

(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.	2170-71	Press
B.P. No.		Mis.
Dated	7-8-	C874 195

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
7th August 1874.*

No. 145. Read the following Despatch from the Right Honorable the Secretary of State for India:—

Public Works.

No. 9.

INDIA OFFICE,
London, 18th June 1874.

MR LORD,—I have received your letter, No. 11, dated 6th March 1874, forwarding copy of a report by Colonel Fraser, R.E., together with previous correspondence, on the subject of the lighting of the approach to the Port of Cocanada, and requesting that Mr. G. Wells and Messrs. Chance Brothers may be respectively called upon to furnish the necessary estimates for the proposed lighthouse and for the lighting apparatus complete.

2. I enclose, for your information, a copy of a letter received from Mr. Wells, suggesting that he be allowed, in order to carry out the preliminary borings to test the nature of the ground at the proposed site of the lighthouse, to send out a 6-inch diameter pile, 60 feet in length, made in three lengths with three screws.

3. Mr. Wells also suggests that a gentleman in his employ, at present superintending the erection of a lighthouse on the North Sands, Malacca Straits, should be allowed to proceed to Cocanada, and either send or take with him the capstan head or bars and fix the pole so as to test the nature of the ground, and decide what diameter of screw ought to be used, and the distance the pile should penetrate the ground.

4. These proposals I have approved, and I have also sanctioned the terms of remuneration for the service Mr. Wells proposes, viz., the payment of the salary of the person he has selected for the service amounting to £45 per mensem, his expenses while travelling from Singapore to Cocanada, and during stay at the latter port; also the difference, if any, between the passage from Cocanada to England and Singapore to England.

5. Mr. Wells also stipulates that all winches, ropes, barges, etc., are to be supplied free by your Government as well as all necessary labor for fixing and removing the test pile, which he proposes to take up again and place in charge of the Local Authorities at Cocanada.

6. I request, therefore, that instructions may be issued for the provision of necessary material and assistance which may be required by Mr. Wells' representative.

7. Messrs. Chance Brothers, who have been in communication with Mr. Wells, recommend that the lighthouse be completed with a second order light and lantern, similar to that supplied for the Oyster-Reef Lighthouse, and they offer to construct the apparatus for the sum of £1,750, but the tender will not be considered until estimates of the cost of erecting the lighthouse have been received from Mr. Wells.

I have, etc.,
SALISBURY.

His Excellency the Right Honorable,
The Governor in Council, Fort St. George.

*Proceedings of the Madras Government, Public Works Department,
7th August 1874.*

From GEORGE WELLS, Esq., to the Director General of Stores, dated 12, North Street, Westminster, S. W., 15th April 1874.

Cocanada Lighthouse.

In reference to the last paragraph of your letter of the 8th instant, relative to the preliminary boring to test the nature of the ground at the proposed site of this lighthouse, I beg most respectfully to suggest that I send out a 6-inch diameter pile, 60 feet in length (made in three lengths), with three screws of the diameter of 3 feet 6 inches, 4 feet, and 4 feet 6 inches.

2. I expect a lighthouse I am erecting on the North Sands, Malacca Straits, is near completion, if not completed, so that the Superintendent on that work could proceed to Cocanada, and either send or take with him the capstan head or bars and fix the pile so as to test the nature of the ground and decide what diameter of screw ought to be used and the distance the pile should penetrate the ground.

3. I am unable to estimate the cost of testing the nature of the ground, but would only charge the Superintendent's time and expenses from Singapore to Cocanada, his salary and expenses at Cocanada, and the difference, if any, between the passage from Cocanada to England and Singapore to England. The 6-inch pile I would make so as to utilize it for the permanent structure, so that no charge will be made for this in the cost of testing the ground.

4. Winches, ropes, barges or boats, etc., etc., to be supplied free by the authorities at Cocanada, as well as all the necessary labor to fix the test pile, which would be taken up again and placed in charge of the authorities.

5. If the above suggestion meets with your approval, may I ask for your immediate confirmation, so that I can send out by Friday's Mail instructions (to Singapore) to reach my Superintendent before his departure for England, as well as to enable me to forward the pile and screws to Cocanada without delay, so as to ensure the work being executed before the north-east monsoon sets in.

From GEORGE WELLS, Esq., to the Director General of Stores, dated 12, North Street, Westminster, S. W., 20th April 1874.

Cocanada Lighthouse.

I HAVE the honor to acknowledge receipt of your letter of the 16th instant, and to inform you that I have written to my Superintendent to delay his departure from Singapore.

2. The salary per month I pay to the Superintendent is £45; and as near as I can roughly estimate I should say the expenses of the voyage from Singapore to Cocanada including carriage of capstan head and bars would not exceed £80.

3. I believe the route would be *via* Rangoon and Calcutta, and thence by P. and O. Steamer to Madras.

No. 146. *Proceedings of the Madras Government in the Marine Department,
dated 22nd June 1874, No. 220.*

No. 146A. *ORDER THEREON, 7th August 1874, No. 2,170.*

CIVIL WORKS, No. 5.

COMMUNICATED to the District Engineer, Godavery, and to the Marine Department with reference to the orders of the 5th March 1874, No. 569.

2. The District Engineer will afford Mr. Wells' representative every assistance required in the execution of his work, and will arrange for the provision of the necessary material, which should be in readiness on the arrival of that gentleman.

*Proceedings of the Madras Government, Public Works Department,
7th August 1874.*

3. The Financial Department will be requested to make provision of Rupees 2,500 to meet these preliminary expenses; and the Government of India will be addressed on the subject in continuation of letter No. 571 of 5th March.

(Here enter No. 2,171, dated 7th August 1874.)

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the District Engineer, Godavery.
" Marine Department.
" Financial "

Exd. S. T. Austin.
Spare Copies

PUBLIC WORKS DEPARTMENT,
OOTACAMUND, 7th August 1874.

No. 147.

No. 2,171.

FROM

COLONEL G. W. WALKER, R.E.,
*Secretary to the Government of Madras,
Public Works Department,*

TO

THE SECRETARY TO THE GOVERNMENT OF INDIA,
Public Works Department.

CIVIL WORKS, No. 6.

SIR,—In continuation of my letter No. 571 of 5th March, I am instructed by His Excellency the Governor in Council to forward, for the information of the Government of India, copies of a Despatch, No. 9 of 18th June 1874, and its enclosures, showing the steps already taken by the Secretary of State for India towards carrying out the preliminary borings necessary for determining the exact nature of the structure to be erected at Cocanada in supersession of the existing lighthouse on Hope Island.

2. And with reference to letter from the Under Secretary to the Government of India in the Financial Department, No. 3,349 of 30th May, I am to repeat the opinion already expressed in my letter, No. 1,175 of 23rd April 1873, as to the utter inadequacy of the Provincial assignment of this Presidency to bear any portion of the cost of such a work as a new lighthouse at Cocanada. Inasmuch, however, as the preliminary action already taken is objected to by the Government of India, provision will be made for meeting its cost. After defraying which His Excellency the Governor in Council desires me to state that the funds at his disposal will not admit of any further outlay being incurred.

I have the honor to be,

Sir,

Your most obedient servant,

Colonel, R.E.,
Secretary to Government.

Exd. S. T. Austin.
Spare Copies

*Proceedings of the Madras Government, Marine Department,
22nd June 1874.*

No. 44. Read the following letter from D. BARBOUR, Esq., Under Secretary to the Government of India, Financial Department, to the Honourable D. F. CARMICHAEL, Acting Chief Secretary to Government, Fort St. George, dated Fort William, 30th May 1874, No. 3349:—

I am directed to acknowledge the receipt of your letter to the address of the Secretary to the Government of India, Public Works Department, No. 571, dated the 5th March 1874, requesting the sanction of the Government of India for the construction of a screw pile light-house for the Port of Cocanada at a probable cost of £16,500, to be met from Imperial Funds.

2. In reply, I am desired to point out that the Government of India did not undertake to defray the whole cost of the Cocanada Light-house from Imperial Funds. What was promised was a contribution from Imperial Revenues in the way of assistance, with the proviso that the grant would be contingent on funds being available. Funds not being available, a grant cannot be made for 1874-75, though possibly, if application is made in December next, the Government of India may then be able to say whether or not an addition to the Provincial Services may be made in the current year, or promised for the year following, to the extent of half the cost, not exceeding Rupees 82,500.

3. I am, however, to add that as the construction of the light-house depended mainly on the assistance to be obtained from Imperial Funds, His Excellency in Council is of opinion that the local Government should not have asked the Secretary of State to incur expense without consulting the Government of India, unless the local Government was prepared to defray the whole cost from Provincial resources, which, as already explained in my letter, No. 2394, dated the 14th April 1874, regarding the cost of the lanterns for the new light-houses at Cape Comorin and Muttum Point, do not appear to the Government of India to be on the whole insufficient to meet such expenditure.

Copy forwarded to the Department of Revenue, Agriculture, and Commerce, and original papers returned, copies being kept.

No. 45. ORDER THEREON, 22nd June 1874, No. 220.
Copy furnished to the Public Works Department.
(True Extract.)

W. A. Campbell
Under Secretary
Acting Chief Secretary.

To the Public Works Department.

Exd. J. H. Burns.

1046

Copy to Capt. Duff

C.O. No. 2170.7-8.74

1 July 74

C/O 4010

S.M. 1874. 4. 10. 1874
C/O 4010

Copy

Sept 12/75

12 North Street

Westminster April 15th 1874

SW

To the Director General of Stores

Sir,

Cocanada Lighthouse

In reference to the last paragraph of your letter of the 8th instant relative to the preliminary boring to test the nature of the ground at the proposed site of this Lighthouse I beg most respectfully to suggest that I send out a 6 inch diameter pile 60 feet in length (made in 3 lengths) with 3 screws of the diameter of 3.6 - 4.0 and 4.6.

I expect a lighthouse I am erecting on the North Island Malacca Straits is near completion, if not completed, so that the Superintendent on that work could proceed to Cocanada and either send or take with him the Capstan Head or Bars and fix the pile so as to test the nature of the ground and decide what diameter of screw ought to be used and the distance the pile should penetrate the ground.

I am unable to estimate the cost of testing the nature of the ground but would only charge the Superintendent's time and expenses from Singapore to Cocanada his salary and expenses at Cocanada and the difference if any between the passage from Cocanada to England and Singapore to England. The 6 inch pile I would make so as to utilize it for the permanent structure, so that no charge will be made for this in the cost of testing the ground.

Winches, Ropes Pulleys or Boats &c &c to be supplied free by the Authorities at Cocanada as well as

all

all the necessary labour to fix the test pile which would
be taken up again and placed in charge of the Authorities.

If the above suggestion meets with your
approval may I ask for your immediate confirmation
so that I can send out by Friday's Mail instructions
(to Singapore) to reach my Superintendent before his
departure for England, as well as to enable me to
forward the Pile and screws to Cocanada without delay
so as to ensure the work being executed before the
North-East Monsoon sets in.

I have the honor to be,

Sir,

Your most obedient servant
(Sd) George Wells

India Office
Westminster

Copy

12 North Street,
Westminster SW
April 20th 1871

To The Director General of Sines.

Sir,

Cocanada Lighthouse

I have the honor to acknowledge receipt of
your letter of the 16th inst. and to inform you that I
have written to my Superintendent to delay his
departure from Singapore.

The salary per month I pay to the Superintendent
is £45. and as near as I can roughly estimate I
should say the expenses of the voyage from Singapore to
Cocanada including carriage of Captain Head and Pass
would not exceed £80.

I believe the route would be via Rangoon &
Calcutta and thence by P & O Steamer to Madras.

I have the honor to be,

Sir,

Your most obedient servant
(Sd) George Wells

India Office
Westminster
SW

No. 3.

Copies of two letters from
Mr. Wells.

Referred to in Public Works Letter
Madras, No. 9, dated 18th June 1874.

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Public Works.

No. 9.

India Office, London.
18th June, 1874.

My Lord,

I have received your
letter, No. 11, dated 6th March
1874, forwarding copy of a
report by Colonel Fraser, P.E.
together with previous correspondence
on the subject of the lighting
of the approach to the Port of
Cocanada, and requesting that
Mr. G. Wells and Messrs. Chance,
Brothers

His Excellency,

The Right Honorable,

The Governor in Council,

Fort St. George.

Brothers, may be respectively
called upon to furnish the
necessary estimates for the
proposed Lighthouse, and for
the Lighting Apparatus complete.

2. I enclose for your information
a copy of a letter received
from Mr. Wells suggesting that
he be allowed in order to
carry out the preliminary Borings
to test the nature of the ground
at the proposed site of the
Lighthouse, to send out a
six inch diameter pile, 60 feet

in

in length, made in three lengths
with three screws.

3. Mr. Wells also suggests
that a gentleman in his employ,
at present superintending the
erection of a Lighthouse on the
North Sand, Malacca Straits,
should be allowed to proceed
to Canada, and either send
or take with him the Captain
Head or Bars and fix the
Pole so as to test the nature
of the ground, and decide
what diameter of screw
ought to be used, and the
distance.

distance the pile should penetrate the ground.

4. These proposals I have approved, and I have also sanctioned the terms of remuneration for the service Mr. Wells proposes, viz: the payment of the salary of the person he has selected for the service amounting to £45 per mensem, his expenses while travelling from Singapore to Locanada; and during stay at the latter port, also the difference, if any, between the passage from Locanada to England and

17 3
and Singapore to England.

5. Mr. Wells also stipulates that all Triches, Poles, Barges, &c, are to be supplied free by your Government; as well as all necessary labour for fixing and removing the test Pile, which he proposes to take up again and place in charge of the Local authorities at Locanada.

6. I request, therefore, that instructions may be issued for the provision of necessary material and assistance which may be required

required by Mr. Wells' representative.

7. Messrs Chance Brothers, who have been in communication with Mr. Wells recommend that the Lighthouse be completed with a 2nd Order Light and Lantern similar to that supplied for the Oyster Reef Lighthouse, and they offer to construct the Apparatus for the sum of £1750, but the tender will not be considered until ——— estimates of the cost of erecting

19
erecting the Lighthouse have been received from Mr. Wells.

I have the honour to be,
My Lord,
Your Lordship's most obedient
humble servant,
Salisbury

P. W. 1874 Sept.
P. W. 1874 Sept.

Public Works
The ^{dated} 18th June 1874.
^{Recd} 1st August
Letter to Port St George
No. 9.

E. F.

Cell. No: 2170. 7-8-74.

Acknowledging
the receipt of papers
on the subject of lighting
the approach to the
Port of Coaranda &
stating the arrangements
made with Mr. S. Wells
& Messrs. Leane Brothers
for the execution of the
work & forwarding copy
of letters on the matter -

No 145

P. W. D.

Proceedings of the Madras Government
Read the following

From the Secy. of State } (P. E. L. 9 7 18 June 74)
for India }

Marine Dept (" 220 d/22 do)

21.7.74

communicated to
the D. Engineer of the
Marine Dept.

with reference to the orders
of the 5. March 1874 No. 569

The D. Engineer will
afford Mr. M. the necessary

facilities every way as

required in the

execution of his work, and

will arrange for the provision

M. 23/7

of the necessary material
which should be in readi-
ness on the arrival of
that gentleman.

The Financial
Dept. will be
requested to
make provision
of Rs. 2500 to
meet these
preliminary
expenses. And
the Govt of In-
dia will be
addressed on
the subject.
~~in continuation~~
~~of their letter~~
No. 57 of 20th
March.
— ENCL —
16.7.74

To the S. E. Sadavary ✓
" Marine Dept ✓
" Financial ✓
S. Copies despatched 11/8/74

Recd 30/7/74
Sd 21/7/74

Public Works Department
in 21.7.74 and in
provision of Rs.
of Rs. 2500
to the Govt of India, P.W.D.

Sir, In continuation
of my letter No. 57 of
5th March, I am in-
structed by His Ex-
cellency the Governor
in Council to forward
for the information
of the Govt. of India
copies of a despatch
No. 9 of 18th June 1874
and its inclosures
showing the steps
already

MD
2/7

already taken by the
Secretary of State for
India towards carrying
out the preliminary
workings necessary for
determining the exact
nature of the structure
to be erected at Hocanada
in supersession of the
existing light house
on Hope Island.

2. And with reference
to letter from the Under
Secy to the Government
of India in the Provin-
cial Department No. 3349
of 30th May, I am to repeat
the opinion already
expressed in my letter
No. 1175 of 23rd April 1873

as to the utter inadequacy
of the Provincial assign-
ment of this Presidency
to bear any portion of
the cost of such a
work as a new light house
at Hocanada. &c. &c.
Inasmuch however
as the preliminary action
already taken &c. &c.
is objected to by the Govt.
of India, pro-
vision will be made
for meeting its cost.
After defraying which
His Excellency the
Governor in Council
desires me to state
that the funds at his
disposal

75
I do not know (copy, without)

disposal will not
admit of any further
outlay being incurred.

[Faint, mostly illegible handwritten text]

64 Copies of Previous
proceedings des^d 11/8/74.

64 30/5/74

[Faint handwritten text]

[Faint handwritten text at top of right page]

[Faint handwritten text in middle of right page]

The Secy. to the Govt.
of India B.H.D.

In continuation
of my letter des^d 5/1 of
5th March, I am in-
structed by His
Excellency the Governor
in Council to forward
for the information
of the Govt. of India
copies of a Despatch
des^d 9 of 18th June 1874

and

4010 V
D-9V
Govt. of 1874 Madras
PUBLIC WORKS.

Forwarding copies of
a despatch N^o 9 of
18 June 74 regarding
the steps already taken
by the Secy of State
for India towards
carrying out the pre-
liminary works ne-
cessary for determining
the exact nature of
the structure to be
erected at Cocanada
in repossessing the
existing Light House
on Hope Island &
reporting the magnitude
of the Provincial assist-
ment to meet the
cost of the work beyond
the ordinary or preliminary
action -

The Secy. of State
Secy. of State
1874

Dated

Recd.

G. O. 7 Aug 1874, No.

2170
2171

No. 145-147.

Cocanada Light House

Despatch from the Secy
of State intimating the ar-
rangements made with Mr
S Wells & Messrs Chance
Brothers for lighting the
approach to the Port of
Cocanada, Comd to the Secy
Godavery & to the Marine
Dept - & Financial Dept
requested to make provision
of Rs. 2500 to meet preliminary
expenses -