

- (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.	1629	Press
		Mis.
267-268		
Dated	10-4-1871	

Not to be folded or roughly handled

**Proceedings of the Madras Government, Public Works Department,
10th June 1865.**

No. 267. Read the following letter from Lieutenant-Colonel G. V. WINSKOM, R. E., Superintending Engineer, 2nd Division, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Masulipatam, 22nd May 1865, No. 21 :—

Sir, 1. I have the honor to submit for sanction, an estimate for constructing a sea embankment from the tidal calingulah near the Fort to Gilkulindy, and thence to Caremeedy, amounting to Rupees 9,000.

2. The necessity of this work was fully explained by Colonel Anderson in paragraph 2 of his Memorandum on the project for supply of drinking water and for drainage of town, dated 19th December 1864, and recorded in G. O.* No. 111, dated 25th January 1865, and in the remarks made in the list of "cyclone works,"† submitted to Government with letter No. 146, dated 10th March 1865, from this Office.

3. The groynes allowed in the estimate are proposed with the view of encouraging the drift sand to accumulate, by this means the bank will probably become in time considerably stronger.

4. In my letter to Government, No. 3, dated 6th instant, I applied for Rupees 7,738, (the unexpended balance of the rough estimate in the list referred to), as a grant for this work in the current year from the Reserve Fund, but the correct amount of the estimate now submitted being only Rupees 9,000, I solicit the sanction of the Government for Rupees 7,338,‡ for expenditure in the current year.

‡ Estimate	RS. 9,000
Deduct expenditure up to 30th April 1865	1,662
	7,338

No. 268. ORDER THEREON, 10th June 1865, No. 1,601.

CIVIL WORKS, No. 48.

the tidal calingulah near the Fort of Masulipatam to Gilkulindy, and thence to Caremeedy in the Kistna District.
§ Rupees 7,338.

will be placed at the disposal of the Superintending Engineer, 2nd Division, from the Reserve under "Miscellaneous Public Improvement."
(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 2nd Division.
" Accountant General.
" Controller of Public Works Accounts.
Exd. S. T. Augustin.

Superintending Engineer 2^d Div

Extract from the List of Cyclone works
Submitted to Government with letter
No 146 dated 10. March / 65 from the Supy Engr 2nd Div
Sea Embankment at Masulipatam.

Completely destroyed by the
Cyclone not a vestige of it is to be
seen and the ground it occupied is so
much lowered by the action of the
waves that the tide can pass freely
into the Swamp between the Fort and
Station. For a considerable distance the
level of the ground is 2 feet below ordinary
high water mark. The reconstruction of
the work is evidently very necessary.
It is now in progress and if funds are
provided may be raised to the height of
9 feet above ordinary high water before
the commencement of S.W. Monsoon in

June
Superintending Engineer
Office 2nd Div. Masulipatam
10. March 1865
1. J. B. Anderson Secy
1. True Beltrac Supy Engineer 2nd Div
Lt Col Mms 1046
Lieut Col B
Superintending Engineer 2nd Div

Kristna District

Work

Constructing a Sea Dyke from the Sisal Caligula in the Fork of Masulipatam, Along the Canal to Palhala and thence to Karamuz. Height of bank 9 ft. Above H.W. width at base 12 ft. Slopes 2 to one

Quantity.	Description of Charges.	Rate.	Amount.	Total.
89071	Cubing yards of Earths work at -	" 14	7422 94	7422 94
	Constructing Groynes			
112	Cubing yards of Earths work	" 12	8 28	
5	Palmyra trees for stakes	" 14	5 4	
	Sundries -		13 8	
	viz for 1 groyne -			
410	Groynes similar to the Above	13 8	540	553 8
	Plantation Along the Dykes and Watering	" "	" "	600
	Sundries & Contingencies -	" "	" "	423 14 8
	Total Estimate Rupees			9000

Superintendent Engineer
Masulipatam 2nd Div
2nd May 1865
S. V. M. S.

Commissioner
Superintendent Engineer
P. S. S. S.

Collector

No 21

Sup^{ts} Engrs Office
Mashipatam
22 May 1865

From Col. G. V. Winscom R.E.
Sup^{ts} Engineer Engrs

To Col. C. A. Orr R.E.
Secy to Government
D. G. E.

Enclosure

1. Abstract Estimate

1. Detailed drawing of
the proposed
Embankment

2. Plan

I have the honor to submit
for sanction, an Estimate for con-
structing a Sea Embankment from
the Fiscal Calingula near the Fort to
Gillendoiny, and thence to Caremooey
amounting to Rs 9000.

2. The necessity of this work
was fully explained by Colonel
Anderson in para 2 of his memo
on the project for supply of drinking
water and for drainage of town
dated 19 December 1864, and recorded

*G.O. No 438 dated
14 February 1865
in the Public Works
Department

in G.O. No 111 of 25 January 1865,
and in the remarks made in

Copy attached
to the Estimate

the list of Cyclone works submitted
to Government with letter No 460 of 10 March 1865

21

297.19.12/65

No

of 1865

Abstract of Estimate

for the proposed

Embankment

from the Fiscal

Calingula near the

Fort to Gillendoiny

and thence to

Caremooey

amounting to Rs 9000

from this Office -

3 The progress allowed in the Estimate as proposed with the views of Encouraging the draft ^{and} to accumulate by this means the bank will probably become in time considerably stronger.

4 In my letter to Government No 3.8/6 in ^{the} I applied for Rs 77381 / the Disbursement balance of the rough Estimate in the list referred to / as a grant for this work in the current year from the Reserve fund, but the correct amount of the Estimate now submitted being only Rs 9000 I solicit the sanction of the Government for Rs 7338 for Expenditure in the current year

+ Estimate Rs 9000
Disposal Expenditure
Balance up to 30 April 68. 1662
7338

I have the honor to be

Yours most Obedt Servt

Commr. Civil & E.
Supy Engineer

Compd
Whe



P. M. 1865
June 11
June 12
The Chief Engineer
of the
2nd Division

Joseph L. Gault
J. C. W.

At a 22 Aug 1865
Dec 21

Submitting for sanction
an estimate for constructing
a sea embankment
from the Canal College
near the fort to the
Raidway. amounting
to \$1601.10

June 1865

June 1865
June 1865
June 1865

June 1865
The Governor in Council

Sanction the estimate submitted with
this letter amounting to \$1601.10
for the construction of a
sea embankment from the
tidal Calingulal near the fort
of the fortification to the fort
church, and thence to the
in the tidal with -

2. The balance of the
estimate remaining unexpended
on the 30 ultimo will be placed at
the disposal of the S. D. S. 22nd
from the Reserve under "Miscellaneous
Public Improvement" -
June 1865