

(1) Number of pages _____

(2) Date of repair _____

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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	1951	Press
B.P. No.		Mis.
69 673		
Dated	5. 8.	1873.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
5th August 1873.*

Read the following papers:—

- No. 69. From the District Engineer, Chingleput, dated 26th April 1873, No. 226.
No. 70. From do. do. do. „ 17th June „ „ 715.
No. 71. Proceedings of the Board of Revenue „ 8th July „ „ 1,221.
No. 72. From the Inspg. Eng. for Ports and Coms. „ 25th „ „ „ 111-A.

No. 73. ORDER THEREON, 5th August 1873, No. 1,951.

ESTABLISHMENT, No. 5.

EXTRACT Proceedings and East
Coast Canal Budget communicated to
the Inspecting Engineer for Communi-

cations and District Engineers of Chingleput and Nellore.

2. It would appear that the sum of Rupees 900 for Petty Establishment should be added to the amount to be transferred to the Public Works Department. And the Board will be requested to increase that item in future Budgets to Rupees 1,320 to provide a maistry for each section of the canal respectively, within Chingleput and Madras limits, on a consolidated salary and allowance of Rupees 55 to be drawn on certificate of his maintaining a boat and crew, as recommended by the Inspecting Engineer for Communications. They will be maintained at once, and any excess over the present allotment made good by savings from works.

3. It appears from Lieutenant-Colonel Farewell's report on the subject that the section of the Northern Canal within Chingleput limits requires a greater maintenance allowance than that within Nellore limits; the provision of Rupees 7,000 in the current year's Budget will, therefore, be divided between the two districts in the proportions of Rupees 4,000 and Rupees 3,000. The sum of Rupees 1,200 for maintenance north of Dugerajapatam will be transferred from the Chingleput to the Nellore District. His Excellency the Governor in Council is not of opinion that the maintenance allowances should be increased; whatever additional sums may be required must be obtained by submission of estimates, as that for deepening between the Pulicat Lake and Dugerajapatam, the allotment of which also belongs to Nellore.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,

Secretary to Government.

To the Inspecting Engineer for Communications.

„ District Engineer, Chingleput.

„ „ Nellore.

„ Officiating Controller of Public Works Accounts.

„ Board of Revenue.

Exd. W. H. French.
Spare Copies.

CHINGLEPUT DISTRICT ENGINEER'S OFFICE,
Camp Puttanahalli 26 April 1873.
No. 226

From

THE DISTRICT ENGINEER,

Chingleput.

To

*The Secretary to Government
Public Works Department*

SIR,

*In reply to G. O. N^o 1147 —
dated 21st April para 2, I have the honor to
advise that the establishment sanctioned
for the East Coast Canal consisted formerly of
a maistry on Rs 50 and a gumastha on Rs 15
under the charge of a Superintendent ^{with his} ~~and~~ Office
establishment.*

*The charge is now divided between 2
Officers who have extensive ranges and much
other work to do, and it appears to me —
impossible to divide the above mentioned
establishment*

establishment. The majority resigned last month. I think therefore that we may more conveniently appoint 2 men on 1/2 pay, but

work which Range Officer can only do occasionally. I think also with travelling allowance a fair remuneration.

The Superintendent frequently complained that the majority was so poorly paid.

I have the honor to be

Sir

Yours most obedient servant

Chief St. Inq. Office }
Camp Pithoragarh }
26 April 1873 }
28 Dec 1873 }
Dist. Inq. Charge

Guindy, 17 June 1873.

No. 76

From

THE DISTRICT ENGINEER,

Chingleput.

To

Colonel G. M. Walker R. E.
Secretary to Government P. W. Dept.

Sir,

I have the honor to request that Rs. 3500 may be transferred from item Rs. 7000 Chingleput District, Provincial Budget, to the credit of the District Engineer, Nellore, that being the amount which has been for some years past, allotted to the portion of the East Coast Canal transferred from the charge of the Superintendent to the Nellore District.

The whole length of Canal provided with Maintenance allowance, is 73 miles, of this 21 is in the Pulicat lake and not repaired, of the remaining 52 miles, exactly half is in the reach of the Chingleput and Nellore Districts.

I take this opportunity however, of observing that the grant is, I believe, utterly insufficient. The canal is

* This is a distinct item from those transferred

No 11 of 1873

1873

No 2647

The District Engineer

Chingleput

The Secretary

to Government

Chingleput

dated 26/3

1873

No 2647

No 2647

Explains the necessity of maintaining 2 Mares in 100 fathoms each for the E.C. Canal

No 1951-5 dated 6/73

No 69

is scarcely palpable now.

I have the honor to be

Sir

Your most obedient servant

J. M. Smith

District Comm.

Works to be executed out of the Cochran's and Sndras Canal Fund, etc.—(Concluded.)

Execu- tive Di- vision or District	Projects.		Description.	Amount of Estimate.	Computed Expendi- ture up to 31st March 1873.	ESTIMATE FOR 1873-74.		Total.	Remarks and References.
	Locality.	No.				To be ex- cuted by Public De- partment.	To be ex- cuted by Revenue De- part- ment.		
			<i>Repairs.</i>	Rs.	Rs.	Rs.	Rs.		
	Between Madras and Doogaraja- patam.	1	Maintenance of the Northern Canal from Coorn river at Madras to Doogarajapa- tam, 73 miles	7,000	.....	7,000	.....	7,000	
	Between Douga- rajapattam and Kannapur.	2	Maintenance of the Northern Canal from Doogarajapatam to Kannapur, 13 miles.	1,200	.....	1,200	.....	1,200	
	Between Adyar and Palur river.	3	Maintenance of the Southern Canal from the Adayar near Madras to Palur river near Sadras, 40 miles.	4,000	.....	4,000	.....	4,000	
	Between Pulicat lake and Douga- rajapattam.	4	Deepening the Northern Canal from the Pulicat lake to Doogarajapatam.	29,560	21,500	5,000	.....	5,000	G. O., R. D., 10th October 1870, No. 1,530.
	Between Adyar and Palur river.	5	Filling in breaches, cuts, etc., in the banks of, and repairing and reconstructing certain water sluices on, the South Canal.	12,000	.....	12,000	.....	12,000	Estimate will be submitted shortly.
	Cochrane's Ba- sin at Madras.	6	Repairing the brick and laterite revel- ments to the eastern and western sides of the Basin and raising with new stone revetment the low portions of the same. Repairing the Toll Office at the Coch- rane's Canal Basin.	900	.....	900	.....	900	Estimate sanctioned. Board's Proceedings, dated 7th July 1873, Min. No. 4,173.
	Do ..	7		90	.....	90	.....	90	do. do.
	Total..			.....	.....	31,670	.....	31,670	
	Cost of P. W. Supervision at 25 per cent. on the expenditure.	8		.....	.....	9,720	.....	9,720	G. O., F. D., 14th June 1873, No. 841.
	Establishment and Contingencies ...	9		.....	.....	900	3,350	4,250	• Cochrane's Canal Establishment. Superintendent 1,200 Writer 800 Shroff 120 Four Peons at 7 Rupees each 336 Masaddies 60
				.....	.....			2,076	Sadras Canal Establishment — Fide Board's Proceedings quoted in Remark .. One Kanakapalay

One Assistant Kanakapilly	108
One Lascar.....	73
	324
<i>Shadayemcooppum Lock Establishment.</i>	
One Kanakapilly	240
One Assistant Kanakapilly	141
One Lascar.....	96
Four Lascars at 7 Rupees each.....	336
	810
Canal Petty Establishment.....	900
<i>Contingencies.</i>	
Cochrane's Canal	80
Shadayemcooppum Lock	30
Sadras Canal	20
	130
	Total... 4,246
	or in round Numbers... 4,250

REVENUE BOARD OFFICE,
Madras, 8th July 1873.

(Signed) J. GROSE, Secretary.

not be charged to the Canal Fund under the present percentage system of paying for Public Works Supervision. They have accordingly struck the latter amount out of the Budget.

9. The Canal Fund Budget as revised by Government and the Board will now be printed and circulated to the officers concerned. An abstract of it is as follows:—

Original Works	Rs. 7,790
Repairs	31,070
	38,860
Cost of Public Works Supervision... ..	9,720
Establishment and Contingencies	4,250
Total... ..	52,830

The Accountant-General is requested to place, out of the Cochrane's and Sadras Canal Fund, Rupees 38,860 at the disposal of the Public Works Department.

10. The Collectors of the Kistna, Godavery and Tanjore Districts will report whether the balances of the Canal and Ferry Funds in their respective Districts cannot be usefully employed upon Canal and Ferry improvements during the current year.

11. Orders on the detailed Junglo Conservancy Fund Budget of expenditure will soon follow.

(A true Extract.)

J. L. M.
Secretary.

To the Collector of Chingleput, with G. O., 14th June 1873,
and the Canal Fund Budget.

- „ the Collector of Nellore, with do.
- „ the District Engineer, Chingleput, with do.
- „ the District Engineer, Nellore, with do.
- „ the Controller of Public Works Accounts, with do.
- „ the Accountant-General, with do.
- „ all other Collectors, with G. O., 14th June 1873, No. 841.

Copy to the Chief Secretary to Government, Financial Department,
with Canal Fund Budget.
„ to the Secretary to Government, Public Works Department, with do.

Erd. G. A. Turton.

Recommended by me

P. W. 1873 Report
P. W. 1873 Report
No. 4146.
1873.

Board of Revenue,
MADRAS.

PROCEEDINGS, 8TH JULY 1873, No. 1,221.

Supd 23 July/73

Encl. 1

Received 24th July/73-

JULY.

No. 1,221.

Special Local Funds—under Board's control.—Orders of Government on Board's Statement of estimated receipts and charges of— for 1873-74, communicated to all Collectors; and some of them requested to furnish information, etc., called for by Government on certain points. East Coast Canal Fund Budget as revised by Government and Board, printed and circulated to Officers concerned.

Ap 71

No 1957. 5th Aug 6/73.

to 6/6/73 22 July/73 A. 4. 4. 4. 4.

Chingelput

Inspecting Eng

(P.W. 1873 Dep't)

No. 3814

From

The D^y Engr

Chingleput

Dated 3rd } July 73
Recd 5 }
No. 854

Reports that finding
the East Coast Canal
very shallow after the
floods of last year
Mr. Harrington authorized
clearance to the amount
of Rs 5191-3-8 in excess
of the maintenance allo-
cament for 1872-3 -

1. Enclosures
G.O. 114792, dt
April 73.

1. Maistry for the entire
portion from Suddarum
to Suddarum for which
an additional grant
of 4000 Rs. is provided
Maistry from the
basin at Madras to
the Pulicat Lake

1. Maistry from the
16th to 7th mile and
on to Suddarum

Inspecting Engineer's Office
for Public Works
Camp Coimbatore.
25th July 1873.

From

Lieut Colonel W. J. F. Farewell

Inspecting Engineer for
Public Communications.

To Colonel G. W. Walker R.E.

Secretary to Government
Public Works Department
Coimbatore.

Sir,

With reference to your
endorsement of the 26th Instant
on a letter from the District
Engineer of Chingleput with its
enclosures, herewith returned,
I have the honor to report that
I think it very desirable that the
East Coast Canal should be
provided with a permanent maistry
for each of its sections, as
noted in the margin, whose
duties should be strictly con-
fined to the Canal alone.
The salary recommended by the
District

District Engineer of Chingleput
viz. 140 Rs. with travelling allow-
-ance is, I think, fair. It costs
about 15 Rs per mensem to main-
-tain a small boat with a
couple of men to propel it,
thus each Maistry should
have a consolidated salary
of 53 Rs. per mensem, a certi-
-ficate to the effect that a
boat and crew had been
maintained during the whole
month being attached to the
Salary Bills.

2. I inspected the Canal
in April and May last, its
normal depth is said to be
1 1/2 feet below mean sea level,
an inconvenient datum point.
I think, generally in tidal
Canals "low-water of springs"
is used for this purpose; I
took rough soundings of the
whole 7 1/2 miles opened for
traffic, the first 6 or nearly
7 miles from Madras, and one
especially

especially in the first 3. showed
that a great deal of clearing is
required, and between the 12th
and 23rd miles the Channel is a
good deal silted up; the remain-
-ing portion of the Canal in the
Chingleput District is of a
fair average depth, though much
of it requires to be deepened from
1 inches to 1 foot to bring it to
the depth determined upon, after
entering the Pulicat Lake at the
26th mile, the depths are all
efficient, from the 46th mile.
where the Canal again com-
-mences, to Doogarapuram
the whole Canal is about 1 foot
6 inches too shallow; which is
probably due to the 26 miles nearest
to Madras, on which most of the
traffic takes place, having received
greater attention.

3. The grant of Rs 4000 for
the 52 miles of Canal requiring
to be maintained gives a mileage
excluding fractions, of about
13 1/4 Rs per mile, which under
proper supervision and with
constant

constant attention, ought (except in the miles noted below) to be quite sufficient to maintain the Canal at the depth fixed.

4. The first 6 or nearly 7 miles from Madras the Canal runs through rotten ground, receiving numerous cross drainages, for this distance therefore I recommend the maintenance be doubled, and the grant increased by 1000 Rs. making a total of 5,000 Rs per annum, of which Rs 3,500 should be transferred to the Villone District and Rs 1,500 allotted to the Chingleput District.

5. In regards to the other transfers necessary I addressed you in my letter No 129 dated 30th May 1878.

I have the honor to be
Sir
Your most Obedt Servt.

W. H. Linted
Inspecting Engineer for
Postal Communications

Mr 1873 Dept
Pms of 1873 for Aug
No 4328

From
The Inspectors for
Ports & Comm^{ns}

25 July 1873
No 4 Aug 31
Reports regarding
the maistries re-
quired for the East
Coast Canal.

No 1951-5 Aug 10/73

C. P.

Ports & Communications

No 1951 P. M. D.

Pro. of the Madras Govt.

Read the following:-

From the Inspectors for
Ports & Comm^{ns} (H.R. No 223 of 21 April 73)
Pro. of the H^o of Rev. - (H.R. No 122 of 8 July 73)
From the Inspectors for
Ports & Communications - (H.R. No 111 of 25 July 73)

Extract Proceedings
E.C. Canal
and Budget commu-
-nicated to the In-
-specting Engineer for
Communications, and
District Engineers of
Chingleput and Bellary.
It would appear
that the sum of Rs 900
for Petty Establishment
should be added to
the amount to be

transferred to the Public
Works Department.
And the Board will
be requested to in-
crease that item
in future Budgets
to Rs 1320 to provide
a Ministry for each
Section of the Canal
respectively within
Chingleput and Madras
limits, on a consoli-
dated salary and
allowance of Rs 55
to be drawn on Cer-
tificate of his main-
taining a boat and
crew, as recommended
by the Inspecting Engineer
for Communications.

They will be maintained
at once, and any ex-
cess over the present
allotment made
good by saving
from works.

It appears from
Lieut. Col. Farewell's
Report on the subject
that the Section of the
Northern Canal with-
in Chingleput
limits requires a
~~greater~~ ^{greater} maintenance
allowance than that
within Bellare limits,
the provision of Rs
4000 in the Current

year's Budget will
therefore be divided
between the 2 Districts
in the proportions
of Rs 4000 and Rs 3000.
The sum of Rs 1200
for maintenance
north of Doogaraj-
patam will be
transferred from
the Chingleput to
the Kellore District.
His Excellency the
Governor in Council
is not of opinion
that the maintenance
allowances should
be increased; what-
ever additional sums

may be required must
be obtained by sale-
- mission of Estimates,
as that for deepening
between the Pulicat
Lake and Doogaraj-
- patam, the allotment
of which also belongs
to Kellore.

G.M.W.

Rs. The Supergr. for Comr. ✓
5000 Do Engr. Chingleput ✓
5000 Do Kellore. ✓
5000 * Controller ✓
14000 * B^d of Rev. ✓

x S. C. dated 20/8/73

Md to the above three
with the Rev. referred to disk
5/8/73 S. C. to Dr. 12/8/73

Mr. 2647, 3547, 4328 &
4146
Govt. of 1873 Madras.

PUBLIC WORKS.

To the Inspecting Eng. for
Communications

Dated

Recd.

Encl. 2

G. O. 5 Aug 1873. No. 1957.

Not by C/3

East Coast Canal.

Passing orders on the
application for Ma-
stries for the East Coast
Canal & increased
Maintenance al-
lowance.

8769-73

August 7, 1873