

(1) Number of pages 50
(2) Date of repair 13-1-87
(3) Initials of the Referencer comp

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W. DEPARTMENT

G.O. No.	426-W	Press.
B.P. No.		Mis.
Dated	17-2-1987	-197-

if folded or roughly handled

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

17th February 1881, No. 426 W.

Buildings and Roads.
Military Works.

Read the following papers:—

- No. 65. Endorsement by the Military Dept., dated 22nd June 1880, No. 3,905.
- No. 65-A. From the Supt. of Works, Presidency, 10th September 1880, No. 2,237.
- No. 65-B. Endorsement from the Military Dept., dated 9th October 1880, No. 6,337.
- No. 65-C. From the Supt. of Works, Presidency, 11th December 1880, No. 3,330.
- No. 65-D. From the Supt. of Works, Presidency, 5th February 1881, No. 4,013.

No. 66. ORDER THEREON, 17th February 1881, No. 426 W.

THE estimate, amounting to Rs. 580, for constructing a platform for a second gun on the Lighthouse Battery, Madras, is sanctioned.

2. A sum of Rs. (413) four hundred and thirteen available under Reserve, Military Original Works, will be appropriated for the work at once and the balance will be allotted during the next official year.

3. This sanction has been registered as Imperial No. 39 B of 1880-81 and classified as Military Original Works.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Superintendent of Works, Presidency, with three Enclosures.
" Examiner of Public Works Accounts, with Estimate.
" Military Department.

Exd. A. F. Goodall.

Spare Copies

Gobt. of 1881 Madras.
PUBLIC WORKS.

To
The SUPERINTENDENT OF WORKS,
PRESIDENCY,
do. do. do.

Dated February, 27th.

مجلس

Find

Index

G. C., 17th February 1891, No. 426 W.

FEBRUARY.

Nos. 65-66.

Lighthouse Battery, Madras.—Estimate of Rs. 580 for constructing a platform for a second gun on the —, sanctioned.

Chas. C. C. C. C.

W. Jones 1880

No. 374

Abstract

BRIGADIER-GENERAL H. O'CONNELL,

Quartier-maître Général,

10

Colonel J. A. Richard, B. S. V.
Secretary to Government
Military Department.

With reference to Qz Public Works Department
London 19th Sept. 1878 No 3317. W. Artillery Department
 No 4552 dated 4th September 1878. I have the honor, by
 order, to state that His Excellency the Commander in Chief
 recommends that the second concrete platform on the
 Light House Battery and the traverses &c may be completed
 in order that a second gun may be mounted on the Battery
 handed over to Artillery Charge.

2. The gun now in the Atapur Battery would be then moved to the Light Horse Battery and then the eleven guns at the former could be with drawn.

The Light House Bidding being near to the
handover it is desirable that it should be the first to be
completed and of course.

I have the honor to be,
Sir,

Yours obedient servant,

757 Serial Originals

Quarta e Quinta General

M. D.

FOR ORDERS.

Letter No. 3776.

10/16/80

From The Quartermaster General.
No. 374 dated 7 June 1880.

It is His Excellency
the Commander in
Chief recommends the
completion of the second
concrete platform on the
Light House Battery at
Madras, in order that
a second gun may be
mounted, and the Bat-
tery handed over to the
Artillery.

P. W. D. P. 10/16/80

10/16/80

10/16/80

No. 2237

Madras.

Chepauk, 10th Sept. 1880.

From

THE SUPERINTENDENT OF WORKS,
PRESIDENCY.

To

The Chief Engineer,
P. W. Deptt.

Sir,

Enclosures.

1. Plan.
1. Estimate.
1. Report.
1. Specification.
1. Letter from Dr. Ho.

In returning the enclosures of your Memorandum N^o 195 of 25th June 1880, I have the honor to forward a report, Plan and Estimate of Rs. 475 for constructing a concrete platform for a second Gun on the Light House Battery.

2. A requisition has also been received from the Brigadier General, commanding the Centre District for an Estimate for constructing platforms (similar to those on the Light House and Napier Batteries) on Chie's Battery for mounting 2 9^{lb} Guns, and I beg to suggest that

that the opinion of a Committee or one
of the Ordnance Officers should be ob-
tained, whether the Estimate now sub-
mitted, provides duly for all that is
necessary.

I have the honor to be
Sir,

Your most obedient servant

Wm. B. de la Beche Esq. M.P.
Surgeon

For Suplt of Works
Per G. J.

Wm. B. de la Beche
Esq. M.P.
Surgeon

426

G.O. - 9-8-78. No 3, 157. W.
 G.O. - 19-1-78. No 3317 W.
 G.O. - 24-8-78. No 3387 W.
 G.O. - 26-5-78. No 3749 W.

Love,

The Supt of Works,
Presidency.

N^o 22.37

dated 10th Sept. 1880.
Recd 11th Sept. 1880.

Eucl. 4.
+ 12.

enclos: pte - vide Memo:
N° 585 4/20-10-80.

Light House Battery. —

Forwards report, plan
estimate of Rs 475 for
constructing a concrete
platform for a second
gun on the —

So. 444

Letter from the Lieutenant of
Harris Freideney 1223rd 11th Sept 18

Referred to the Military
Department for Consideration.

W. H. Barker Col. QW
Selling to Capt. Gray

W. Raymond
16th April 80

The Chile Line Dept.
With papers —

0713.13.7.80

Ordnance Department.

ORDNANCE OFFICE:

Fort Saint George,

23rd September, 1890.

No. G
243

From

Major General R. CADELL, C. B.,

Inspector General of Ordnance.

To

The Secretary to Government,

Military Department.

Ootacamund.

Sir,
I have the honor to return the enclosures as per margin forwarded to me for report under your despatch No. 5909 dated 17th Instant, and to state for the information of His Grace the Governor in Council that I think it very advisable that a second gun should be mounted in the Light House Battery, and that the Traverses &c thereof should be completed. I do not perceive that any notice has been taken of His Excellency's recommendation with regard to them in the papers of the Engineer's Department.

* Letter No. 374 dated 7th June 1880 from Quarter Master General to Secretary to Government Military Department.

Letter No. 2237 dated 10th September 1880 from Superintendent of Works Presidency to Chief Engineer Public Works Department, with plan, estimate, report and specification.

Memo No. 5909 from Secretary to Government Military Department to Inspector General of Ordnance.

2. No Artillery Officer present is, as far as I am aware, qualified to give a professional opinion as to the suitability

1890

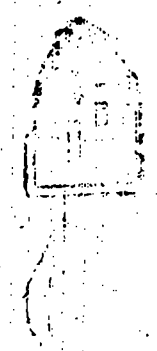
1890

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1890

suitability, composition, &c. of concrete &c. required for the ground platforms of the 9 inch guns. These are matters usually settled solely by Engineers. Without reference to standard plans which have been made after trials and long experience at Home and elsewhere, I could not give an opinion of any value with regard to such Engineer matters, but I have no reason to suppose that the quantity and strength of the materials used in the construction of the ground platforms already finished on the Napier and Light House Batteries are inefficient.

3. The only question now for decision appears to me to be, whether the new ground platform proposed to be constructed in the Light House Battery should be prepared to receive wrought iron traversing gun platforms, or the long wooden traversing platforms received from Bombay. If the Carriages for the former are to come soon of course the ground platform should be prepared for the wrought iron traversing platform, but if their arrival is to be indefinitely postponed it would be well to construct the proposed ground platform for the Bombay wooden traversing platform, so that platform in its altered state as it now is, is safe and efficient though undoubtedly clumsy.

An

4. In Royal Carriage Department Photo lithograph No 132, received officially from Home, the height of the parapet for the 9 inch gun above the level of the ground platform is 4' 3" which is the height stated to have been ascertained, by the Engineer Department after consultation with the Superintendent of the Gun Carriage Factory at Madras. It is however, recorded in the same report that the same Officer stated that the muzzle of the 9 inch gun should project not less than eight inches beyond the parapet. By this expression, I presume is meant the inner edge of the parapet, and in the Photo lithograph above referred to, there is a projection of the muzzle of the gun beyond the inner edge of the parapet of about one foot nine inches. Unless the Engineer Department has some standard plan to refer to, I think this projection should be adhered to.

5. The two ground platforms already made were constructed so as to allow the working of the long wooden gun traversing platforms received in 1878 from Bombay, and if the new ground platforms are to be

be prepared not for this, but for the shorter wrought
iron traversing platforms for 9 inch guns, three of which
have been received, it would appear advisable that the
breadth of the ground platform should be reduced
so as to allow the muzzle of the gun to project over the
parapet as far as its lateral range is intended to be used.
I have no information as to when the remaining three
wrought iron traversing platforms and the carriages
to be placed upon them will probably arrive. It will
be impossible of course to work the long wooden gun
traversing platform on the narrow ground platform
adapted for the wrought iron traversing platform.

The Engineer report state that it is necessary
to raise the floor of the new ground platform nine inches
higher than was originally intended, and to raise the front
of the parapet by the same height. This appears to be
caused not by any change with regard to the gun travers-
ing platforms and height of carriages, but in consequence
of the walls of the shell rooms and magazine having been
originally built nine inches too high. This is a matter
almost entirely for Engineer consideration, and in an
Artillery point of view an additional height given
to the floor of the ground platform is an advantage.

As

As soon however as the wrought iron carriages
arrive from Home I presume it is intended to
mount the 9 inch guns in the Light House Battery
and now on a wooden carriage on one of them. If so
the already finished ground platform of the Light
House Battery will probably have to be modified
similarly to the manner in which it is proposed
to modify the one proposed to being constructed.

They further state that "Unserviceable"
cast iron guns for pivots can be provided by the
Ordnance Department, and that the races are
not of cast, but of wrought iron. They can be
fitted by the Artificers of the Gun Carriage
Factory.

I have the honor to be,
Sir,

Your most obedient servant,

Richard Major Genl. R.A.,
Inspector General of Ordnance.

Military [1880] Department.

No.

From

The Inspector General of Ordnance
Fort Saint George.

To

The Secretary to Government,
Military Department,
Ootacamund.

DATED

23rd

RECEIVED

18th September 1880.

No. G
243

Being opinion as to the
mounting of guns and
on the Light Horse Battery
and that the trunnions for
them should be completed

Orders
Papers

QUARTERMASTER-GENERAL'S OFFICE,

M. D. Ootacamund

30th September 1880.

No. 1242

From

BRIGADIER-GENERAL H. O'CONNELL,
Quartermaster-General,

To

Colonel J. Michael P. L. V.
Secretary to Government
Military Department.

Sir,

In forwarding the enclosed letter No. 243 dated
23rd instant from the Inspector General of Ordnance, I have
the honor, by order, of the Commander in Chief, to observe as
follows.

Para 1. Trunnions should be provided for in the Colonel

Para 2. His Excellency concurs with the Inspector General
of Ordnance that the composition and suitability of the concrete
to be used in making the ground platforms are matters which
should be decided by the Public Works Department.

Para 3. With regard to the description of traversing gun plat-
form, His Excellency considers it should depend on what steps
have been taken to provide carriages for the three wrought iron
traversing platforms that have been received and for the supply
of the further platforms of this description and their carriages that
are required, and when they may be expected to arrive. If there is
probability of any serious delay in their being provided, advantage
might be taken of the existing wooden traversing platform for
the Light Horse Battery. It will be in keeping with the one
already provided for that Battery, will last for years, and will

61
12

be efficient though somewhat clumsy. In the plan and the
superiorities, we might wait till the new brought in
moving platforms, with carriages complete are available.
Doubt. In a battle Gambelin considers that the
more the muzzle of the gun projects beyond the retaining wall
or parapet, the less will be the shot and consequent chance
of injury to the masonry. The plan appears to show the pro-
jection of the muzzle of the gun as eight inches beyond the
outer edge of the parapet when the gun is pointed directly
to the front.

I am, Sir,
Very obedient servant,
J. T. General Bingham
Director of the Ordnance

No.

Government of Madras.

MILITARY DEPARTMENT.

Dated, the

9th October 1880.

From the Insp:
Genl: of ordnance, etc
243, dated 23 Sep. 80.

From the Quarter
Mstr: Genl: No: 1242,
dated 30th idem.

Transferred to
the Public Works Dept,
and the referred papers
returned.

The military
Dept has no inform-
ation as to when car-
riages may be expected
from England for the
wrought iron traversing
platforms already receiv-
ed.

By order,
Colonel
Secretary to Govt

243/1 1880 Department

BT

Off: Quarter Master General

Off: Secretary to Government
Military Department

243/1 1880
Rise. P. 1880

243/1 1880

Transferred, with acknowledgment
of the Quarter Master General
of the Ordnance, to the
Public Works Dept, and the
referred papers returned.

G.O. 3187 W. of 9/8/78.

- 3317 W. - - 17/8/78

- 3587 W. - - 24/8/78.

- 3749 W. - - 24/9/78.

Memo at 244 of 11/10/78.

O.L. Shul 17 Oct.

P.W.D.

11/15

From the Military Dept
of 9th Oct. N^o 6387.

The letters from the
Inspr. General of Ordnance
and the Quarter Master
Genl, transferred with
the above endorsement,
are forwarded to the
Supt. of Works, Presidency,
with reference to his letter
of the 10th Sept. N^o 2237,
for information and con-
guidance.

2. The Military Dept
have as yet no inform-
ation as to when carriages
may be expected from
England for the wrought

3. Plans and estimate should be prepared accordingly -

[Handwritten signatures]

13/60

13/10/90

S. W. Pendray with 2 enclos:

MAHARAS,
Chepauk, 11th Decr. 1830.

THE SUPERINTENDENT OF WORKS,
PRESIDENCY,

THE Chief Engineer
S.P.Dr.

SIR,

Enclosures.

1. Plan.
1. Estimate.
1. Specification.
1. Report.
3. original letters.

In returning the enclosures of
your Memorandum N^o. 544 d^y. 15th
October 1880, I have the honor to
forward a report and revised
plan and estimate of Rs. 580 for
constructing a platform for a 2nd.
Gun in the Light House Battery.

I have the honor to be
Sir,

Your most obedient servant
 Geo. W. Peckham
 Secy. of Works
 Treas.

Sept.

Memo 114-12-18-1900
 Memo 514-12-18-1900
 G. S. 2874-12-18-1900
 - 3217-12-18-1900
 - 3287-12-18-1900
 - 3749-12-18-1900

From

The Supdt of Works,
 Presidency

Ck. No 2879 of 17-6-00.

Rs 3350.

dated 11th Decr 00.
 Recd

Encls. 7.

Light House Battery.

Forwards revised
 Estimate of Rs 550 for
 constructing a platform
 for a 2nd gun in the-

Sd/-
 Sd/-

C. No. 785-

Note by Budget Section.

10/11

Work Constructing a
 Gun Platform on
 Madras Light House
 Battery-

Remarks and References.

Fund Imperial-Military-
 Class original Works.

Amount of estimate Rs. 580
 Expenditure in previous year " "
 Allotment in current year " "
 Balance required to complete " 580

Total Rs. 580

Note of available funds.

There are no funds under "Military"
 at present at the disposal of
 Govt.

Sd/-
 Budget Superintendent.
 15/12/00

Handwritten notes at the top of the page, possibly a title or header.

Note by Budget Section.

P. W. SECRETARIAT-1879-80.

KEEP WITH.

Current No. 7858

Letter No. 3380

Dated the 11th December 1880.

from the *Supdt. of Works.*
Presidency

Note of Memo. No.

*The Plan of Estimate
with report & specification
for constructing a platform
for a second gun on the
Eight house Battery -
Amounts to Rs 580.*

*The Estimate provides
for wooden traversing plat-
form.*

*The Works Bureau has
agreed with the Disb. Schedule.*

*The Plan of Estimate has
not been counter signed by
any Military Authority.*

15th December 1880.

[Signature]

C.L. No. 2879 of 17th Decr 80.
P. W. SECRETARIAT-1879-80.

KEEP-WITH.

Current No. 7858.

Letter No. 3380.

Dated the 11th Decr 1880.

from the Supdt of Works
Presidency

Memo.

The Plan & Estimate
for constructing a platform
for a second gun on the
Light House Battery -
amounting to Rs 580 - are
returned to the Supdt of
Works, with a view to the
approval of the Military
authorities being obtained
to the same.

Early return of the
document is requested.

To. The Supdt of Works
Presidency
16th Decr 80. with the side

J.P.

17-12-80

Report & spec.
returned 21st Decr
in 20/12/80

No. 3505

MADRAS,
Chennai, 21st Decr. 1880.

From

THE SUPERINTENDENT OF WORKS,
PRESIDENCY,

To

The Chief Engineer,
P. W. Dept.

Sir,

Enclosures.

With reference to your Memorandum
No. 2879 of 17th instant, I have the honor to
request that you will be so good as to
return the Specification and Report for
constructing a platform for a 2nd gun
on the Light House Battery for transmission
to the Military authorities with the Plan
and Estimate for approval.

I have the honor to be
Sir,

Your most obed^t servant
H. M. Subramanian
Major R.

Superintendent of Works
Presidency

Memor. 2877-17th Decr/80

P.W. C. no. 8066

From,

The Supr. of works,
Presidency.

Ch. No. 2938 of 23rd Decr/80
Returned.

No. 3505 of P.W. C.
24-12-80.

Dated. 21st Decr/80.
Recd. 21st.

Enc.

Light House Battery. —

Requests the return
of Specification & Report
for constructing a platform
for a 2nd Gun on the —

No. 4,013

MADRAS,
Chennai, 5th Feb. 1881.

From

THE SUPERINTENDENT OF WORKS,
PRESIDENCY,

To

THE Chief Engineer,
P.W. Department.

Sir,

Enclosures. 1.

Plan.

Abstract

Estimate

Report

Specification

4

With reference to your Memo.
No. 2879 dated 17th December 1880,
I have the honor to retransmit the Plan
and Estimate for constructing a plat-
form for a second gun on the Light House
Battery, the approval of His Excellency
the Commander-in-Chief having been
obtained for the same.

I have the honor to be,
Sir,

Your Most Obedt. Servant.

W. H. C.

Major H. C.
Superintendent of Works, Presidency.

C. S. No. 544, 15-10-80.
" 2879, 17-12-80.
" 2938, 23-12-80.

J. W. C. 17/11/81
From

The Supdt of Works
Residency

No 4013.

Dated 5th
Desp 27th
Recd 7th } February 1881

Enclosures 4
Subject.

Light House Battery
Recommends the
Plan and Estimate for
Constructing a platform
for a second gun on the
— for Rs 580.

P. W. SECRETARIAT-1879-80

KEEP-WITH.

Current No. 774.

Letter No. 4013.

Dated the 5th February 1881.

from the Supdt of Works
Residency

Vol of Annual No.

The Plan & Estimate
for Constructing a platform
for a second gun on the
Light House Battery
amounting to Rs 580, has
been approved of & con-
firmed by the Quarter
Master Genl.

8th February 1881.

J. W. C.

C. No. 174

Note by Budget Section.

11/26/23

Remarks and References.

Work

Constructing a platform
for a second gun on the
Eight House Battery Road.

Fund

Imperial. Ordinary.

Class

Military. Original Works

Amount of estimate Rs. 580

Expenditure in previous year "

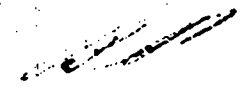
Allotment in current year "

Balance required to complete " 580

Total Rs. 580

Note of available funds.

Rs. 413 are available under Reserve
Military, Original Works. This amount can be
appropriated at once, and the balance in
the next off year.


Budget Superintendent.

9/1/24

No. 426 B.

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 17th Feb 1881.

Read the following:—

Endorsement by the Milly.

Sept. ————— N.E. No. 3905 d/ 22nd June 1880
from the Dept. of Works, Secy. " " 2237 " 10th Sept. "
Endorsement from the Milly. Sept. " " 6387 " 9th Oct. "
from the Dept. of Works, Secy. " " 3380 " 11th Dec. "
do " " 4013 " 5th Feb. 1881.

W

The estimate amounting
to Rs 550, for constructing
a platform for a second gun
on the Light House Battery
Madras is sanctioned.

2. A sum of Rs (413) four
hundred and thirteen available
under Reserve, Military
original works will be
appropriated for the work
at once and the balance
will be allotted during

the next official year.

5. This sanction has been
registered as Special Lib.
29 B of 1880-81 and classified
as Military Original Works.

Dr

11/11

12.2.87

to
S. W. Presidency ✓
with 3 enclos.

By S. W. & Tech. ✓
with 1 enclosure.

Military Dept. B
Desd
25-1-87

17.2.87

224

Est. of 1891
PUBLIC WORKS.

By
19.2
Dated
Encl
Est.

G. O. 1744, 1891, No. 4280

For

Light House Battery
Madras.

Estimated by the S. S. for
Contract: a platform
for a record from on
the ————

9
4