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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public works DEPARTMENT

G.O. No.	279	Press.
B.P. No.	W	Mis.
Dated 1-2-1881		197

S.G. N.

Not to be folded or roughly handled

279
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

1st February 1881, No. 279 W.

Buildings and Roads.
Civil Works.

Read the following papers :—

No. 1. Endorsement of the Chief Secretary to Government, Marine Department, dated Madras, 10th January 1881, No. 37.

From J. H. TAYLOR, Esq., Lieutenant, R.N.R., Master Attendant, Administrative Department, to the Chief Secretary to Government, dated Madras, 23rd December 1880, No. 11,470.

REFERRING to Proceedings of Government in the Public Works Department, in No. 2,298 W., dated 4th October 1880. which it is contemplated to expend Rs. 20,000 on the erection of two light-houses at the entrance of the harbour, I have the honor to point out that it would be impossible to guarantee the exhibition of the lights in bad weather, or even in a moderate breeze, as with the sea sweeping over the pier would render communication dangerous. I would therefore suggest that a strong electric light apparatus be fixed in such a situation as will ensure the best distribution of light over the whole of the harbour.

2. This would enable steamers to enter the harbour at all times of the night when accessible, and would, moreover, act as preventative to any breaches of Port Rules in regard to discharge of ballast, illegal transshipments, &c., as also prove an effectual bar to any smuggling operations.

3. I have conferred with Mr. Thorowgood on the subject, and he quite approves of my proposal.

REFERRED to the Public Works Department for consideration.

(Signed) R. DAVIDSON,
Chief Secretary.

No. 64.

REFERRED to the Engineer-in-Chief, Madras Harbour Works, for any observations he may wish to offer.

12th January 1881.

(Signed) R. H. SANKEY, Col., R.E.,
Secy. to Govt., P.W.D.

No. 1-A. From W. PARKES, Esq., M. Inst., C.E., Engineer-in-Chief, Madras Harbour Works, to the Secretary to Government, Public Works Department, dated Madras, 14th January 1881.

I HAVE the honor to return herewith the letter of the Master Attendant of the 23rd December 1880, on the subject of lighting the harbour with the following remarks.

2. Although the sum of twenty thousand rupees is put down in the estimate for light-houses on the pier heads, it was not intended to take any immediate measures for their construction, as it would be a necessary condition that the concrete block-work should have time for thorough consolidation before such structures could be erected upon them.

3. I do not think, however, there would be the impossibility Captain Taylor anticipates in the maintaining the lights in bad weather, as the light-house towers could be made suitable for the accommodation of two or three light-keepers for several days or even weeks without communication with the shore.

4. At the same time I agree with Captain Taylor, that in the first instance, at any rate, and not improbably for a permanency, a single leading light fixed on the head of the screw pile pier would be the most suitable guide to the entrance of the harbour at night. But I think it would be better to defer the determination of the exact character of the light until a decision has been arrived at as to the regulations under which ships may enter and take up berths at night. This involves the whole question of pilotage and port regulations, which, I would beg to submit, urgently requires early consideration.

5. As I understand there is an electric light apparatus at Madras, it might be desirable to ascertain by experiment how far such light would be available for the objects suggested by Captain Taylor.

No. 2. ORDER THEREON, 1st February 1881, No. 279 W.

As regards the question of lighting the harbour, brought forward in these papers, no immediate action appears necessary. The matter will, however, be referred for consideration by the Harbour Works Committee, with the remark that it would seem desirable in this, as in other cases, to use plant designed for the purpose to which it is to be put, and not to employ an apparatus intended for work of an entirely different kind because it happens to be on the spot.

2. It is understood that rules for entering and leaving the harbour have recently been submitted by the Master Attendant under the Ports Act.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintendent, Madras Harbour Works.
" Secretary to the Harbour Works Committee.
" Marine Department.

Exd. S. T. Austin.
Spare Copies

279
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BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1881) Madras.
PUBLIC WORKS.

THE SUPERINTENDENT,
MADRAS HARBOUR WORKS.

No. 279 W.

Printed by the

Printer

Printed

End.

G. O., 1st February 1881, No. 279 W.

FEBRUARY.

Nos. 1-3.

Lighting of the Madras Harbour.—Passing
orders on the subject of the —.

Administrative Department.

No. 11470

MADRAS,

Marine Office,

23 December 1880.

From

J. H. TAYLOR, Esq., LIEUT., R.N.R.,

Master Attendant,

Administrative Department,

Madras.

To

The Honble R. Davidson Esq. S. I.

Chief Secretary to Government,

Marine Department,

Fort Saint George.

Sir,

N. 2298 W
Dated 4th October
1880.

Referring to Proceedings of Govern-
ment, in the Public Works Department, in
which it is contemplated to expend Rs. 20,000
(20,000) Twenty thousand on the erection of
two lighthouses at the entrance of the
harbour, I have the honor to point out that
it would be impossible to guarantee the
exhibition of the lights in bad weather,
or even in a moderate breeze, as with the
sea sweeping over the Pier would render
communication dangerous. I would therefore
suggest that a strong electric light
apparatus be fixed in such a situation
as will ensure the best distribution of
light over the whole of the Harbour.

This

2 This would enable steamers to enter the harbor at all times of the night when acceptable, and would moreover act as preventative to any breaches of Port Rules in regard to discharge of ballast, illegal shipments &c, as also prove an effectual bar to any smuggling operations.

3 I have conferred with Mr. Thoroughgood on the subject, and he quite approves of my proposal.

I have the honor to be
Sir
your most Obedt servant
Wm Taylor
Master Attendant
Administrative Department

MM

229
4

279
5

From

The Master Attendant,
Administrative Dept.
Madras,
21.11.80

To

The Chief Secy. to Govt.
Marine Department,
Port Saint George.

Dated 23 }
Received } December 1880.

No. 11490
Enclosure.

*Suggest the lighting
of 11st Gate on down side
forming a strong electric
light apparatus.*

Marine (1880) DEPARTMENT
Madras Harbour Light

From the Master Attendant
Madras

No. 11470.

Dated 23rd
Recd. 24th December 1880.
Regd. 31st

No. 8092

SUBJECT.

Suggests the lighting
of the Harbour by fixing
a strong electric light
apparatus

TO BE EXAMINED
WITH CARE.

PR

to 37

referred to
the Public Works
Dept. for consideration

Madras
11/1/81

S. M. S. M.
Chief Secy.

From

2/6 P 4

W. Parkes Esq. M. Inst. C.E.
Engineer in Chief
Madras Harbour Works

To,

Colonel R. M. Sankey C.B. R.E.
Secretary to Government
Public Works Department

Madras 14th January 1881

Sir,

I have the honor to return
herewith the letter of the Master
Attendant of the 23rd December
1880 on the subject of lighting
the Harbour with the following
remarks.

2. Although the sum of
twenty thousand rupees is put down
in the estimate for lighthouses on
the Pier heads it was not intended

No 61

P 3

Referred to the
Engineer in Chief, Madras
Harbour for any
observation he may
wish to offer.

Col. Sankey Esq.
Secretary
12 Jan 1881

to take any immediate measures for their construction as it would be a necessary condition that the concrete block work should have time for thorough consolidation before such structures could be erected upon them.

3. I do not think however there would be the impossibility Captain Taylor anticipates in the maintaining the lights in bad weather as the light-house towers could be made suitable for the accommodation of two or three light-keepers for several days or even weeks without communication with the shore.

4. At the same time I agree with Captain Taylor that in the first instance at any rate, and not improbably for a permanency, a single

28/1 15
leading light fixed on the head of the screw pile pier would be the most suitable guide to the entrance of the harbour at night. But I think it would be better to defer the determination of the exact character of the light until a decision has been arrived at as to the regulations under which ships may enter and take up berths at night. This involves the whole question of pilotage and port regulations, which I would beg to submit urgently requires early consideration.

5. As I understand there is an electric light apparatus at Madras it might be desirable to ascertain by experiment how far such light would be available for the objects suggested by Captain

Taylor:

Have the honor to be,

Sir,

Your most Obedt. Servant,

W Parkes M.D. & C.

Engineer in Chief

Madras Harbour Works

279
8

B. No. 2295 W. 4-10-80.

P. W. C. 243

Regd. No. 1157

C. No. 243. C. 17.1.

GOVT. } 188 . { P. W.
OF MADRAS. } DEPT.

SECRETARY.

Chepauk,

15th June.

188

OFFICE NOTE

To

W.

From Mr. Parkes

Re ... dated 14th

Jan 1881 -

Lighting of the

Harbour -

It does not appear necessary to take any immediate action; with regard to the last para of Mr. Parkes' letter, it would seem desirable in this as in other cases, to use plans designed for the purpose.

C. 17.1. C. 29.1.

which it is the first,
and not to pick up
an apparatus intended
for work of an entirely different
kind because it happens
to be on the spot -

Experiments in this
connection appear un-
necessary -

D. W.

C. A. W.

Agreed - at the
same time the
question of pilotage
and port regulations
as pointed out by
Mr. Parker should be
taken up at an
early date

Future note on
circulation in the
harbour

Att.

27/8 P.H.S.

Endorsement of the Marine Dept. 37,
dated 10th Jan'y/81, on the letter from
Master Attendant, Madras, No. 11470
dated 23rd Dec'80.

Letter from the Engineer in Chief
Madras Harbour No. 10, dated 16th Jan'y/81.

Note

In regard to the
question of lighting in
the Harbour brought
forward in these
letters it does not
appear necessary to
take any immediate
action.

2. With reference to
the last para of the
Mr. Parker's letter it
would seem desirable

1/81

in this as in other cases
to use plant designed
for the purpose to which
it is to be put, and
not to pick up an
apparatus intended
for work of an entirely
different kind because
it happens to be on
the spot.

3. Experiments in this
connection appear
unnecessary.

4. The question of
Pilots and Port
Regulations should,
as pointed out by
Mr. Parker, be taken
up at an early date.

C. W. Stanley Colamb. Sec.
Secy. Govt. P.W.D.

The Harbour Works

N^o 279 W

279 W.

B. H. Clarke

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 1st Feb'y/81.
Read the following:—

27/1
Reindorsement of the Marine
Dep^t's letter from the Master
Attendant, N^o 11470 d/23^d Dec/80 } (H.E. N^o 37 d/10th Jan'y/81)

Letter from the Engineer
in Chief, M. W. Works } (d/14th — "—)

As regards the
question of lighting the
Harbour brought forward
in these papers, no imme-
diate action appears
necessary. The matter
will however be referred
for consideration by the
Harbour Works Committee
with the remark that it
would seem desirable in
this, as in other cases, to
use plant designed for the
purpose to which it is to be
put, and not to employ

an apparatus intended
for work of an entirely
different kind, because
it happens to be on the
spot.

2. It is understood
that Rules for entering
and leaving the Harbour
have recently been
submitted by the Master
Attendant under the
Portolot.

S
3/4

Sup^d Mr. H. M. L. ✓
The Secy to the H. W. Committee ✓
Marine Dept. ✓
10-2-81

279
12

243.

243.

Capt. of 1881: ~~Madras~~
PUBLIC WORKS.

To

Dated

7-2

Issued

Recd.

Recd.

G. O., 1st July 1881, No. 2794.

No. 1-8 32

Lighting of the Madras
Harbours.

Passing orders on
the subject of the

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