

C.N. 3797
Govt. of (1894) Madras.
PUBLIC WORKS.

Dated

Recd.

Encl.

G.O. 14th June 1894 No. 14714

Lighthouse.

≡

Estimate of Rs. 2740 for
repairs and alterations
to the - and the Super-
intendents' and Light-
keepers' quarters at
Arneghon in the Nellore
Dt. sanctioned with
remarks.

100/6

INDEXED

Repairs and alterations
in connection with the
Armagh Light House

To
The Honorable the Chief Secy.
for favor of counter - in - als.

28 5 5
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28 6 6
28 6 6

5
11

to be safe. It is thought that the ends of these rafters may be supported on wall purlins carried on stone or wooden corbels let into the wall as per sketch shown in G.O. No. 3120 W dated 19th November 1891.

The estimate does not appear to be in order for it contains items under 'repairs' & original works & must be divided thus:-

Under 'repairs' The estimate for the light house column & rooms attached which appears to be purely a repair work. The amount with contingencies will be Rs 180.

Under 'original works' the balance of the estimate for light guardhouse etc. viz Rs 2500 was passed Chap. IV of the P. Works.

The estimate has been countersigned by the Presidency Port Officer & approved in the Marine Dept.

[Signature]
31.5.94.

CN^o 3797
P.L.S. J.V.
put up C.S.H.E.
8/6

No. 1471 W. d/ 14th June 1894

[Handwritten notes]
31.5.94

No. 1471 W. d/ 14th June 1894.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

[Handwritten] B.R. L. W. 1
Read the following

From the Presidency Port Officer, Madras, No. 1699 & d/ 9th May 1894
Remittance in the Marine Department, No. 1002 d/ 19th May 1894.
Note by the Chief Eng: P.W.D. d/ 6 June 94

W
9 June

The estimate amounting to Rs. 2,740, for repairs and alterations to the Light House and the superintendents and lightkeepers quarters at Arumeghow in the Kallakurichi District, is sanctioned.

2. The question of providing funds for the work as shown below will be considered in the Financial Department:-

Works	Rs. 2,740
Establishment	" 630
Tools and Plant	" 41
Total	Rs. 3,411

3. This sanction has been registered as excluded Local No. 5 W of 1894-95, and classified as Miscellaneous Public Improvements, Original Works.

To The S. E. II Circle with 4 enclos
" Rescanned P. W. Accounts
" Marine Department
" Financial Department 1/27/6

[Handwritten notes]
8/6/94
C.M.M.

Sand during the N.E. monsoon.
This verandah is to be enclosed at
its ends in order to provide a
store & bath room each 16' x 7' 4 1/2".

Two cross walls are proposed to
be built in the side verandah
rooms to secure the main bed
room from being exposed to the
position of doors & windows al-
tered as per plan submitted.

The roofs of the side rooms,
verandahs & porch are to be dis-
mantled & replaced with new
teak rafters, 1/2 new teak rafters,
1/8 new flat & pan tiles, owing to
the existing palm-leaf rafters
having decayed & sagged. The
open gable face of porch is to
be covered with teak planks
1" thick.

Cook house: a new verandah 5
feet wide is to be built in front
of the kitchen and the roof dis-
mantled & replaced with new
teak rafters &c.

Linen hut: The existing floors
are stated to be very damp,
provision has been made for
raising the floors 9 inches with
brick jelly concrete & the surface
plastered with cow dung & white
washed.

The following rates are in ex-
cess of the Divisional Schedule
but in the report attached to the

cross wall S (in blue pencil)
is bad, for the wall will
take up part of the entrance -
It might with advantage be
shifted to the position shown in the
pencil labeled lines.

6. The ends of the rafters are
let into the walls instead of
being fixed to posts.

8. Repairs and original works
are mixed together. It would
be more in order to separate
them.

CM

4.6.94

points

Note these

sanitation can be

join - 8

46 147/4

Estimated, it is stated that the
rates have been fixed accord-
ing to the necessities of the lo-
cality which is very remote
from any town where skilled
labor can be obtained.

Whitewashing — 2.3.6 against 1.3.0
Plastering with chunam 5.0.0 — do — 2.8.0
Brick in chunam 13.0.0 — do — 18.0.0
if schedule rates be adopted
the saving will be Rs 150.

The nature of soil has not
been mentioned.

It will be observed that the
partition walls in the side ver-
andah rooms, marked K & S in
blue, are proposed to be built
over the existing floor without
any foundation, this appears
to be objectionable.

The proposal to place cross
wall S (marked in blue) to
about the haunch of the side
entrance arch does not appear
to be suitable. It is submitted
that this wall may be built
similar to cross wall K by
removing the existing door a
little further, as shown in
pencil.

The antiquated system of
inserting verandah rafters
into walls does not

Current No. 3197

Letter No. 1002

Dated 19 May 1894

From the Marine Dept.

NOTE BY TECHNICAL SECTION.

Name of work.

Repairs & improvements
to the Light house buildings at Armagh,
Nelson District

Amount of Estimate Rs 2740

The plan & estimate under review is stated to have been prepared with reference to a call from the Presidency Port officer & provides for the following repairs & improvements to the Light house buildings at Armagh in the Nelson District:

Light house — Repairs to plastering the column with chunam in patches when required, whitewashing the column & rooms attached, painting doors & windows with 2 coats of lead color & putty repairs to novel & steps.

Suppl. Quarters — a new veranda 7' 4" wide has been proposed in rear of the building, so as to secure the exposed face of the building from rain & drifting

W.

The following are the chief defects:-

1. Absence of foundations for the new partition walls marked K & S in blue pencil.
2. Broken masonry foundations (instead of concrete) for the new longitudinal wall to be added to the Superintendent's Quarters & for the new veranda for the cook house - vide sections BB and DD respectively.

It would be well to substitute to round level concrete 3' 6" broad in the former & 2' 3" in the latter case.

3. Nature of soil not stated. Consequently depth of foundations shown can not be approved as correct.

4. The steps, vide sections BB and DD, having in the former case no, and in the latter only 6" foundations and being bolted in with the adjacent masonry will crack during settlement of the latter.

5. The proposed position of

to ground level 3'6"
broad in the former,
and 2'3" in the latter,
case.

3. The nature of the
soil is not stated -
consequently the depths
of foundations shown
cannot be approved
as correct.

4. The steps, *vide* sections
BB and DD, having in
the former case no,
and in the latter
case only 6" foundations,
and being bonded
in with the adjacent
masonry, will crack
during settlement
of the latter.

5. The proposed
position of cross wall
S (in blue pencil)
is bad, for the wall

will take up part of
the entrance. It might
with advantage be
shifted to the position
shown in the pencil
hatched lines.

6. The ends of the
rafters are let into the
walls instead of being
fixed to ~~the~~ ^{curbs} wall
purlins.

7. Repairs and original
works are mixed together.
It would be more in
order to separate them.

S

6/6 E.W.

Ootacamund,
June 1894.

C.W.S.
5.6.94

S.P.

no 3120 w of 19.11.71

P. W. CURRENT No. 3797
Marine (1894) DEPARTMENT.

From
THE PRESIDENCY PORT OFFICER,
Madras,
To
THE CHIEF SECY. TO GOVERNMENT,
MARINE DEPARTMENT,
Fort St. George.

No. 1699
172 4

Dated 9th May 1894.
Received 10th May 1894.
Regd 11th May 1894.
Sms 4 (Man)
Reddy 19. V. G. P.
Oregos: 22. 5. 94

Subject.

Forwards for sanction
and allotment of funds
estimate for Rs 2740/- for
repairs to the Lighthouse
and to the Superintendent's
and Lightkeepers' quarters
at Arneghew.

Transferred

Encl. n^o 1002 18 May

H.E. the Governor

approved and trans-
ferred to the Public
Works Department.

Attention
for Chief Secy

28/3
12/4
Ostacammund
19th May '94

For examination

0/16

13/6

C17/5
R17/5

Note by the Chief
Engineer P.W. Dept.

The following
remarks and suggestions
are brought to the
Supt. Engineer's notice.

1. No foundations are
provided for the new
partition walls marked
K & S in blue pencil
on the plan.
2. For the new longi-
tudinal wall to be
added to the Superin-
tendents' quarters and
for the new veranda
for the cook house
stepped masonry
foundations have
been allowed in
the plan submitted.
It would be well
to substitute concrete

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1894} Madras.
PUBLIC WORKS.

Dated June, 14th.

Recd.

Encl.

G.O., 14th June 1894, No. 1471 W.

JUNE.

Lighthouse

Estimate of Rs. 2,740 for repairs and alterations to the — and the Superintendent's and light-keepers' quarters at Arneghon in the Nellore district, sanctioned with remarks.

Heading.

No. 1699-9
172 9

PRESIDENCY PORT OFFICE,

Madras, 9 May 1894.

From Commander W. J. Powell, R. I. M.,
PRESIDENCY PORT OFFICER,

MADRAS,

To

THE CHIEF SECRETARY TO GOVERNMENT,

MARINE DEPARTMENT,

FORT ST. GEORGE.

SIR,

I have the honor to forward
(duly countersigned) for sanction
and allotment of funds the accom-
panying Estimate of Rupees (2,740)
Two thousand seven hundred and
forty, for repairs to the Lighthouse
and to the Superintendents' and
Lightkeepers' quarters at Arneghon.
The plan and Report received with
the Estimate are enclosed.

I have the honor to be,

Sir,

Your Most Obedient Servant,

Walter Powell

Commander R. I. M.
Presidency Port Officer.

ORDER—dated 14th June 1894, No. 1471 W., Public Works.

The estimate, amounting to Rs. 2,740, for repairs and alterations to the Light-house and the Superintendent's and light-keepers' quarters at Armeghon in the Nellore district, is sanctioned.

2. The question of providing funds for the work as shown below will be considered in the Financial Department:—

Works	...	...	...	...	...	...	...	...	Rs.
Establishment	...	...	...	...	...	...	...	...	2,740
Tools and plant	...	...	...	...	...	...	...	...	630
									41
Total									3,411

3. This sanction has been registered as Excluded Local No. 5 W. of 1894-95 and classified as Miscellaneous Public Improvements, Original Works.

(True Extract.)

Under Secy. to Govt., P.W.D.

To the Superintending Engineer, II Circle,
with four enclosures.
" Examiner, Public Works Accounts.
" Marine Department.
" Financial Department.

14TH JUNE 1894, No. 1471 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From Commander W. J. POWELL, R.I.M., Presidency Port Officer, Madras,
to the Chief Secretary to Government, dated Madras, 9th May 1894,
No. 1699/172 G.

I have the honour to forward (duly countersigned), for sanction and allotment of
funds, the accompanying estimate * of
Rs. 2,740 for repairs to the Lighthouse
and to the Superintendent's and light-

* Sent per packet post.

keepers' quarters at Armeghon. The plan and report received with the estimate are
enclosed.

No. 1002, Marine.

Approved, and transferred to the Public Works Department.

Ootacamund,
19th May 1894.

(Signed) J. F. PRICE,
Chief Secretary.

Note by the Chief Engineer, Public Works Department.

The following remarks and suggestions are brought to the Superintending
Engineer's notice :—

(1) No foundations are provided for the new partition walls marked K and S
in blue pencil on the plan.

(2) For the new longitudinal wall to be added to the Superintendent's quarters
and for the new verandah for the cook-house stepped masonry foundations have been
allowed in the plan submitted. It would be well to substitute concrete to ground
level 3 feet 6 inches broad in the former, and 2 feet 3 inches in the latter, case.

(3) The nature of the soil is not stated; consequently the depth of foundations
shown cannot be approved as correct.

(4) The steps—*vide* sections BB and DD—having in the former case no, and
in the latter case only 6 inches, foundations and being bonded in with the adjacent
masonry will crack during settlement of the latter.

(5) The proposed position of cross wall S (in blue pencil) is bad, for the wall
will take up part of the entrance. It might with advantage be shifted to the position
shown in the pencil hatched lines.

(6) The ends of the rafters are let into the walls instead of being fixed to
wall purlins.

(7) Repairs and original works are mixed together. It would be more in order
to separate them.

Ootacamund,
6th June 1894.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Chief Engineer, P.W.D.