MADRAS RECORD OFFICE

Government of Madras

DEPARTMENT

G.O. No. Proc

Dated 19

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15

Fort Saint George, Public Works Consultation of 14th December 1858.

No. 80. Read the following Extract from the Minutes of Consultation in the Marine Department, dated 1st December 1858, No. 473.

Communicate to this Department correspondence on the subject of the Lights to be exhibited at Carwar Head and Tuddree. Lieutenant Taylor of the I. N. requested to give his opinion on the suggestions contained in the letter from the Superintendent of Marine. The letter from the Officiating Chief Engineer dated 22nd September last and the sketch referred to in it, communicated to the Superintendent of Marine for any remarks he may have to offer in regard to the site selected for the Light House at Tuddree.

(Vide Marine Consultation, 7th December 1858, Nos. 1 at 3.)

No. 81. ORDER THEREON, No. 2695; dated 13th December 1858.

Communicated to the Officiating Chief Engineer with reference to Extract Minutes Consultation 16th November 1858, No. 2414.

(Signed) W. H. BAYLEY,
Acting Secretary to Government.

No. 473.

Extract from the Minutes of Consultation under date the 1st December 1858.

Read the following letters:

From Colonel G. BALFOUR, Inspector General of Ordnance and Magazines; to the Chief Secretary to Government, Fort Saint George, dated 18th November 1858, No. 489.

SIR,

I have the honor to acknowledge the receipt of Extract Minutes of Consultation, No. 433, dated 26th October 1858, calling for a report as to the steps taken by this Department in pursuance of the orders of Government for the construction of two Lanterns for the Oyster Rocks and Carwar Head Light House.

2. On the receipt of the first order on the subject, conveyed in Extract Minutes of Consultation, No. 198, dated 16th July 1856, instructions were given for the construction of two first Class Lanterns with Reflectors, &c., complete.

3. The order communicated in Extract Minutes of Consultation, No. 270, dated 2nd September 1856, arose from a recommendation submitted by the Marine Board as to the descriptions of glass to be used for the Lanterns respectively, so as to distinguish the one light from the other; and, agreeably to the sanction of Government, the Principal Commissary of Ordnance was instructed to construct the Lantern for the Oyster Rocks of white glass, and that for Carwar Head, of red.

4. Some difficulty having been felt in procuring the requisite stained glass, a reference was made to the Secretary of Marine Board on the subject, and I beg to enclose copy of a reply from that Officer to the Principal Commissary of Ordnance. In consequence of the intimation contained in this letter, the preparation of a 2nd Lantern was abandoned, until such time as the Marine Board should again communicate with this Department on the subject, but which has not since been done. The Lantern with plain glass was accordingly completed and forwarded to the Superintendent of Marine on the 25th September 1858, for shipment to its destination.

From J. J. FRANKLIN, Esq., Secretary Marine Board; to Captain W. C. L. BAKER, Principal Commissary of Ordnance, dated 20th January 1858, No. 298.

SIR,

With reference to your letter of the 15th Instant, No. 140, inquiring if there is any immediate necessity for the stained glass Lantern for Sedashegar, I have the honor, by desire of the Marine Board, to inform you that there is no present occasion for a Lantern of the description alluded to at that Port. They would request therefore that the one in question be completed with plain glass, leaving the construction of the one to shew a red light for a future time, should it be found that it is required; on which point the Board will hereafter communicate with you.

2. I am however directed to state that they hardly think it will be found necessary to shew two lights at the Port of Sedashegar, and that Lieutenant Taylor of the Indian Navy, who surveyed the place, concurs with them in this opinion.

From J. J. FRANKLIN, Esq., Superintendent of Marine; to the Acting Secretary to Government, Fort Saint George, dated 19th November 1858, No. 4694.

SIR,

I have the honor to acknowledge receipt of Extract Minutes of Consultation of the 26th October last, No. 433, on the subject of the Lights to be exhibited at Carwar Head and Tuddree, and in the 4th para: referring to the difficulties which might arise from two white Lights being placed at so short a distance from each other as twenty-five miles.

The Establishment of a Light at each of these places, and the abandonment of that at Coompta, having been decided on, I would recommend that one should be a double light, and that the latter should be exhibited at Carwar Head, where, by placing the lower light in such a position as to be in a

Extract Minutes of Consultation, 11th November 1858, No. 450.

line with the upper one on a certain bearing, it might be rendered a mark to clear some of the dangers off that part of the Coast. There are no Rocks to seaward off Tuddree to render this necessary. The lower light should be placed at some distance, three or four hundred yards at least to seaward of the upper one, and the difference in height should be as great as can be attained without interfering with a clear view of it from the Sea, as the two would appear only as one from a distance unless so separated. The nature of the ground on Carwar Head may be such as to intercept the view of a low light from the Sea unless its position is very carefully selected, and I would suggest that Lieutenant Taylor of the Indian Navy, who is still employed in that locality and who has a thorough knowledge of the subject, should be asked to point out the site he would recommend for the lower light which, from the elevation of Carwar Head, (640 feet,) need be raised no higher than is absolutely necessary to render it visible to the Mariner.

3. A small building or Platform would be required for the lower light, and I think if the perpendicular distance between the two was 60 feet, it would be sufficient to render each distinctly visible.

I recommend a double white light in preference to a colored one as, not only is there great loss of power in using tinted glasses which absorb the rays of light, but there is much difficulty in procuring them of sufficient size, and in fitting them.

5. Looking to the mistake that was made in the selection of the position occupied by the Coompta light, which Lieutenant Taylor shewed was so shut in by higher ground as to be only visible from a small portion of the Sea horizon, a mistake which, I should observe, originated with the promoters of the measure on the spot and not with the late Marine Board, I would respectfully urge that particular care be taken in fixing on a site for the Tuddree Light, and I would suggest whether it would not be as well to afford me an opportunity, by sending me the Plans, of offering any opinion thereon, which I might think advisable to submit.

Order.—Resolved that the letters recorded above be communicated to the Public Works Department, in reference to Extract Minutes of Consultation, 26th October last, No. 433. Lieutenant Taylor will be requested to give his opinion on the suggestions contained in paras: 2 to 4 of the letter from the Superintendent of Marine.

2. It is observed that a copy of Lieutenant Goddard's report and the papers therewith connected respecting the erection of the Light House at Tuddree was furnished to the late Marine Board with Extract Minutes of Consultation, 16th September 1857, No. 373. The Officiating Chief Engineer's letter of 22nd September last, and the Sketch referred to in para: 2, will now be communicated to the Superintendent of Marine for any remarks he may have to offer in regard to the site selected for this Light House.

(True Extract and Copies.)

W. A. Bayley

Acting Secretary to Government.

To the Department of Public Works.
" Superintendent of Marine,
with E. M. C., in the P. W. D., No. 2097, and a Plan and Sketch.
To Lieutenant A. D. Taylor, I. N., Mangalore.

Exd. J. A. Wilson.

P.M. Cons. 23d Nov. /58 — 129-30
" " 30th " " — 26-27
" " 29th July /56 — 43-44
" " 6th Sept. " — 79-80
Marine 22d " " " — 1-2

Ex. M. Con. Marine Depart.
7/30 March /59 — No. 606.

for the Light House at Tuddree.

No. 80 & 81.

Public Works 1858 Depte
Dte 14th Dec.

No. 2966.

Ext. Instns. Cons. in
the Marine Deptt.

Dated 1st Dec.
Received 6th Dec. /58
Ex. M. Con. the Marine 7/16 Dec. /58
No. 818 of Cons. 12th Jany /59
£ 13.11.2

No. 2695. 13th Dec. 1858.

Communicate to this
Deptt. correspondence on the
subject of the Lights to be
exhibited at Carwar Head
& Tuddree. Lieut. Taylor of the
I. N. requested to give his opi-
nion on the suggestions con-
tained in the letter from the
Deptt of Marine. The letter from
the Offg Chief Engr 22d & 29th July
referred to in it communicated to
the Deptt of Marine for any re-
marks he may have to offer
in regard to the sites selected.
With an order for

2695 — No. 2695

Commencd. Ltr. to
the Offg. Chief Engr.
Under the reference to Capt.
Memorandum Consultation 16th
November 1858 Vol. 2414.

W H A

Fort St. George
13th Decr. /58

10 Copies to the Offg Chief Engr.
Dated 14th
with E. R. C. B. 473.