

(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. 006	(W)	Press Mis.
Dated 27-2-		1877.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
27th February 1877. No. 666.*

Read the following papers :—

No. 669. From J. H. TAYLOR, Esq., Lieutenant, R.N.R., Master Attendant, Administrative Department, Madras, to Lieutenant-Colonel J. MULLINS, R.E., Secretary to Government, Public Works Department, dated Madras, 21st February 1877, No. 1,326.

I HAVE the honor to submit the accompanying letter from the District Engineer, Vizagapatam, dated 10th instant, No. 2,295, together with an estimate, amounting to Rupees (110) one hundred and ten, for repairs to the Santopilly light-house, and to solicit the sanction of Government to the latter.

2. The District Engineer requests that the necessary funds may be placed at his disposal. I presume that it is not likely that the whole sum of Rupees (1,286) one thousand two hundred and eighty-six, sanctioned for light-house repairs, Imperial, as per G.O., No. 138, 16th ultimo, will be required for expenditure on the light-houses for which the grant is intended, and, if so, I would suggest that the amount required for Santopilly be allotted from this source.

3. Early orders are solicited on the matter so that the repairs may be carried out during the present official year.

From Major H. W. WOOD, R.E., District Engineer, Vizagapatam, to J. H. TAYLOR, Esq., Lieutenant R.N.R., Master Attendant, Administrative Department, Madras, dated Waltair, 10th February 1877, No. 2,295.

I HAVE the honor to forward herewith for sanction an estimate, amounting to Rupees 110, for repairing the light-house at Santopilly, and to request that you will be good enough to move Government to place the necessary funds at my disposal for the execution of the work.

No. 669-A. From the Examiner of Public Works Accounts, dated 23rd February 1877.

No. 670. ORDER THEREON, 27th February 1877, No. 666.

CIVIL WORKS, No. 53-A.

G.O., No. 138 of 16th January 1877.

Of the sum of Rupees 110 required for repairs to the Santopilly light-house Rupees 22 have been provided in the orders noted in the margin. The balance (Rupees 88) is now transferred from the appropriation of Rupees 897 sanctioned in the above Government Order for repairs to Armagon light-house in the Nellore District.

(True Extract.)

Colonel,

Acting Joint Secretary to Government.

To the Master Attendant, Administrative Department.

" District Engineer, Vizagapatam.

" " Nellore.

" Examiner of Public Works Accounts.

" Marine Department.

Exd. S. T. Austin.

Spare Copies

2-88	1/4 of blackwood	22/2/77	38	10	13
				44	124

DEPARTMENT

NEW WORK.

Estimate No. 79 of 1876-77

TALUQ. *Keinlipatan*

DISTRICT. *Viragapattam*

DISTRICT. *Viragapattam*
Detailed Estimate of the probable Expense for *repairing the Lighthouse at Santapalle*

[illegible]

Cundries & Superintendence 5 Cent 44 10 14
 Total Rupees 238

Cook room

4 11	-	10 4	40	Front & rear walls of room inside
4 10	-	10 4		Side walls do
6 10	-	2 1/2	1 50	Tables both sides
2 26 1/2	-	7 1/2	77	Front & rear walls outside
2 13	-	9 2	54	Side walls do
2 6	-	6	42	Verandah gate ends
3 6	-	6	1 08	Pillars

18 51

0 36

18 40

1 20

2

2 15

2 10

2 10

2 10

2 10

2 10

2 10

2 10

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2 10

2 10

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2 10

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2 10

2 10

2 10

2 10

3 6 1/2 4 0 6

2 6 2 2 15 6

3 5 6 10

4 11

2 10

1 6

Latrine

1 34	-	7 1/2	2 55	Inside of Latrine
42	-	7 2	94	Outside of do
2 9	-	6 1	18	Perimeter wall both sides
	-	6 57		Sp of whitewashing including
	-	1 50		Scraping
	-	1		D of plastering with 1/2
	-	1		Coats of Chumam here & there
	-	1		D of turning tiles with
	-	1		1/4 additional Chumam tiles

Cundries & Superintendence 5 Cent 44 10 14

Total Rupees 98

Asst Superintendence

2 16	-	9 2	18	Front & rear walls inside
2 12	-	9 2	18	Side walls do
2 14 1/2	-	10 3	20	Verandah room do
68	-	8	44	Outside of room do
2 14 1/2	-	7 1/2	61	D of verandah room
4 7	-	5	1 10	Verandah gate ends
5 5	-	9 2	25	Pillars

20 64

90

19 74

3 6 1/2 4 5 1

C.C. 4 5 1

30 45 1 82-8

Sp of plastering with 2 Coats of Chumam here & there 2 6

Sp of turning tiles with additional new pan tiles 4

Cundries & Superintendence 5 Cent 44 10 14

Total Rupees 158

Lighthouse

6 12	-	1 1/2	1 26	Steps
30	-	16	4 50	Front wall outside
12	-	12	1 44	Rear wall do
17	-	15	2 55	Side wall do
2 12	-	7 1	68	Pillar for Light
4 12	-	7 3	86	do do
4 14	-	12 6	72	Inside of rooms
4 10 1/2	-	2	84	D of arch
2 12	-	9 2	16	Arch
2 53	-	3 3	18	Perimeter wall both sides
1 42	-	3 1/2	1 57 1/2	D do do
30	-	3	90	D do do
36	-	9 1/2	3 42	D do do

33 58 1/2

1 20

50

Sp of whitewashing including scraping 3 6

D of plastering with 2 Coats of Chumam here & there 2 6

D of plastering with 3 Coats of Chumam 3 5

Cundries & Superintendence 5 Cent 44 10 14

Total Rupees 128

Grand Total Rupees 110-8

L. J. Overend's Office
 Camp Palcandah
 20th November 1876

Krishnapuram Camp
 2nd January 1877

By Order of C. Ramanna
 Asst. Commr. District

Major R.E.
 District Engineer Vizagapatam

P.W.D.

225377

1889

Charles Edmund
The Executive Engineer
in charge of the
works at Santapilly
Estimate No. 110-8-1

Plastering with
2 coats of chunam

11

Specification to accompany Estimate of the probable cost of repairing the Light House at Santapilly
Estimate Rs 110.8-1

White washing To consist of two coats of shell chunam mixed with congee water and gum. The proportions are for 10 sq. (1 Parah of shell chunam, $\frac{3}{4}$ measure of raw rice, and $\frac{1}{2}$ portions of gum.) The walls should be well scraped of the old white wash before the new is applied.

Plastering with 2 coats of chunam } To consist of two coats a rendering and a floating. In the rendering coat the work is to be prepared by raking out the joints as for pointing and the surface of the work and inside of the joints must be well wet when they are swept clean. The rendering coat to consist of 2 parts of lime and 3 parts of sand. The floating coat to consist of 3 parts of lime to one of fine white sand, and to be ground fine and polished in the usual way.

Plastering with 3 coats of chunam } To consist of three coats, the first to be composed of one part of lime to one and a half of river sand, before applying this coat the joints should be well raked as for pointing and the surface of the work and inside of the joints must be well wet when they are swept clean. The second coat to be composed of one part of lime to one of fine river sand, freed from the coarse particles and from clay by sifting. It should be well mixed and beaten up in a clean trough, and applied over the first coat a quarter of an inch in thickness, the first coat being previously moistened with a little water. The third coat to consist of four parts of lime to one of fine white sand and applied with a wooden rubber to the thickness of $\frac{1}{8}$ of an inch and gently rubbed till it becomes perfectly smooth, after this coat has been applied another coat of a still finer plaster should then be put on consisting of pure lime ground to a very fine paste and afterwards mixed with water in a clean tub, till it is of the consistency of cream. This is put on about $\frac{1}{8}$ of an inch thick with a brush and rubbed

P 27 Feb/91 J.B. & 669

rubbed gently with a towel after which it is to be rubbed with a stone rubber.

The present tiles of the roof will be removed and the flat and pan tiles that are bad be replaced by new ones. The flat tiles to be laid on the rafters with mortar between the joints. The pan tiles are then laid over them in rows touching each other from top to bottom. The pan tiles to overlap not less than $\frac{1}{4}$ of their length, and the overlap to be uniform throughout. A second course of pan tiles then to be laid with their convex sides upwards, and overlapping each other. These to be placed so as to cover the intervals between the rows in the first course. New chumam borders are to be laid on the roof wherever required.

As some of the rafters, roofers and purlins, of the Teak wood Superintendents Quarters are decayed. New ones are provided. These to be of the best seasoned teak wood free from all flaws and cracks or other defects.

On completion of the work all rubbish to be cleared away and the premises to be left in a clean condition.

Virianagram Range Office
Camp Virianagram 2nd January 1877

M.S.
20

Walter de Horsa
Range Officer
Virianagram Range
Major
District Engineer
Vizagapatam

No. 2295
District Engineer's Office
Waltair 10th February 1877

From
The District Engineer
Vizagapatam
To
The Master & Attendant
Administrative Department
Madras

Sir,
I have the honor to forward herewith for sanction an Estimate amounting to Rs. 110 for repairing the Light House at Santapilly and to request that you will be good enough to move Government to place the necessary funds at my disposal for the execution of the work.

I have the honor to be
Sir
Your most Obedt. Servt.
Major
District Engineer
Vizagapatam

Recd

P.W.D.
220377
No. 1880

Amount estimated for
repairs to the Santopilly
Lighthouse

Rs 2295

Order to Rs 1119

from
the District
Engineer
Madras

P. 27th July/77 J.B. Lebbey

ADMINISTRATIVE DEPARTMENT.

MADRAS,

Marine Office,

No. 1326. 21st February 1877.

From

THE MASTER ATTENDANT,

ADMINISTRATIVE DEPARTMENT,

MADRAS,

To

The Secretary to Government,

Public Works Department.

SIR,

I have the honor to submit the accompanying letter from the District Engineer, Vizagapatnam, dated 10th Instant, No. 2295, together with an estimate amounting to Rupees /110-0-0/ one hundred and ten, for repairs to the Santopilly lighthouse, and to solicit the sanction of Government to the latter.

2. The District Engineer requests that the necessary funds may be placed at his disposal. I presume that it is not likely that the whole sum of Rupees /1286-0-0/ one thousand two hundred and eighty six, sanctioned for lighthouse repairs, Imperial, as per G. O. No. 138, 16th ultimo, will be required for expenditure on the lighthouses for which the grant is intended; and, if so, I would suggest that the amount required for Santopilly be allotted

allotted from this source.

3. Early orders are solicited on the matter, so that the repairs may be carried out during the present official year.

I have the honor to be
Sir,

Yours most Obedt Servt

W. May

Master Attendant
Administrative Department

M

N^o 669

2024

quote as date

PORT ST. GEORGE. 26RD. FEBY. 1877.

OF THE SUM OF RS. 110 REQUIRED FOR THE REPAIRS TO
SANTOBY LIGHT HOUSE, RS. 22 HAVING BEEN APPROPRIATED FOR
THE SAME IN G.O. NO. 103 OF 10TH. JANUARY 1877, THE REMAINDER
VIZ. RS. 88 CAN NOT BE TRANSFERRED FROM THE APPROPRIATION
OF RS. 507 SANCTIONED IN THE ABOVE G.O. FOR REPAIRS TO AR-
AGON LIGHT HOUSE IN THE NELLORE DISTRICT AS NO OUTLAY AP-
PEARS TO HAVE BEEN INCURRED ON IT UP TO THE END OF DECEM-
BER 1876.

Donray Gordon

EXAMINER, P. W. ACCOUNTS.

G.O. 14.10.76 No 2753 + 2754
16-1-77 - 138

P.W.D.
22-377
No 1850

Submitted for sanction
and allotment of funds,
an estimate for repairs
to the Sankarajay
Lighthouse.

No. 1326.
Encl: 3.

Dated 21st Feb 1877.

To
The Master Attendant
Madras
The Secretary
to Government
Public Works Dept
Madras
The Secy to Govt
of Madras

1877.

To C
For remarks as to
provision of funds.

W.H.
Ag P.W.
22.2

No 669 - 669

No 666 P. W. Dept
Proceedings of the Madras Government
under date the 27 Feb/77
Read the following:-

From
The Master Attendant
Madras } (H. No 1326 of 21st Feb 1877)

Of the sum of Rs 110
required for repairs to the
Sankarajay Lighthouse,
Rs 22 have been provided
in the orders noted in the margin.
The balance (Rs 88) is now
transferred from the appro-
piation of Rs 897 sanctioned
in the above L.O. for repairs
to Arinagon Lighthouse in
the Bellary District.

Master Attendant, Ad: Dept.
Public Works
Bellary
P. W. Dept.
Madras

Recd Copy Desd - 27-2-77

Desd 5-3-77

W.H.
20.2.77

1877

Subt. of {1877} Madras.
PUBLIC WORKS.

To The Master Attendant

Dated

Issued

Recd.

Encl.

G. O., 27th Dec 1877, No. 666

Nos. 669-70

Santapally Light House.
vizt - The balance of the
sum of Rs 110 required for
repairs to the —, appro-
priated by a transfer.

Santhapally