M.R.O. 1—10,006—28-2-50

(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. 2853 Press
~~B.P. No.~~ ~~Mis.~~

Dated 17-9 C874 —195—.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
17th September 1874.

Read the following:—

No. 664.

No. 372. *Note by the Chief Engineer for Irrigation.*

Of the excess expenditure of Rupees 173-5-11 on the Digamurru sluice, for which sanction is asked, Rupees 72-6-1 have resulted from the lowering of the sill of this work to that of the new Palkole lock upper sill, which was considered desirable, and is noticed in paragraph 48 of the memorandum of inspection. It is explained that the necessity for aling, bwhich cost Rupees 25-12-0, was not anticipated, and though this was hardly reasonable, probably its cost could not have been estimated with much approach to accuracy. The necessity for a road diversion while the sluice was under construction should have been recognized in the first instance.

Proceedings Madras Government, No. 1,906, dated 15th July 1874.

2. With regard to the latter part of the District Engineer's letter, it may be noticed that as a good many differences between sanctioned amounts and actual cost of works must arise during the execution of such a large project, the District Engineer has already been requested at the close of each working season to prepare a statement of savings and excesses, and this will in due course be laid before Government. Hitherto on the whole, in this delta, the savings have been considerable.

3. It is not proposed, at present, to make any addition to the lump sums provided under distribution* in the Nursapore canal estimate to which this sluice appertains. All that is needful now is that the amount, which exceeds the limits of local sanction, should be passed.

	Rs.
* Earthworks...	13,715
Masonry	12,235

Ootacamund, (Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
2nd September 1874. *Chief Engineer for Irrigation.*

No. 373. Order thereon, 17th September 1874, No. 2,653

IRRIGATION, No. 49.

The excess expenditure on the Digamurru channel sluice, Nursapore canal, Western Delta, Godavery, will be passed.

(True Extract.)

Lieut.-Colonel, R.E.,
Joint Secretary to Government.

To the District Engineer, Godavery.
„ Chief Engineer for Irrigation.
„ Officiating Controller of Public Works Accounts.

Endd. S. T. Austin.
Spare Copies

Clés 1/1556/14.

Enclosure in a
letter No 1608 dated
20th August 1874
from the District
Engineer Godley
to the Chief Engineer
for Irrigation
Madras.

No 5737/74.
1/1/74.

Rg. D 17 Sept/74
Enc 3 No 3

Comparative statement of Cost for Work Constructing New Head sluice to Diggamurra Channel Completion Project.

Items.		As estimated for. Quantity	Rate.	amount.	As executed. Quantity	amount	Less than Estimate. Quantity	amount	More than Estimate. Quantity	amount	Explanation of Saving or Excess.
Concrete	Cft.	604	12 . .	72 7 4	603	63 10 8	.	8 12 8	.	. . .	
Rubble	Ds.	1950	19 . .	370 8 .	2096	420 9 4	.	. . .	.	50 1 4	Excess quantity due to putting sluice down 1' lower by order of Chief Engineer for Irrigation.
Ashlar	Ds.	137	67 8 .	92 5 9	136	122 7 4	.	. . .	.	30 1 7	The look of the work being spoilt by way overseer had turned the wings. Coping was taken off and replaced.
Arch Work	Ds.	146	23 . .	33 9 11	146	34 12 11	.	. . .	.	1 3 .	
Plastering	Sft.	120	4 . .	4 13 .	120	3 12 .	.	1 1 .	.	. . .	
Dressing faces		534	10 . .	53 6 .	533	48 13 2	.	4 8 10	.	. . .	
Pointing		.	. . .	. . .	× 534	9 9 3	.	. . .	.	9 9 3	× Omitted from estimate by oversight
Revetment		.	. . .	. . .	.	1 6 9	.	. . .	.	1 6 9	
Excavating and filling in making banks and approaches		.	. . .	25 . .	.	47 4 9	.	. . .	.	22 4 9	Due to work being lowered 1 foot.
Baling		.	. . .	. . .	.	25 12 .	.	. . .	.	25 12 .	The necessity for this was not anticipated
Shutters and Gearing		.	. . .	70 . .	.	67 . .	.	3 . .	.	. . .	
Superintendance and sundries		.	. . .	27 14 .	.	78 3 9	.	. . .	.	50 5 9	Includes Cost of Road diversion to keep traffic going whilst Sluice was being built.
				750 . .		928 5 11		× 17 6 6		190 12 5	
								Deduct		17 6 6	
								Net excess		173 5 11	

No. 3 or Western Delta Range Office
Narsapur 11th June 1874 — 3

/signed/ A. R. F. Dimward Lieut. R.E.
Assistant Engineer in charge No. 3 Range Godv

/True Copy/

C. Beatty. Major R.E.
District Engineer Godv

No. 1602 District Engineer's Office Godavery

Dowlaishweram 20th August 1874

From

Major J. Realty R.E.

District Engineer Godavery

To

Lieutenant Colo. J. Mullins R.E.

Chief Engineer for Irrigation

& Joint Secretary to Governt.

Madras.

Sir,

I have the honor to inform you, that my predecessor sanctioned an Estimate amounting to Rs 750 for constructing a new Head sluice to Digamarru Channel on the Narsapur Canal, in accordance with the provision for it in the Estimates for the Completion Project. This Estimate has been exceeded by Rs 179-5-11 for reasons stated in the accompanying Copy of a Comparative statement received from the Range Officer, and I request therefore you will be good enough to sanction the excess outlay, which may be covered by

the saving of Rs 1,975 on the Peravilli Lock.

2. I may here observe generally, that all the distribution works of the Western Delta have been greatly underestimated, but the excess will probably be more than covered by large savings on the other works of the Completion estimates.

X Peravelly Lock with bridge over tail brg Estr Rs 2,350 So 750 Q/A Mel 71

I have the honor to be
Sir
Your Most Obedt Servt
L Beatty. Major R.E.
Dist. Engineer Godavery

Comps Ltr

Note by the Chief Engineer for Irrigation
Of the necessity of repairing the Mugamurin Sluice, Godavery
2732 5 Nov 74
Forwarding remarks from the Executive Engineer, Upper Godavery, recommending the construction of a new Head Sluice to the Mugamurin Channel, which is now entirely destroyed by the recent floods.

P.W.D. No 1906 dated 15th July 1874.

Requesting sanction to the expenditure of Rupees 25-12-0 incurred for repairing the Head Sluice of the Mugamurin Channel, which was entirely destroyed by the recent floods.

No 1556 Rec'd

The District Engineer
Godavery

The Chief Engineer
for Irrigation
Madras

Dated 20th August
Rec'd 27th " } 1874

No 1602

Enclosure One

Subject
No 5737 30th July
Requesting sanction
for ~~an allotment of~~ Rupees
outlay Viz Rs 173-5-11
incurred on new Head
Sluice to Dejamarru
Channel on the Narsapore
Canal sanctioned by
the late District Engineer

P.W.D. No 17 Sept 74
In B No 372

amounts and actual cost of works
in various districts of the execution
of such a large project, the Dis-
trict Engineer has already been ad-
vised at the close of each work-
ing season to prepare a statement
of savings and excesses, and that
statement duly carried to the
Government hitherto on the whole
in this Delta the savings have
been considerable.

3. I do not propose at pre-
sent to make any additions to
the lump sums provided in
the Estimates for the Nursa-
pore Canal to which
this sluice appertains. All that
is needful now is that the a-
mount, which exceeds the limits
of local sanction, should be passed

Ootacamund
2 September 1874.

Colin Macaulay Lt Colonel R.E.
Chief Engineer for Irrigation

To
The Secretary to Govt P.W.D.

* Earthworks Rs 13,715
Masonry 12,235

P. W. 1874 Sept.
Irrigation
No: 5737

From

The Chief Engr.
for Irrigation
No 664.

Dated 2 Sept 1874
Recd 11 — 1874

E. 2.

Ex. No: 2653. 17-9-74.

Note on the letter from the Dist. Engr. Godavery, requesting sanction to excess outlay on the New head sluice Dejamurru channel, Nursapore canal.

B-372-

P. W. Sept.

Pro: of the Irrigation Secrt. Read the following note from the Chief Engr. for Irrigation } (No. 664 dt. 2 Sept 1874)

The excess 2653 expenditure on the Dejamurru channel sluice, Nursapore Canal, Western Delta Godavery will be passed.

W. 9/9/74

GWW

To
The D.E. Godavery
— Chf Engr for Irrig
— Controller Mades
S. Capies despd 25/9/74.

5737 √

Govt. of H.S.H. Madras.

PUBLIC WORKS.

To The Dt. Supr.
Godaveery

Dated

Recd. Encl. 2

G. O. 17 Septr. 1874. No 765

Nos. 372-373.

Digamurru Channel

Sluice, Nuroo pore Canal

Godaveery — The ex
cess expenditure in
the Channel sluice
ordered to be passed.