

Number of Sheets. 18

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Govt of Tamil Nadu

G.O. no: 3114 W dt 18-11-1887

Public Works Department

GP

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following papers:—

From Brigadier-General E. FAUNCE, Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 11th August 1887, No. 2096 B.

In forwarding, for sanction and transfer to the Public Works Department for

1 Estimate.

1 Report.

1 Specification.

1 Abstract in duplicate.

3 Plans and copy of letter, No. 229 M., dated 2nd July 1887, from Superintending Engineer, IV Circle.

disposal, the estimate, plan, &c., marginally noted, amounting to Rs. 8,850, for constructing a fortified post at Malapuram, I have the honor, by order, to state that, while the Commander-in-Chief approves the estimate generally, His Excellency considers the provision of a magazine in the hospital unnecessary.

2. His Excellency accepts the proposal made by the Superintending Engineer, IV Circle, in paragraph 3 of his letter No. 229 M., dated 2nd July 1887, regarding the demolition of rooms *e* and *f* in lieu of *b* and *c*.

3. The plan and estimate have been countersigned.

No. 4953, Military.

Approved and transferred to the Public Works Department for disposal.

(By Order.)

OOTACAMUND,
13th August 1887.

(Signed) A. KENNEY-HERBERT, Brigdr.-Genl.,
Secretary to Government.

No. 485 D.

Forwarded to the Superintending Engineer, IV Circle, for revision of the estimate in accordance with His Excellency the Commander-in-Chief's suggestions.

2. The report should be clearer, and should state the position and extent of the platforms.

26th August 1887.

(Signed) J. O. HASTED, Col., R.E.,
Secretary to Government, P.W.D.

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 3rd November 1887, No. 446 E.W.

With reference to your endorsement, No. 485 D., of 26th August 1887, on the order of the Military Department, No. 4953, of 13th idem, I have the honor to return you the plans and estimate for converting the hospital and flagstaff hill at Malapuram into a fortified post corrected.

2. The provision for a magazine, Rs. 602, has been struck out of the estimate, which reduces the total cost from Rs. 8,850 to Rs. 8,248.

3. And I have furnished a revised report to accompany the estimate with a view to making the proposals clearer. The revised report explains the position and extent of the firing platforms.

4. As the original general abstract contains many corrections, I send a revised fair copy of it in duplicate, together with the original one bearing the signatures of the Military authorities.

ENCLOSURE.

REVISED report to accompany the estimate for constructing a fortified post at Malapuram.

Amount of estimate, Rs. 8,248.

Reference.

Chief Engineer's memorandum, No. 485 D., dated 26th August 1887.

Report.

The present estimate provides for demolishing the rooms *a, f*, and rebuilding them with terraced roofing at *g, h* at a cost of Rs. 2,372.

The rooms *k, l, m* are already terraced, and the whole of this terraced portion, *g, h, k, l, m*, at the north end of the building will form one firing platform—804 square feet of clear space for the defenders to stand on, and 129½ running feet of parapet to fire from.

The rooms *n, a, b* are already terraced and the whole of this terraced portion *n, a, b* at the south end of the building will form another firing platform—762 square feet of clear space for the defenders to stand on, and 135 running feet of parapet to fire from.

There will be openings made on the roof at *x, x* and *y, y* to enable the defenders to pass from *n* to *a* and from *l* to *h*.

2. The estimate also provides staircases and a gallery inside the hospital to enable the defenders to ascend the firing platforms, carry down wounded men, &c., and pass easily from one platform to the other. This will cost Rs. 1,451.

3. It provides further a breastwork 823 running feet long, loopholed for rifle fire, to hinder an enemy in approaching the building. This will cost Rs. 710.

4. Certain adjoining buildings shown in black-shading on the plan which would give cover to an enemy are to be removed. These are as follows:—

- (1) The hospital kitchen.
- (2) Native followers' kitchen.
- (3) Do. latrine.
- (4) An old latrine for Europeans.
- (5) The hospital purveyor's store.
- (6) The range of outhouses attached to the apothecaries' quarters. Of the buildings dismantled, the first and two last only will have to be rebuilt, and the necessary provision for the same is made in the estimate. The cost of this dismantling and rebuilding will be Rs. 3,937.

5. The Military Department has taken steps to acquire the land on the slopes of the hill which is now covered with trees and low jungle. The estimate provides for clearing the jungle at a cost of Rs. 166.

The hospital and flagstaff rock adjoining it will thus be converted into a defensive post.

It is to be specially noted, to prevent any misunderstanding, that the rooms *a, b* are not to be demolished, and the rooms *c, d* are not to be constructed; but instead, the rooms *e, f* are to be demolished and the rooms *g, h* built.

(Signed) J. BEATTY, Colonel, R.E.,
Superintending Engineer, IV Circle.

ORDER—dated 18th November 1887, No. 3114 W., Public Works.

The estimate, amounting to Rs. 8,248, for constructing a fortified post at Malapuram, is sanctioned for execution when funds are available.

2. This sanction has been registered as Imperial, Ordinary, No. 50 W. of 1887-88, and classified as Military, Original Works.

(True Extract.)

To the Superintending Engineer, IV Circle, with ten enclosures.
" Examiner, Public Works Accounts, with the duplicate abstract estimate.
" Military Department.
Exd. J. Henricus.
Spate Copies

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

3114
2

BUILDINGS AND ROADS.
MILITARY WORKS.

Gobt. of (1887) Madras.
PUBLIC WORKS.

Dated November, 18th.

Recd.

Encl.

G.O., 18th Nov. 1887, No. 3114 W.

NOVEMBER.

Fortified post at Malapuram
Estimate for —, sanctioned.

Public Works Department.

314
/ 3

Current No. 6372

Letter No. 4953

Dated the 13th August 1887

From the Secy. to Govt. Military Dept.

NOTE OF REMARKS.

1. The accompanying plans and estimate which provide for constructing a fortified post at Malapuram have been prepared at the request of the General Officer, Commanding Western Districts & have been approved by the Commander-in-Chief.

2. The amount of estimate is Rupees 8850, and is divided as follows:—

- (a) Breast work --- Rs. 710.
- (b) Alterations to Hospital --- 2100.
- (c) Hospital staircase and gallery --- 1451.
- (d) Hospital Magazine --- 602.
- (e) Hospital Kitchen --- 353.
- (f) Hospital Purveyor's store --- 1886.
- (g) Apothecary's kitchen --- 1720.

Carried over Rs. 8822.

Revised

3114
/ 3
PWC No 6372

The plans & Est for constructing a fortified post at Malapuram, are generally approved by H. C. The Commander in Chief. The alterations required by H. C. are

I The Magazine in the Hospital to be omitted, thus reducing the Est by 602 Rs.

II The rooms marked c & f on the plan of the Hospital to be pulled down, and the rooms marked c & d to be built at 8 & 6.

I have marked on the plan in red ink, the proposed alterations in these buildings which form the Hospital dependance to the Hospital.

The extent of the firming platform is not anywhere stated — I assume that when the roof is removed

the proposal will be raised & loop-holed -

In my opinion in the proposal here sent there is considerable preparation as is desirable, and although the officer who prepared it, would be able to carry it out, I do not think the plans represent in themselves or specially clear -

In the letter from Q M G 2096 B of 11 Aug 1887 "in lieu of h & c" is approved a clear plan for "in lieu of h & c"

I would suggest that the whole of the papers be sent back for complete revision, and the preparation of clearer plans, with a more detailed report -

W. W.

12.8.87

6.23.8-87

3114
4
Return S.L.2 for revision of Est. in accordance with S.S. The C. in C. suggests & says that the report should be clearer & should state the position & extent of the proposals -

Loc
25/8/87.

Public Works Department.

3114
5

Current No. 6372

Letter No. 4953

Dated the 13th August 1887

From the Secy to Govt. Military Dept.

NOTE OF REMARKS.

1. The accompanying plans and estimate which provide for constructing a fortified post at Mallikpuram have been prepared at the request of the General Officer, Commanding Western Districts & have been approved by the Commander-in-Chief.

2. The amount of estimate is Rupees 8,850, and is divided as follows:-

(a) Breast work	Rs. 710.
(b) Alterations to Hospital	2,100.
(c) Hospital staircase and gallery	1451.
(d) Hospital Magazine	602.
(e) Hospital Kitchen	358.
(f) Hospital Purveyor's store	1386.
(g) Apothecary's kitchen	
Papage & compound wall	1720.

Carried over Rs. 8,825.

Revised

Current No. 6372

Letter No. 4953

Dated the 13th August 1887

From the Secy. to Govt. Military Dept.

NOTE OF REMARKS.

1. The accompanying plans and estimate which provide for constructing a fortified post at Mallikpuram have been prepared at the request of the General Officer, commanding Western Districts & have been approved by the Commander-in-Chief.

2. The amount of estimate is Rupees 8850, and is divided as follows:—

(a) Breast work	Rs. 710.
(b) Alterations to Hospital	2,100.
(c) Hospital staircase and gallery	1,457.
(d) Hospital Magazine	602.
(e) Hospital Kitchen	353.
(f) Hospital Purveyors stores	1,886.
(g) Apothecary's kitchen	
Pavage + compound wall	1,720.

Carried over Rs. 8,822.

Revised

C-23-887

Brought forward Rs. 8825.
 (h) Hospital Building } .. 15.
 (i) Native followers } .. 13.
 temporary kitchen }

Talat Papers 8850.

3. The slopes of the hill on which the Barracks stand, are either planted with coconut and Jack trees, or are thickly overgrown with *Lantana* and other low jungle. The Military Department have taken steps to acquire the land, and the accompanying estimate provides for clearing away all low jungle and under growth &c.

4. Other particulars regarding the construction of different works are explained in the Report accompanying the estimate.

5. The specification is submitted.

6. The Breast wall is to be built with rough stone in clay loop holed with trench complete.

7. New Bathroom & latrine in the Hospital, are to be built of laterite

laterite in chunam ³¹¹⁶ & plastered with a coat of chunam & white washed and roof is to be terraced.

8. Hospital staircase & gallery are to be made of teakwood wrought and put up with 1 1/2" teak planking with iron railings & painted with wood oiling 2 coats.

9. Hospital Magazine. Foundation and superstructure including arch work &c are to be built of laterite in chunam, plastered with 1/2" cement & floored with 3/4" asphalt.

10. Hospital Kitchen. Foundation, Basement & superstructure are to be built of laterite in chunam with 2 coats of chunam plaster inside & chunam pointed outside. Flooring is to be with laterite jelly. Roofing is to be of mission tiles on old rafters &c.

11. Hospital Purveyor's stores. Foundation, Basement & superstructure are to be built of laterite in chunam with 2 coats of chunam plaster

plaster inside & chumam
pointed outside. Flooring
is to be with $3\frac{1}{2}$ " asphalt.

Roofing of the main building
is to be of Mission tiles on
ceiling planks. As for
Verandah, roofing is to be
of Mission tiles without
ceiling planks.

12. Apothecary's kitchen, Papaga
and compound wall.

Foundation, basement & super-
structure of Apothecary's

kitchen are to be built of
laterite in chumam, plastered
inside & outside with
2 coats of chumam. Roofing
is to be of handtiles & kilpers.

Flooring is to be with laterite
jelly inlay.

Papaga is to be of Erroolor
Hoarumarmuddu wooden
uprights and bressummers
& roofed with thatch.

Compound wall to a
length of 327 ft. is to be
built of laterite in chumam
to a thickness of 1 foot
and to the height of 14 ft.
including foundation.

312/4
13. The rates are fair.

14. Contingencies & superin-
-tendence are separately
charged at 5 percent.

15. The plans and esti-
-mate have been
countersigned by the
Military authorities &
approved in the
Military Department.

Stt
19.8.87.

1887.

P. W. DEPARTMENT.

Current No. 6372 3

From

The Military Dept.

No. 4953

Dated 13th Aug 87.

Received 13th do - 11.
again 26-8-87.

ENCLOS. - 9

3 plans

SUBJECT.

Fortified Port at Malliapuram

Transferring Plans
and estimates for
constructing a

DISPOSAL.

No. 485 D. Dated 26th Aug 1887.

Forwarded to the
S.S. IV Circle, for revision of the
estimate in accordance with
R.S. the (name) in Chief's
Suggestions.

The report should be clear
and should state the position
and extent of the platform.

(Sd)

M. M. M. (Sd)

Secy to Govt

QUARTER MASTER GENERAL'S OFFICE,

Ootacamund,

11th August 1887.

2096 B

3114
9

NCE,

QUARTER MASTER GENERAL,

ERNMENT,

MILITARY DEPARTMENT.

for sanction and transfer to
Department for disposal
as marginally noted,
8850 for constructing a
Malliapuram, I have
to state that, while the
Chief approves the estimate
Agency considers the provision of
Hospital unnecessary
Agency accepts the proposal
Attending Engineer is under

3114
8

Form No. 20 A.
7 B.

Defensive Post
Mallapuram

QUARTER MASTER GENERAL'S OFFICE,
Ootacamund,

11th August 1887.

No. 2096 B

3114
9

From

BRIGADIER-GENERAL E. FAUNCE,

~~CHIEF~~ QUARTER MASTER GENERAL,

To

THE SECRETARY TO GOVERNMENT,

MILITARY DEPARTMENT.

Sir,

In forwarding for sanction and transfer to the Public Work Department for disposal the estimate, plan &c. marginally noted, amounting to Rs. 8850 for constructing a fortified post at Mallapuram, I have the honor, by order, to state that, while the Commander-in-Chief approves the estimate generally, His Excellency considers the provision of a Magazine in the Hospital unnecessary.

His Excellency accepts the proposal made by the Superintending Engineer to locate

1. Estimate
1. Report
1. Specification
1. Abstract in duplicate
3 Plans
and letter No. 229 dated
11th July 1887 from Suptg
Engineer IX Circle

in para 3 of his letter N^o 229 dated 2nd
July 1887 regarding the demolition of rooms
E and f in lieu of b. and c. ? a

3. The plan and estimate have been
countersigned

I have the honor to be

Sir

Your obedient servant

A. H. Smith

Brigadier General
Quartermaster General

RSB

Public Works Department
Colonial Office
N^o 485 S. dated 26th August 1887

Forwarded to the
Suply Divⁿ IV Circle, for
revision of the estimate
in accordance with
H. B. the Commr in Chief's
instructions.

The report should
be clearer, and should
state the position and
extent of the platform.

Forwarded Colonel R. B.
See S. G. W. P. W. O.

Military (1887) Department.

No. 557

From

THE OFFG. QUARTER MASTER GENERAL,

To

THE SECRETARY TO GOVERNMENT,

MILITARY DEPARTMENT.



No. 2096B.

Dated 11

Received 13

August

Secy. to Govt. P.W.D.

ENCLOSURES. 8

Forwarded for sanction and transfer to the P.W. Dept. Plans and estimate for constructing a fortified lat at Malliapuram.

Military Department
Ordnance
13 August '87.

No. 4953. Approved and transferred to the Public Works Department for disposal.

By order

Kennedy Herbert
Secy. to Government

No. 485D of 26 Aug 1887

Forwarded to the S.E. Wirele, for revision of the estimate in accordance with H.E. the C-in-C's suggestions.

The report should be clearer & should state the position & extent of the platform.

(sd) J. O. Basted Col. R.E.

Secy. to Govt. P.W.D.

Resubmitted 23-8-87
16-11-87 R. 18-11-87

No. 446

From

Superintending Engineer's Office 4th Circle
Wimbatore November 1887

31/11

Colonel J. Beatty R.E.
Superintending Engineer
4th Circle

of

The Chief Engineer
P.W. Department.

Enclosures 12. Sir,

1. Original Report
1. do. Specification
1. Revised report
1. Original abstract in duplicate
1. Revised abstract in duplicate
1. Detailed estimate
3. Plans.
1. Chief Engineer's Certificate of 21.11.87
- No. 2096 of 11-8-87

With reference to your endorsement, No. 485D of 26th August 1887, on the order of the Military Department, No. 4953 of 13th idem, I have the honor to return you the plans and estimate for converting the Hospital and Flag staff hill at Malapuram into a Fortified Post, corrected.

2. The provision for a Magazine, No. 602, has been struck out of the estimate; which reduces the total cost from Rs 8350 to Rs 8248.

3. And I have furnished a Revised

Revised report to accompany the estimate; with a view to making the proposals clearer. The revised report explains the position and extent of the firing platform.

4. As the original general abstract contains many corrections, I send a revised fair copy of it, in duplicate, together with the original one bearing the signatures of the Military authorities.

I have the honor to be
Sir,

Yours most obedt. Servant

L. Seatty. Colonel R.E.
Superintending Engineer
4th Circle.

LS

Revised report to accompany the estimate for constructing a fortified post at Malapuram.

8114
12

Amount of estimate, Rs. 3248.

— Reference —

Chief Engineers Memo. No. 485 D dated
26th August 1887.

Report

I The present estimate provides for demolishing the rooms e. f., and rebuilding them with terraced roofing at g. h.; at a cost of Rs. 2,372.

The rooms k. l. m. are already terraced and the whole of this terraced portion, g. h. k. l. m., at the north end of the building, will form one firing platform; 804 square feet of clear space for the defenders to stand on, and 129½ feet of parapet to fire from.

The rooms n. a. b. are already terraced and the whole of this terraced portion n. a. b. at the south end of the building will

will form another firing platform; 762 square feet of clear space for the defenders to stand on, and 135 feet of parapet to fire from.

There will be openings made on the roof at x, x, & y, y. to enable the defenders to pass from w to a, and from l to h.

II The estimate also provides staircases, and a gallery, inside the hospital, to enable the defenders to ascend the firing platforms, carry down wounded men &c. and pass easily from one platform to the other. This will cost Rs. 1451.

III It provides further a breastwork 823 feet long, loop holed for rifle fire, to hinder an enemy in approaching the building. This will cost Rs. 710.

IV Certain adjoining buildings shown in black shading on the plan which would give cover to an enemy are to be removed. These are as follows:-

(1) The Hospital kitchen

(2) Native Followers kitchen

(3) ———— Dr. Latrine

(4)

(4) An old Latrine for Europeans.

(5) The hospital Purveyor's store, ³¹¹⁴/₁₃

(6) The range of out-houses attached to the apothecaries quarters. Of the buildings dismantled the first and two last only will have to be rebuilt and the necessary provision for the same is made in the estimate. The cost of this dismantling and rebuilding will be Rs. 3987.

V The military Department has taken steps to acquire the land on the slopes of the hill which is now covered with trees and low jungle. The estimate provides for clearing the jungle at a cost of Rs. 166.

The Hospital and Flag staff Rock adjoining it will thus be converted into a Defensive Post.

It is to be specially noted, to prevent any misunderstanding, that the rooms a, b. are not to be demolished, and the rooms c, d are not to be constructed; but instead, the rooms e, f, are to be demolished, and the rooms g, h, built.

[Signature]

L. Beatty. Colonel R.E.
Supg. Engineer, 44 miles.

Enclosure No-304 abt
No: 144 of 3rd November/84
from the Supg. Engineer
Hth Circle.

E. 13

Revised Report to
accompany the Esti-
mate for constructing
a fortified Post at
Malapuram.

3114
14

From

Colonel J. Beatty R.E.
Supg. Engineer, H. Ind.

Dated 3rd November 1887.

No. ^{104 E.W.}
395
M

Encls: 12/2 in cover
(+3) plain

Fortified Post at Mala
puram

With reference to
Chief Engineer's endorse-
ment No. 150 D of 26th
August 1887, returns
the plans estimates
has corrected.

3114W

Public Works Department.

Current No. 8884

Letter No. 446 E.W.

Dated the 3rd November 1887

From the

The Est may now be sent for

At 0240 - 11/11/87

NOTE OF REMARKS.

In accompanying
plan and estimates
have been revised
in accordance with
the Chief Engineer's
Endorsement No. 150 D
of 26th August 87
and the est with
remarks are shown.

There are to be
two firing platforms
one at the North
Extending over
ground 9. h. K. L. m.
having a superficial
area of 804 sq ft.
and the other at
the South End ex-
tending over ground

h, a, b. having a superficial area of 762 sq. feet. The north platform will have a parapet of 129½ running feet in length & the south platform a parapet of 135 R. ft.:-

Openings are provided on the roof at a, x, & y, y as passages from n to a and b, to b

A staircase & ladder are provided inside the hospital to carry down the wounded

The Detachment also provides for a breastwork 823 ft long loopholed for rifle fire.

The Detachment also provides for the removal of carcasses adjoining buildings which are liable to offend the health to the enemy, there are ~~also~~

- 3114/16
- 1 The hospital kitchen
 - 2 latrine followed kitchen
 - 3 — do — latrine
 - 4 the old latrine for Europeans
 - 5 The hospital Purveyors store
 - 6 The range of out office attached to the Apothecaries quarters.

Of the buildings to be dismantled the first and two

last will have to be rebuilt.

For stock provision is made in the Detachment which

also provides for clearing jungle.

The land is to be acquired by the military Dept.

The Hospital and Flagstaff Rock at Inulapuran are then to be converted into a fortified post

10/11/87 C.M.S.

No. 3114
3114/17
M. P. P.
M. P. P.
M. P. P.
PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 18th Nov 1887

Read the following

From the Quarter Master General. H. E. No. 2096 B of 11th August 1887
Endorsement by the Military Department. H. E. No. 4953 of 13th August 1887
as in the P. W. Dept. No. 4953 of 26th 8. 87
From the Suptg. Engineer IV Circle. H. E. No. 446 E. W. of 3rd November 1887

8
The estimate amounting to
Rs. 8,248, for constructing a fortified post
at Malapuram, is sanctioned for
execution when funds are available.

2. This sanction has been regis-
tered as Imperial Ordinary No. 50 W
of 1887-88, and classified as Military
Original Works.

P. P. H.
17/11/87

29/11

M. P. P.
14.11.87

See
12/11/87

To The Suptg. Engr. IV Circle with 19 enclos.
" Examiner of P. W. Accts with the
duplicate abstract estimate
" Military Department.

Cu
12/11

3114
18

circ 16-11-87 R. 18-11-87

circ 16-11-87

8884

Govt. of Madras

PUBLIC WORKS.

19/11/87

Dated

Recd.

Encl.

G.O. 18 Nov 1887, No. 3114 ✓

Forfeited post at

Malapuram

Est for —, sanctioned

80
6

29/11/87