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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	1278	Press
		Mis.
Dated	11-5-	1865.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
11th May 1865.*

No. 224. Read the following Proceedings of the Madras Government in the
Marine Department :—

Authorizing the Superintendent of Marine
to submit an indent for a suitable
lantern for the Hope Island Light-
house, and requesting that Officer to
report on the description of lantern
required for the Light-house at Coca-
nada, and on the manner in which the
lantern at present in use at Hope Island
can be disposed of, if not wanted at
Cocanada.

(Here enter 3rd May 1865, No. 94.)

No. 225. ORDER THEREON, 11th May 1865, No. 1,278.

CIVIL WORKS, No. 29.

Communicated to the Superintending En-
gineer, 1st Division, with reference to his letter
No. 425, dated 20th June 1864.

(True Extract.)

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

To the Superintending Engineer, 1st Division.

Exd. T. O'Connor.

3

Proceedings of the Madras Government, Marine Department,
3rd May 1865.

No. 6. Read the following letter from J. J. FRANKLIN, Esq., Superintendent of Marine, to the Honorable A. J. ARBUTHNOT, Chief Secretary to Government, Fort Saint George; dated Madras, 30th March 1865, No. 1107.

On the 18th October last, I had the honor to submit a report on the proceedings connected with the light-house built at Cocanada. I therein explained that the light originally proposed to be exhibited there was to be of moderate power, to be established at a moderate outlay. It was to be a small red light, to guide vessels clear of the north end of the shoal, when entering the Port at night. This was in 1856.

2. Since this, however, the features of the Port have altered. The annual encroachment of the bank, formed by the silt brought down the Coringa branch of the Godavery, has been such as to drive vessels to an anchorage upwards of a mile north of the position they used to occupy when the light was first contemplated. This, together with the increase of the shoals to the eastward, has rendered it expedient to reconsider the whole question.

3. I addressed the Master Attendant at Cocanada on the subject in October last, but his reply only reached me a few days back, having been retarded, as is reported, by strong winds and currents preventing the examination of the banks, and by other duties which could not be postponed. A chart of the Bay of Coringa was sent to this officer, in order that the present limits of the bank should be laid down. This has been done with sufficient correctness to show that the anchorage is now too far north for the Cocanada light to be useful as a cross bearing, in taking up a berth at night. I consider, therefore, that a mere port light, such as was at first intended, is not now required.

4. But at the same time, it appears to me that with the yearly progressing importance of Cocanada, and the gradual spread of the bank, as well to the eastward as to the north, which renders the approach to the Port more dangerous, it is time that some improvement should be made in its lighting. The Master Attendant thinks the Hope Island light too far inland, and points out an eligible spot for a new tower, which is never entirely covered with water; a very high tide sometimes washing up to the walls of the present structure. This would place the light about a mile or more to seaward of its present position. Captain Thomson likewise recommends an efficient light at Cocanada, visible about 11 or 12 miles off.

5. The Hope Island column is no doubt too far inland; but the inconvenience of this can be remedied by establishing on it a more powerful light; and I think the best mode of illuminating this Port, which is common to Coringa, Cocanada, and the French Settlement of Yanam, is to have a thoroughly good light exhibited from that column. The present light is 83 feet above sea level, which will give a range of 11 to 11½ miles from the deck of a vessel, which will be quite sufficient to keep her clear of all danger. This light should be either revolving or with eclipses, should be constructed on M. Fresnil's principle, and should show a light to all points of the compass. The cost would probably be from £400 to £450, which could be met from the Port fund, which has about 13,000 Rupees to its credit.

6. The lantern now exhibited on the Hope Island tower, when replaced by the other, I would put upon the Cocanada column, where it would be useful to vessels coming from the northward; the present anchorage being upwards of 9 miles from the Hope Island light.

7. Should the Government concur in the views herein expressed, an indent will be submitted for the lantern, to be obtained from England.

No. 7. ORDER THEREON, 3rd May 1865, No. 94.

Under the circumstances represented in the foregoing letter, the Governor in Council authorizes the Superintendent of Marine to submit an indent for a lantern, of the description now considered necessary for the Hope Island light-house.

*Proceedings of the Madras Government, Marine Department,
3rd May 1865.*

2. With respect to the proposal to transfer the lantern at present on the Hope Island tower to the column erected at Cocanada, it seems to His Excellency in Council that the light will be far more powerful and expensive than is needed at Cocanada, and that a far cheaper one will suffice. Mr. Franklin is requested to submit his opinion on these points, and to state how the lantern at present in use at Hope Island can be disposed of, in the event of its not being used at Cocanada.

(True Extract).

H. J. Lunt
Chief Secretary.

To the Superintendent of Marine.

„ Public Works Department, with Nos. 208 and 221 of 1864.

Exd. J. H. Burns.

Civil Works

1278

Communicated to the

*Superintending Engineer P. D.,
with reference to his letter No. 25,
dated 20th June 1864.*

*Spent St George
11th May 1865*

*To The Supy Engineer P. D. F.
X²⁸*

Recd 12th May

Proceedings of the Madras Government, Marine Department,

2. With
to the column
far more pow-
erful. Mr. F.
at present in
India.

To the Super-
intendent,
Public

P. M. 1865 Dep't
Proc. of Govt. for May
1579

Proc. of the Madras Govt.
in the Marine Dept.

DPB } May 1865
Secy

Co. 2. N. 44

Authorizing the
Supt. of Marine to submit
an indent for a suitable
lantern for the Hope Island
Light House, and request-
ing that office to report
on the description of lantern
required for the Light
House at Canada, &
on the manner in which
the lantern at present
in use at Hope Island
can be disposed of
if not wanted at
Canada.

N^o 224-225

With an Order
No. 1278-15, May 1865