

(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.	2434-35	Press
B.P. No.		Mis.
Dated	27. 8.	195- 1874

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
27th August 1874.*

Read the following letters:—

No. 680. From Captain J. H. TAYLOR, Acting Master Attendant, Administrative Department, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 9th July 1874, No. 4,165.

I HAVE the honor to request that early orders may be issued for the erection of the staging at Muttum Point, as the District Engineer has not as yet received sanction to proceed with the work, and it is highly desirable that the temporary light should be exhibited without delay, as during the south-west monsoon, when observations are rarely obtainable, the light will prove an inestimable boon to vessels making the land.

No. 631. From the same Officer, dated Madras, 20th July 1874, No. 4,420.

REFERRING to my letter No. 4,165 of 9th instant, I have now the honor to forward plan and estimate for the temporary staging and Superintendent's Bungalow with huts for lascars at Muttum, and request that the amount of the estimate, Rupees 1,000, may be placed at the disposal of the District Engineer, Tinnevely, with all possible despatch.

2. I annex for information copy of a letter received from the District Engineer.

No. 682. ORDER THEREON, 27th August 1874, No. 2,434.

CIVIL WORKS, No. 36.

ORDERED that an application for the necessary funds be made to the Government of India.

2. It is observed that the adoption in paragraph 3 of Order in the Marine Department, No. 153 of 12th May, of the Master Attendant's suggestion that the temporary light establishment at Muttum Point was debitable to Provincial Services was the result of inadvertence; and is inconsistent with the position taken up in letter to the Government of India, No. 1,229 of 8th May, and Proceedings in the Public Works Department, No. 1,273-B of 11th May, copy of which has by mistake not hitherto been communicated.

(Here enter No. 2,435, dated 27th August 1874.)

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Marine Department, with G. O., No. 1,228, and letter No. 1,229.
„ District Engineer, Tinnevely.

Ed. S. T. Austin.
Spare Copies

PUBLIC WORKS DEPARTMENT,
OOTACAMUND, 27th August 1874.

No. 683.

No. 2,435.

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. 37.

SIR,—In continuation of my letter
No. 1,229 of 8th May and dockets
No. 1,273-C of 11th idem and No. 1,913

of 16th July, I am directed to forward copy of Proceedings in the Marine Department, No. 153 of 12th May, relative to the proposed transfer of a lantern available from the old Tuticorin lighthouse for exhibition on a staging at Muttum Point. And I am to suggest the provision of a sum of Rupees 1,000, which has subsequently been reported to be necessary for the purpose, should the Government of India approve of the entertainment of the requisite establishment from Imperial Funds. The direction in the Marine Department that this charge should be met from Provincial Funds was (I am to observe) inadvertently given, as will be seen from my letter of the 8th May last respecting this and other charges of a similar kind.

I have the honor to be,

Sir,

Your most obedient servant,

Colonel, R.E.,

Secretary to Government.

Exd. S. T. Austin.

Spare Copies

Govt. of 1874 Madras.
PUBLIC WORKS.

To

THE SECRETARY TO THE GOVERNMENT
OF INDIA.

Dated August 27th.

Recd.

Encl.

G. O., 27th August 1874, No. 2,435.

AUGUST.

No. 633

FORWARDING copy of Proceedings in the Marine Department, dated 12th May, relative to the proposed transfer of a lantern available from the old Tuticorin lighthouse for exhibition on a staging at Muttam Point, and suggesting the provision of a sum of Rupees 1,000, should the Government of India approve of the entertainment of the requisite establishment, from Imperial Funds.

Administrative Department

N^o 4165.

From

The Acting Master Attendant
Administrative Department
Madras

To

The Secretary to Government
Public Works Department
Fort Saint George

Sir

I have the honour to request that early orders may be issued for the erection of the staging at Muttam Point, as the District Engineer has not as yet received sanction to proceed with the work, and it is highly desirable that the temporary light should be exhibited without delay, as during the S. W. Monsoon, when observations are rarely obtainable, the light will prove an inestimable boon to vessels making the land.

I have the honour to be

SIR

Your most Obedt Servant.

W. M. P.
Acting Master Attendant
Administrative Department

Madras
Marine Office
9th July 1874

N^o 302.

District Engineer's Office, Pinnerelly
Palamcottah. 16th July 1874.

From
The District Engineer
Pinnerelly

To
The Master Attendant
Administrative Department
Madras.

Sir

Enclosures 2.

1 Estimate.

1 Plan.

I have the honor to forward herewith
plan and Estimate for the Plat-form for
the Lantern to be erected at Muttum.

2. As it may be some years before the
permanent Light House is constructed, I
thought it better to estimate for a masonry
structure instead of the palmirah staging
originally proposed by me. With this view
also, the Bungalow has been made somewhat
more substantial than if it were required
only for a season or so.

3 I also beg to acknowledge receipt of
your N^o 4184 of the 10th Instant. Only a
general sanction was accorded to my propo-
sal to utilize the Tuticorin Lantern.

4 If the plan and Estimate are approv-
ed by you, please forward them to Government
with

D. W. 1874 Sept.
24th 930
From N^o: 4232

The Master Attendant
Administrative Department

To
The Secy to Government

Public Works Department

Fort St George

Dated 9th }
Recd 10th } July

No 4165

Requests the issue of
early orders for the erection
of the staging at Muttum
Point.

Revenue N^o 534-16-1 July 1874.

Elld. No: 2434. 27-8-74.

Dr. 630
District Engineer's Office, Pinnerelly
16th

with a request that funds be allotted for this service.

I have ~~seen~~
Signed J. W. Randall
District Engineer.

(true copy)
W. H. R. Smith
1st Asst. Master Attendant.
Administrative Department.

W.H.

For amount for approval
Plan and Estimate for the
Flat form for the lantern
to be erected at Muttam
and request that they may
be submitted to Government
for an allotment of funds

11/14/96
11/14

Distt 1884 } July 1896
Recd. }
E. B. 302

Administrative Department
Master

The Master Attendant

24. 27 27 and 27 27
20. 11 11 11 11 11 11

From
The District Engineer

Detailed Estimate No. 1874/75

Travancore Territory

Work. Constructing a temporary platform for carrying
Lantern and Quarters for Light Superintendent at Muttam.

Particulars of work.

Particulars of work.	Number	Measurements in feet.			Contents
		Length	Breadth	Weight	

Flat form.

Concrete.

Foundation	2	7	14	3	1 1/2	63
Total concrete						63.
Being equal to cubic yards						2 1/3

Wedge Stone in Mortar

Side walls	2	6	12	2	11	264
Flat form	1	11	11	6	5	330
Ce feet						594.

Deduction

Circular span (8' x 7') - area	19 1/4	6	115 1/2			
Arch work	1	6	6	12 1/4	1 1/8	86.
Ce feet						201 1/2

Remaining wedge stone in mortar						392 1/2
Being equal to cubic yards						14 1/2.

Arch work.

As per details given above						86.
Being equal to cubic yards						3 1/4.

Light Superintendents Quarters.

Rubble in clay.

Main walls.

Front and rear	2	33	66
Side walls	2	17 1/2	35
Cross wall	1	17 1/2	17 1/2
Carried over			118 1/2
		2	2 1/2
			592 1/2

Brought Forward. ————						592 1/2
Cross wall ————	1	11 1/2	11 1/2	1 1/2	2 1/2	43
<u>Retaining wall of Verandah</u>						
Front and rear ————	2	47 1/2	95			
Ends ————	2	33	66			
		161	1 1/2	2 1/2		603 3/4
Total Rubble in Clay Coffer ————						1239 3/4
Being Equal to Coffers ————						45 3/4

Superstructure.

Main walls.

Front and Rear ————	2	32 1/2	65			
End walls ————	2	18	36			
		101	1 1/2	11		1666 1/2
Cross wall including Sable ————	1	18	18	1 1/2	21 1/2	580 1/2
Cross wall ————	1	12	12	1	13	156
						2403

Deductions

Doors ————	3	3	9	1 1/2	6	81
Do ————	1	2 1/2	2 1/2	1 1/2	5	18 3/4
Do ————	1	3	3	1	6	18
Windows ————	5	3	15	1 1/2	4 1/2	101 1/4
Do ————	1	2 1/2	2 1/2	1 1/2	3 1/2	13
						232

Remaining Raw brick in clay Coffer feet. ————						2171
Being Equal to Coffer yards ————						50 1/2

Plastering

Inside Room ————	1	68	68		11	748
• Sable ————	2	18	36		3 1/2	126
• Room ————	1	46	46		11	506
• Do ————	1	36	36		11	396
• Sables ————	2	12	24		2	48
Outside ————	1	107	107		11	1177
Plastering with clay & cow dung & white washing						
2 coats square feet ————						3001

Note. No deduction made for voids and no allowance for Lances, soffits &c.

Flooring

Room ————	1	15 1/2	15 1/2	17 1/2		271 1/4
Do ————	1	10 1/2	10 1/2	11 1/2		120 3/4
Do ————	1	5 1/2	5 1/2	11 1/2		63 1/4
Do ————						
Verandah front & Rear ————	2	44 1/2	89			
• " Ends ————	2	33 1/2	67			
		156	5 3/4			897
						1352 1/4

Flooring with clay & cow dung square feet ————

Painting

Wassmant ————	1	169	169		2 1/2	422 1/2
Painting square feet ————						422 1/2
	1	50 1/2	50 1/2	50		2525

Roofing

Total Roofing with Palminah rafters, wall-plates, agather, repp and Coconut board &c complete square feet. ———— 2525.

22 Palminah Pillars of 6 feet.

District Engineer's Office
Palmerston North
16th July 1892

J. W. Randall
District Engineer, Taranaki

Note.

124. 37 27 1/2
 80 15 1/2 681
 11/14

Abstract Estimated to of 1874-75
 Ironore Territory
 Work. Constructing a Temporary flat form for carrying
 Lantern and Quarters for Light Superintendent at Muttam.

Quantity	Description of work.	Rate	Amount	Total.
<u>Flat Form.</u>				
2 2/3	Cyants. Concrete _____ at	3 8	8 2 8	
14 1/2	_____ Wedged stone in mortar _____ at	7 8	108 12	
3 1/4	_____ Arch work (Brick in mortar) at	8	26	
1	Ladder 18 feet in length _____		15	
	Carriage of Lantern from Lute. _____		20	

	Fixing light including frames _____		20	
	bolts &c _____			
	Sundries and Travelling Pack _____		12 1 4	
				210

<u>Light Superintendents Bungalow.</u>				
45 3/4	Cyants. Rubble in clay _____ at	3	137 4	
80 1/2	_____ Raw Brick in do. _____ at	1	80 8	
3000	Square ft. Plastering with clay and cowdung whitewashing 2 _____	1	30	
	Coats per Square _____			
135 2/4	_____ Flooring with clay & cowdung _____	8	6 12 2	
422 1/2	_____ Pointing with lime putty _____	1 8	6 5 4	
2525	_____ Roofing with palm-leaf rafters wall plates, Agathie reapers and Coconut leaves &c complete _____	10	252 8	
22	_____ Palm-leaf Pillars of 6 feet _____	12	16 8	
169	_____ 2 1/2 feet Palm-leaf Kressumars _____	1	10 9	
2	_____ Doors 3x6 with frames &c complete _____	9	18	
				558 6 6 210
	Carried over			

Brought forward.		558	66	210
1	Door $2\frac{1}{2} \times 5$ with frames & complete.	6	4	6
5	Windows $3 \times 4\frac{1}{2}$ with frames & complete.	6	12	33
1	— 2 $\frac{1}{2} \times 3\frac{1}{2}$ with frames & complete.	4	6	4
2	Sally Doors	2	8	5
	Excavation for foundation & Sundries	12	3	6
				620
	Cook Room 12×8 complete.	20		
	Lavears sheds 12×10 each - at 30	30		120
				140
	Extra Establishment			30
	<u>Total Amount of Estimate Rupees.</u>			<u>1000</u>

District Engineer's Office
Palamcottah
16 July 1881

I. W. Russell
District Engineer, Tanjore

1897 July 27
1897 July 27
1897 July 27
1897 July 27

Specification Report to accompany Estimate for erecting temporary Plat form for lantern and Baigalow for Superintendent at Muttam. in the ^{Tranquebar Territory} Amount of Estimate Rupees. 1000 —

The plat form to be situated so that the light will fall on the Rock.

The foundation for plat form to be excavated to the rock level and filled in with concrete to the level of ground. The concrete to be of 3 parts stone, to 1 part mortar composed on the proportion of 1 part lime to $\frac{3}{4}$ "Dorkee" and 1 Sand laid in 9" layers and well consolidated by a light beetle.

The superstructure of the plat form (except the arch) to be of wedged stone laid in mortar specified in last para. The stones to be properly and interstices filled in with chips and mortar. Outside joints to be pointed after completion.

The arch of Plat form to be of brick laid in mortar specified above in half brick rings, half brick bond longitudinally and whole bricks connecting the rings at causing joints, the joints not to be more than $\frac{1}{4}$ inch.

Lantern. — Two beams of Vangai or teak wood $\frac{7}{2} \times 6$ "in section to be lit into the backing of the arches and the lantern properly bolted down to them.

Stone masonry. — The foundation and basement walls of Superintendent's bungalow to be of Rough stone in clay. Sinter to be filled with small stones and each course to be finished off horizontally the joints of the exposed parts to be pointed with mortar.

The walls of Baigalow and of Lavears' huts to be of raw bricks in clay. The bricks to be moulded

Administrative Department.

N^o 4420

From

The Acting Master Attendant
Administrative Department
Madras

To

The Secretary to Government
Public Works Department
Fort Saint George

Sir

Referring to my letter N^o 4165.
of 9th instant. I have now the honor to
forward Plan and Estimate for the
Temporary Staging and Superintendents
Bangalore with Plans for Sappers at
Muttur, and request that the amount
of the estimate Rupees (1000) one thousand
may be placed at the disposal of the
District Engineer, Tinnevely, with all
possible despatch.

2

I enclose for information copy of a
letter received from the District Engineer.
I have the honor to be

Sir

Your most Obedt Servant

J. W. Taylor
Acting Master Attendant
Administrative Department

Madras
Marine Office
20th July 1874

By: D. J. J. J. J.
L. S. J. J. J.
Provincial

Civil Buildings

N^o 5 of 1874-75.

Procurement Secretary

M. 4496/74
3/1/74

Constructing a temporary

Platform for carrying

Land and Sappers

for eight Superintendents

and Sappers at Muttur

Rupees 1000-0-0

Public Works Department
Proceedings of the Madras Government

Read the following

2434

From

The Master Mendent (P. O. 4165 of 9 July 1874)
Madras

do — do — (P. O. 4420 of 20th —
with enclosures.

Ordered that an
application for the neces-
sary funds be made to
the Government of India.

It is observed that
the adoption in para 3
of order in the Marine
Department No: 153 of
12th May of the Master
Mendent's suggestion
that the temporary Light
Re-establishment

Dr. 2200 of 1874
and 6 of 1874

Dr. 20th of 1874
Recd 21st July 1874
Enclosure 5
No: 4420
Submarine
for the temporary lighting
and lights Bengal and
for the same at the same
and requests that the same
may be placed at the dis-
posal of the District
Commissioner.

Dr. 20th of 1874
Recd 21st July 1874
Enclosure 5
No: 4420
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Establishment at Mut-
tun Point was debita-
ble to Provincial services
was the result of inad-
vertence, and is incon-
sistent with the position
taken up in letter to the
Government of India
N^o 1229 of 8th May, and
Proceedings in the Public
Works Department
N^o 1273 B of 11 May, Co-
py of which has by
mistake, not hitherto
been communicated.

H.R. 40 87

Mr. J. O. ...
To the Marine Light with G. O. N^o 1228
and letter N^o 1229.
To Dr. E. J. ...
S. Copier despatch 1/7/74.

To ²⁴³⁵⁻
The Secretary to the
Govt. of India
Sir
In continuation of
my letter No: 1229 of 8th May,
and Procto No: 1273 C
of 11th Idem, and No: 1913
of 16th July, I am directed
to forward copy of Pro-
ceedings in the Marine
Department N^o 153 of
12th May relative to the
proposed transfer of a
Lantern available from
the old Interior Light
House for exhibition
on a staging at Muttam
Point

Princk And I am to sug-
gest the provision of
a sum of Rs. 1000, which
has subsequently been
reported to be neces-
sary for the purpose,
should the Govt. of
India approve of the
entertainment of the
requisite establishment
from Imperial Funds.

The direction in the
Marine Department
that this charge should
be met from Provinci-
al Funds was (I am
to

to observe) inadvertently
given, as will be seen
from my letter of the
8. May last respecting
this and other charges
of a similar kind.
Amn

W. H. ...
65. Copies of 86 copies of No. 153.
despt 4/9/74.

Letter from Master Attendant N: 4165 79: July/74.
 — do — do — N: 4420 720: July/74

For orders

Submitted for orders
 whether the work originally
 calculated to cost Rs: 200 but
 now estimated at Rs: 1000
 should be proceeded with, see-
 ing that in letter to the Govt.
 of India No: 1229 dated 8 May
 1874 all liability in con-
 nection with it is repudiated,
 on the ground that the work
 is in Foreign Country and
 is properly chargeable to
 Imperial Funds.

For submit to the
 Govt. of India with
 request that the same
 may be sanctioned
 24/7 1874

Wm. R. P.
 Secretary to Govt. of India

680-683.

On 22nd Aug 74

Public Works Department
 Proceedings of the Madras Govt.
 Read the following

From

The Master Attendant } (H. E. No. 4163 of 94)
 Madras } July 1894.
 " do do. (" " " 4163 of 20 July 1894.)

Ordered that an
 application for the
 necessary funds be
 made to the Govt. of
 India.

It will be intimated
 to the Marine Department
 that the addition, in
 para 3 of order in that
 Department No. 153 of
 12th May, of the Master
 Attendant.

M
 13/8

RD 20/8/94
 Cir 24/1/94

Attendants suggestion
that the temporary
Light Establishment
at Muttam Point
was debitable to Pro-
-vincial Services is
inconsistent with the
position taken up
in letter to the Govt. of
India No. 1229 of 8th May,
and Proceedings in the
Public Works Department
No. 1243 B of 11th May,
copy of which has, by
mistake, not hitherto
been communicated.

H. C. No. dated

To. The Secy. to the Govt.
of India, P.W.D.

Hi. In continuation
of

was the result of
misunderstanding and

of my letter No. 1229 of
8th May, and Govt. No.
No. 1243 C of 11th Idem,
and No. 1713 of 16th July,
I am directed to forward
copy of Proceedings
in the Marine Department
No. 153 of 12th May relative
to the proposed transfer
of a Lantern available
from the old Anticorin
Light House for exhibi-
-tion on a staging
at Muttam Point. and
I am to suggest the
provision of a sum of
Rs. 1000, which has sub-
-sequently been reported
to be necessary for the
purpose, should the
Govt. of India app.

4-3-76

of the entertainment
of the requisite Estab-
-lishment from Impe-
-rial Funds; the pro-
-posal in the Marine
Department, to meet the
change from Provin-
-cial services having
been adopted from the
Master Attendants letter
without due consideration.

Copy to the
Director
of the
Marine
Department

4232
496

Govt. of 1874 Madras.

PUBLIC WORKS.

To

The Secretary
Public Works
27/8/74

Dated

Recd.

Encl. 5

G. O. 27 Aug 1874 No. 2434
2435

Nos. 687-683.

Staging & Supt's
ungalow see at Muttam
Dist. - Simevolly DP

Application for
lands for the works
ordered to be made
to the Govt. of India.