.P. No.	(D)	Mis.	
Dated	9-2-	1875	
		195	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
9th February 1875*

No 217 Read the following endorsement of the Chief Engineer for Irrigation, dated Camp at Kistnagherry, 13th January 1875, No 59 —

Read the following papers —

From Major J BEATTY, R E , District Engineer, Godavery, to Lieutenant-Colonel J. MULLINS, R E , Chief Engineer for Irrigation, dated Dowlaishweram, 3rd November 1874, No 2,468

With reference to your Memorandum No 742, of 24th September 1874, I have the honor to forward, herewith, a statement showing the expenditure on Loan Fund Works to end of September, the proposed expenditure to end of the year, and the changes now required in the grants, with explanations in each case of increase or decrease

2 The general result is, as regards the Eastern Delta Range, the Executive Engineer has made arrangements by which he hopes to spend the whole of the allotments, viz —

	RS
Compensation for land	5,751
Earth-works	1,00,630
Masonry	52,919
Total	1,59,300

3 In the Western Delta Range the expenditure proposed is as follows —

	RS
Compensation for land	4,500
Earth-works	84,115
Masonry	72,385
Total	1,61,000

and consequently Mr Walch finds it necessary to surrender 26,437 rupees As every item of the expenditure has been carefully considered, and a good deal of it is dependent on causes over which the officers of the department have little control, such as the supply of labor and the transfer of land required for the works, I see no probability of his being able to do more It will be observed, however, that a good deal of the sum surrendered is due to the expenditure of No 3 Range in last official year having been larger on certain items than was anticipated at this period of that year, so that the surrender in such cases is not because the work cannot be done, but because it has already been completed.

4 I am somewhat doubtful of the expenditure of No. 1 Range being so great as Captain Brockman anticipates, as such a large outlay can only be made by the help of a much larger supply of labor than that range has been favored with of late years

No 217-A From the same officer, dated Dowlaishweram, 28th December 1874, No 3,022

In reply to your Memorandum No 982, of 25th ultimo, I have the honor to report that the estimated diminution of expenditure on the main drains of the

*Proceedings of the Madras Government, Public Works Department,
9th February 1875.*

Eastern Delta, as compared with the Budget allotments, was partly due to the uncertainty of the Range Officer,* at the beginning of this official year, as to whether it would be necessary to proceed with their widening this year to the full width.

* Vide his letter No 446, dated 11th December 1874, copy enclosed

2 If this had been known last dry season, much more might have been done in April, May, and June 1874, and now that it has been decided on, Captain Brockman hopes to spend on this head 15,000 to 20,000 rupees more than he provided for in the revised Budget-estimate.

3 This increase of expenditure on the drains will, however, not effect his total expenditure. The supply of labor is limited, and, if more labor is induced to take up work on the drains, there must be a diminution of expenditure elsewhere.

4 The estimate already submitted was framed in communication with the Range Officer and provided for the largest possible expenditure he was likely to be able to effect.

From Captain R R E BROCKMAN, R.E., Executive Engineer, in charge of No 1 Range, Godavery, to Major J BEATTY, R.E., District Engineer, Godavery, dated Dowlishwaram, 11th December 1874, No 446

I have the honor to report, with reference to Memorandum No 982, from the Chief Engineer for Irrigation, dated 25th ultimo, forwarded with your No 2,577, dated 10th instant, that my estimated expenditure upon the Toolabaga and Biccavole drains for the current official year was based upon the assumption that the widening of the drains to their full projected width would not be taken up this season. As the Chief Engineer for Irrigation has, however, considered it necessary that the widening should be carried out at once, I have made arrangements for doing so, and hope to spend Rupees 20,000 upon these two drains during the latter months of the year. If I had known that permission would be accorded to the widening of the drains last April, I should have carried out some work on both of them, and thereby have contributed towards spending a portion of the Budget allotments during the first four working months of the year. This permission was not, however, obtained until after the records of the flood levels in those drains had been submitted to the Chief Engineer. Owing to the unpleasant nature of the work on the Takeo drain which was excavated in that portion solely which was within tidal influence, it was found difficult to keep the Bundadars together, and the work accordingly progressed more slowly than it otherwise would have done. I do not think that I can spend more upon this work during the latter months of this year than 15,000 and odd rupees, but hope to show better progress during the first four working months of next official year. I have determined that the tail of the drain should first be completed before I commence the portions higher up.

By my being enabled to spend Rupees 20,000 upon the Biccavole and Toolabaga drains during the next three months, the amount surrendered from the Budget allotments will be Rupees 20,564 instead of Rupees 44,012 as originally proposed.

SUBMITTED for the information of Government with reference to G.O. of the 19th December 1874, No 3,545.

It will be seen that the result of the reference made to the District Engineer, Godavery, is that from 15,000 to 20,000 rupees more will be expended on the Biccavole and Toolabaga drains than was previously reported, but that it is not expected that any increase of expenditure in the Eastern Delta generally will be

*Proceedings of the Madras Government, Public Works Department,
9th February 1875.*

practicable, so that no alteration of the total amount required will be necessary.

(Signed) JOHN MULLINS, Lieut-Colonel, R.E.,
Chief Engineer for Irrigation.

No 218. ORDER THEREON, 9th February 1875, No. 365.

IRRIGATION, No. 9
Account

ORDERED to be recorded.

(True Extract)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

To the District Engineer, Godavery.
" Chief Engineer for Irrigation, with two enclosures.
" Controller of Public Works Accounts.

Exd. A. Grubert.

Spare Copies

No 3022

District Engineer's Office Godavari
Dowlaisheram 28 December 1877

From

Major J. Beatty M.B.

District Engineer Godavari

To

Lieutenant Colonel J. Huggins M.B.

Chief Engineer for Irrigation

Madras.

Sir,

In reply to your memo No. 982rd of 25th ultimo, I have the honor to report that the estimated diminution of expenditures on the main Drains of the Eastern Delta as compared with the Budget allotments was partly due to the uncertaintyth

* Vide his letter of the Range Officer, at the beginning of the official year, as to whether it would be necessary to proceed with their widening the gear to the full width.

No. 1446 dated 11th Dec 77
copy enclosed

2. If this had been known last Aug

Season

season, much more might have been done
in April, May and June 1876, and now that
it has been decided on, Captain Brochman
hopes to spend on this head 15,000 to 20,000 Rs.
more than he provided for in the revised
Budget Estimate.

3. The increase of expenditure on the
Drains will however not affect his total
expenditure. The supply of labor is limited
and if more labor is required to take up
work on the Drains, there must be a di-
minution of expenditure elsewhere.

4. The Estimate already submitted was
framed in communication with the Range
Officer and provided for the largest pos-
sible expenditure he was likely to be able
to effect.

I have the honor to be

Sir,

Yours most obedient servant

L. Beatty Major R.E.

District Engineer Godavery

And: per file
No. 2468 District Engineer's Office Godavari,
Dowlaisheram 3rd November 1874

From,
Major J. Beatty R.E.
District Engineer Godavari

Lieutenant Col. J. Mullins R.E.
Chief Engineer for Irrigation
Madras

Sir,
With reference to your Memo-
randum No. 742 of 24th September 1874, I
have the honor to forward herewith a State-
ment shewing the expenditure on Canal
Funds works to end of September, the proposed
expenditure to end of the year, and the changes re-
now required in the grants, with explanations
in each case of increase or decrease.
The general result is, as regards
the Eastern Delta Range, the Executive
Engineer has made arrangements by which
he hopes to spend the whole of the allotments,
viz:-

2nd 12-59-13-1-75
2nd 12-59-13-1-75

From
The District Engineer
Godavari Dist.

To
The Chief Engineer
for Irrigation
Madras

Madras

Recd 28th

Encl 28th 11th November 1874

Recd 4th 10.30.22

Encl 4th 10.30.22

Regarding the transfer
of a portion of the allotment

for the Drain of the Eastern Delta
to other works of the Corporation

Subject
Encl 11th 10.30.22

Viz: -

Compensation for land	5,751
Earthworks	100,650
Masonry	52,919
Total	159,300

3. On the western Delta Range the expenditure proposed is as follows:-

Compensation for land	1,500
Earthworks	54,115
Masonry	72,335
Total Rupees	138,000

and consequently Mr. Waleh finds it necessary to surrender 26,137 Rupees. As every item of the expenditure has been carefully considered and is good deal, if it is dependent on causes over which the Officers of the Department have little control, such as the supply of labor, and the transfer of land required for the works, I see no probability of his being able to do more. It will be observed, however, that a good deal of the sum surrendered

is

is due to the expenditure of No. 3 Range in last official year having been larger on certain items than was anticipated at this period of that year, so that the surrender in such cases is not because the work cannot be done, but because it has already been completed.

I am somewhat doubtful of the expenditure of No. 1 Range being so great, as Captain Brockman anticipates, as such a large outlay can only be made by the help of a much larger supply of labor than that Range has been favored with of later years.

I have the honor to be
Sir

Your Most Obedient Servant
P. Beatty. Major R.E.
District Engineer Godanery

Compd
Sd/-

has.

Dowlatabera
Executive Engineer's office
4th December 1876

No. 446

From

Captain N. K. Brockman R.E.

Executive Engineer
in charge of No. 1 Range Godanery

Major J. Beatty R.E.
District Engineer
Godanery Dist.

Sir,
I have the honor to report with reference to memo No. 962 from the Chief Engineer for Irrigation dated 25th Ultimo forwarded with your No. 2977 dated 10th Inst. viz. that my estimated expenditure upon the Tolia Baga and Bicea Drains for the current official year was based upon the assumption that the widening of the drains to their full projected width would not be taken up this season. As the Chief Engineer for Irrigation has

To Govt No 969 & 9823 25-11-76
To Secy 9823 25-11-76

Chief Engineer
District Engineer
Godanery

Chief Engineer
for Irrigation
Hudco.

Noted 3rd November 1876.
Received 12th Dec 1876
No 2468

Submitting State
ment of actual and

anticipated expenditure
on some fund works

for 1876-75
Mr. 2502/76
Mr. 212/75

has, however, considered it necessary that the widening should be carried out at once. I have made arrangements for doing so, and hope to spend Rs. 20,000 upon these two drains during the latter months of the year.

If I had known that permission would be accorded to the widening of the drains last April, I should have carried out some work on both of them, and thereby have contributed towards spending a portion of the Budget allotments during the first four working months of the year. This permission was not, however, obtained until after the records of the flood levels in those drains had been submitted to the Chief Engineer. Owing to the unpleasant nature of the work on the Sakro drain which was excavated in that portion solely which was within tidal influence, it was found difficult to keep the buntadars together, and the work, accordingly, progressed more slowly than it otherwise would have done. I do not think that

I can spend more upon this work during the latter months of this year than 15,000. odd rupees, but hope to show better progress during the first four working months of next official year. I have determined that the tab of the draft should first be completed before I commence the portions higher up.

By my being enabled to spend Rs. 20,000 upon the Bivavolo and Voolabaga drains during the last three months, the amount surrendered from the Budget allotments will be 2986 rupees instead of 46,032 as originally proposed.

I have &c. &c.

I signed, R. R. L. Brockman C. E.
Executive Engineer Godavery
[Name Copy]

L. Meath Major R.E.
District Engineer Godavery

59

Submitted for the information of Govt
with reference to L.O. of the 19th Dec.
1874. No 3385.

It is to be seen that the result of the
expenditure made to the District Engineer
is that from 13 to 20 thousand '875
has been expended on the
Bikaner & Jaipur than was previously
expected, but that it is not expected that
any increase of expenditure in the Eastern
Districts generally will be practicable, so
that collection of the total amount
required will be necessary.

Camp
13th January 1875

Colonel Munro
Lieut Col. R.
Chief Secy for Irrigation

Secretary to Government
D.P.W.

27/1/75

27/1/75

P. W. 1875 Dept.
Memo of Govt for Chief Engr
From No: 317
The Chief Engr
for Irrigation
To
The Secretary
to Govt P. W. D
N^o 59.

Dated 13th
Recd 18th Jan 75
Encl 5

Sl No. 365. 9-2-75.

Submits for the
information of Govt.
letter from the D. E.
Godavery explaining
the causes which have
prevented adequate
repairs in the current
year on the main
drains of the Eastern
Delta

Oct 21/7

10 20-1-75

P. W. 1875
P. W. Dept
Proceedings of the Madras Government
Read the following:-
From the Chief Engineer
for Irrigation } (H. L. N^o 59 d/13th Jan 1875)
365-

Ordered to be recorded.
13/1/75
G. M. W.

M. L. C.

To the District Engineer Godavery ✓
— Chief Engr for Irrigation with 2 Encl ✓
— Controller of P. W. Accounts ✓

Chief 12-2-75

311 ✓
Cott. of 1875 Madras.
PUBLIC WORKS.

To

The Dist Engr.
Godavery

Index

Recd

Part 3

9 Feb. 1875, No. 365

Nos. 217-218

Drains - Eastern Delta. G. & C.

By
Endorsement of the Chief
Eng. for information submitting
this from the Dist Engr. Godavery,
explaining the causes which
have prevented adequate
progress in the current
year on the main drains
of the Eastern Delta. Order
to be recorded.