1. Number of pages. 6
2. Date of repair. 24-6-3
3. Initials of Reference.

M.R.O. 1—22,500—29-11-60

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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

Cons. 25.4.57

G.O. No.	78 c	Press Mis.
70-71		
Dated	25-4	1857.

Not to be folded or roughly handled

No. 70. Read the following letter from Colonel C. E. FABER, Chief Engineer; to H. FORBES, Esq., Acting Secretary to Government, dated 17th April 1857, No. 11783.

SIR,

I have the honor to forward for the consideration of Government a letter from the District Engineer of Malabar No. 941, dated 11th March, together with a plan and estimate for an iron Column to carry the Port Light of Cochin.

2. Government are aware, that the Light House lately constructed of masonry, is now a ruin, and that its fall was attributed by Colonel A. Cotton, the Commandant of Engineers, to the softness of the stone used in constructing it. Captain Ouchterlony states that to construct another Light House similar in form to that, which fell, but composed of firmer stone procurable from a greater distance, would cost between 5,000 and 6,000 Rupees, with the view of avoiding the expenditure of so large a sum, he has recommended, the erection of a hollow iron Column, over the old Dutch Tower, and forwarded a plan for the same, together with an estimate, amounting to Rupees 3,530.

In letter No. 941, dated 11th March 1857.

3. This design has been submitted to the Marine Board, and has been approved of by that body, provided I am satisfied of the stability of the iron Column.

4. As I have no doubts, respecting the stability of the Column, if fixed as proposed by Captain Ouchterlony, I have no objection to it on that score, I do not think it so elegant as a simple tower, but under the necessity for avoiding the expenditure of more money, than is absolutely necessary, I have the honor to recommend the work for execution.

5. I have had the estimate examined, and find its arithmetical calculations to be correct, with respect to the price of the iron, I can only say that it will probably be found sufficient, but the fluctuations on the iron trade, in England, are such that it would be impossible for me to say decidedly, what the price of iron will be in the official year 1858-59, during which this work will I presume have to be erected unless His Lordship in Council viewing the case as one rather of repair, or re-construction than new work, should be pleased to authorize the District Engineer of Malabar, to take measures for the immediate prosecution, of so useful an undertaking.

6. From the accompanying letter No. 823, dated 24th March 1857, from the Collector of Malabar, it will be seen, that he approves of Captain Ouchterlony's plan, and of the position of the proposed light.

No. 71. ORDER THEREON, No. 780; dated 25th April 1857.

Ordered to be referred to the Marine Department for consideration.

(Signed) H. FORBES,
Acting Secretary to Government.

Central Office of P.W.
Fort St. George 17th April 57.

No. 1178

From

The Chief Engineer D.P.W.

To

The Secretary to Govt. P.W.D.

Sir,

Marine
Cochin Light House

I have the honor to forward for the consideration of Government a letter from the District Engineer of Malabar No. 941 of 11th March, together with a plan and estimate for an iron Column to carry the Light of Cochin.

2. Government are aware, that the Light house lately constructed of Masonry, is now in ruin, and that its fall was attributed by Colonel A. Cotton the Commandant of Engineers to the softness of the stone used in Constructing it. Captain Dichterlony states that to construct another light house similar in form to that which fell, but composed of firmer stone procure from a greater distance, would cost between 5,000 and 6,000 Rupees, with the view of

In letter No. 941 of 11th March 57.
procurable?

of avoiding the expenditure of so large a sum, he has recommended the erection of a hollow iron Column, over the old Dutch Tower, and forwarded a plan for the same, together with an Estimate amounting to Rs. 3530.-

3. This design has been submitted to the Marine Board, and has been approved of by that body, provided I am satisfied of the stability of the iron Column.-

4. As I have no doubts, respecting the stability of the Column, if fixed as proposed by Captain Ouchterlony, I have no objection to it on that score, I do not think it so elegant as a simple tower, but under the necessity for avoiding the expenditure of more money, than is absolutely necessary, I have the honor to recommend the work for execution.-

5. I have had the Estimate examined, and find its arithmetical Calculations to be correct, with respect to the price of the iron. I can only say that it will probably be found sufficient, but the fluctuations on the iron trade, in England are such that it is

would be impossible for me to say decidedly, what the price of iron will be in the Official year 1858/59, during which this work will I presume have to be erected, unless Their Lordships in Council viewing the Case as one rather of Repair, or reconstruction than New Work, should be pleased to authorize the District Engineer of Malabar, to take measures for the immediate prosecution of so useful an undertaking.-

6. From the accompanying letter No. 223 dated 24th March 1857 from the Collector of Malabar it will be seen, that he approves of Captain Ouchterlony's plan, and of the position of the proposed light.-

I have the honor to be
Sir,
Your most obt. Servt
Fort St. George
17th April 57
Lieut. Colonel
Chief Engr.
To
The Secy to Govt
P.W.D.

Lt. Colonel

Fort St. George
28th April 1857

From
The Chief Engineer
Dt. Fort St. George

To The Secretary to Govt.

No. 780

Ordered to be referred to the Marine Department for consideration

Fort St. George
25th April 1857

To Capt. to the Marine Dept.
with 5 Dirgl. Encls.

Date 1st May 1857
Rec'd 20th May 1857
No 1783-5 Encl: Ltr

Forwards Correspondence relating to, with Plan & Estimate of Rs 3530, for the Construction of an Iron Column to carry the Port Lights at Cochin, and that the Secretary has been apprised of by the Marine Board no doubts are entertained with respect to its stability &c commences that under the reception which exists for erecting any very great edifices since the works be sanctioned for execution.

With an order
No. 780 — 25 April

No 70 & 71.