

(1) Number of pages 14

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.**Government of Madras.***Public Works* **DEPARTMENT.**

G.O. No.

212 (W)Press
~~Mis~~

Dated

22 / 118 77.**Not to be folded or roughly handled**

1X

*Proceedings of the Madras Government, Public Works Department,
22nd January 1877. No. 212.*

No. 412. Read the following letter from T. D. HARRIS, Esq., District Engineer, Ganjam, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Chatterpore, 23rd December 1876, No. 88 :—

I HAVE the honor to submit, herewith, a revised estimate (duly approved by the Master Attendant, Madras,) amounting to Rupees 1,670, and a plan with comparative statement of each item, with the revised and original estimates, for fixing

One Plan.
„ Estimate.
„ Comparative Statement.

a light on the obelisk at the port of Calingapatam.

2. The amount of the general estimate to which sanction has been last accorded is Rupees 900, and the date and number of the order of Government conveying such sanction is G.O., No. 171, dated 25th April 1876.

3. The amount expended up to the 31st October 1876 is Rupees 1,161-3-5.

4. The reason for the excess of each item is fully stated in the remarks column of the comparative statement accompanying.

5. Under these circumstances I request you will be so good as to have the estimate sanctioned at an early date and funds allotted, as the work is completed in the most perfect manner according to the revised estimate, and the light already exhibited.

No. 413. ORDER THEREON, 22nd January 1877, No. 212.

CIVIL WORKS, No. 24.

(a) *Heads of Service.*—Special.
Fund.—Port.
Class.—Original Works.
Main-head.—Miscellaneous Public Improvement.
Sub-head.—B. Aids to Marine Navigation.
Section.—ii. Light-houses.
Name of Work.—Fixing a light on the obelisk at Calingapatam.
Amount.—Rupees 1,670.
To be carried out by the Public Works Department.

UNDER the explanation afforded the revised estimate of Rupees 1,670 for fixing a light on the obelisk at the port of Calingapatam in the Ganjam District, which has been approved of by the Master Attendant, Administrative Department, is sanctioned in lieu of that of Rupees 900 sanctioned in G.O., No. 171, dated 25th April 1876.

2. The Marine Department will be requested to authorize the Accountant-General to place at the disposal of the Public Works Department Rupees 770 from Port Funds, in addition to the sum of Rupees 900 authorized in G.O.,* No. 134, of the 6th April 1876.

* Marine Department.

3. This sanction has been registered as Special No. 55—W. of 1876-77, and cancels Special No. 5—W. of the current year.

(True Extract.)

To the District Engineer, Ganjam.
„ Examiner of Public Works Accounts.
„ Marine Department.

Exd. S. T. Austin.
Spare Copies

Major-General, R.E.,
Secretary to Government.

(a) Heads of Service *Special*
Fund. *Port*
Class. *Original Works*
Main-head. *Miscellaneous Public Improvements*
Sub-head. *S. Aid to Marine Navigation*
Section. *ii Light Houses*
Name of Work. *Fixing a light on the obelisk at Calingapatam.*

Amount. *Rs 1670*

To be carried out by the *P. W.* Department.

Print in the margin of G. O. No 212 of 22/1/77-

Prov. Service. Detailed Estimate No. of 1876-77
Marine Dept. Calingapatam District
Original work. Talug Chicaele Port Trust
Village Calingapatam
Revised Estimate for fixing a lantern on the top of the Obelisk at Calingapatam.

Particulars	Measurements	Cubic ft.	Centals	Cy & Sq.	Square yds
Rubble at bottom of concrete	1 9 9 3/4	60 3/4	on 2 1/4		
Concrete blocks	4 4 4 1/2	4 1/2			
Foundations to Buttresses	1 9 9 5/2	44 5/2			
Buttresses above	1 8 6 1/2	57 2			
Rough stone in Chumam Cys	1 8 5	40			
Plastering to Buttresses	1 8 11	88			
	2 6 1/2 8	104			
	1 8 7	56			
Plastering Squares		288	on 2 88/100		
Cut stones for fixing rope ladder to Buttresses	3	3			
Corner Cut stones	8	8			
Cut stones for constructing slab form for fixing lantern	45	45			
S. L.	5	5			
Teak wood post 15 ft long for fixing lantern	1	1			

Mounds of iron for gangways man rope, stanchions &c	1			1
lbs of copper for bolts for ladder	42			42
Mounds of lead	4			4
3 shakles and 3 thimbles for connecting shrouds	3			3
Gallons Tar	10			10

Plastering				
Columns for a height of $13\frac{3}{4}$	4	$10\frac{3}{4}$	$2\frac{1}{2}$	$102\frac{1}{2}$
Do from $13\frac{3}{4}$ to 12	4	9	$10\frac{1}{3}$	399
Do do 12 to 15	4	$11\frac{1}{3}$	$2\frac{1}{2}$	112
Do do 15 to 60	4	$7\frac{1}{2}$	45	1350

Total Sqr of Plastering $1963\frac{1}{2}$ 19.63

Painting Columns
Painting Columns side plastering
for detail

Blue painting Capital beading Top step	4	$10\frac{1}{2}$	$\frac{1}{2}$	63
Second Do	4	9	$\frac{1}{2}$	54
Third Do	4	$\frac{15}{2}$	$\frac{1}{2}$	45

Total Sqr of Painting 163 1.63
Contingencies

Chicaole Range &
Office Camp Har-
bunpetto 17th Sept 1906

Signed L. R. Leggatto Esq
Executive Engineer

J. R. Ravi
District Engineer, Ganjam

Prov. Service Abstract Estimate No. of 1876-77
Ganjam District
Taluk Chicaole
Village Calungapattam
Revised Estimate for fixing a lantern on the top of the
shak at Calungapattam

Quantity	Description of charges	Rate	Amount	Total
$2\frac{1}{4}$	Cyds Rubber concrete percy	1.8	3.6	✓
4	Concrete blocks	2	8	✓
$17\frac{37}{54}$	Cyds roughening in chunam percy	2.4	84.12	84.12 ✓
$2\frac{88}{100}$	Sqr of Plastering - percy	2	5.72	5.72 ✓
3	Link stones for fixing wire rope, ladder, & buttresses	3	9	9 ✓
	Removing sand		25	25 ✓
	Do. Aldrich		2	2 ✓
8	Corner cutstones	4	32	32 ✓
45	{ Cutstones for constructing plat forms for fixing lan- tern on	2	90	90 ✓
5	Do. Do. Do.	3	15	15 ✓
1	{ Teak wood post 15 ft long for fixing lantern to		20	20 ✓
4	{ Mounds of iron for gangways man rope stanchion percy	4	16	16 ✓
42	lbs of copper for bolts for	1	42	42 ✓
4	Mds of lead per mound	5	20	20 ✓
	Wood for railing to ladder		20	20 ✓
3	Shakles & 3 thimbles for shrouds	3	9	9 ✓
10	Gallons Tar	2	20	20 ✓
	Teak wood house for lantern fitted with galvanized iron roof pane &c with brass or copper fastenings with canvas curtains & painting &c		250	250 ✓

(True Copy)

D. K. S. D. K. S.
District Engineer
Gangau

Lascars Labor 50
Cooly labor to assist lascar 50
Mach, fcar, spars, for
setting the guys 200
Rent for spar to Captain
Harley for 5 ributts @ 20 100
19.63 Blasting & fine polishing
with well prepared Cement 98 25
19.63 Painting column with 3
coats of Carsons white
paint 98 25
1.62 Carsons blue paint for
Capital heading 8 17
Rope & blocks & from Madras 105
Cartage hire for cutstones
from Custom house to the
obelisk 8
Amount as per bill
(Marine Department)
sent to Government for
sanction 128
Contingencies per cent 10 14 10 9

Total Estimate Rupees 1070

I do hereby certify that the accompanying
estimate provides for every thing necessary and
that no supplemental estimate will hereafter be
required.

Chicaole Range
Office Camp Nainampeta
17th September 1876
Signed G. R. Legatte Esq
District Engineer
Gangau
True

P.W.D.
17 JAN 77
No. 401

Amount required
sanctioned - Rs 120

Rs 1670

Work. Revised Estimate.
for giving a double
on the top of the
electric at Calicut station

Rs 1670
Rs 2149
Rs 1176 & the
proceeds

Balance Rs 1670
Rs 2149
Rs 1176 & the
proceeds

No. 88

District Engineer's Office.

GANJAM. Chittagong
23 December 1876.

FROM

THE DISTRICT ENGINEER,

GANJAM.

TO

THE Secretary to Government

P. D. D
Kharas.

SIR,

- 1 Enclosure. 2
- 1 Plan
- 1 Estimate
- 1 Comparative Statement
- 3

I have the honor to submit here
the revised estimate (duly approved by the
Sanctioning Officer at Kharas) amounting to Rs 1670
for the comparative statement of each item
with the revised and original estimates for
giving a light on the electric at the post
of Calicut station.

The amount of the general estimate
to which sanction has been last accorded
is Rs 900 and the date and number of
the order of Government conveying such
sanction

12

... ..

1000

11-11-61

most Obedt. Servant

10.7.18

Plumbing Engineer

Go to 12/1-9 5-2 5-75
bus 1/1-9-25-4-76

P.W.D:
17 JAN 77
No. 401

17*

From

The District Engineer
GANJAM.

To

The Secretary
G.P.O.

No. 88

Dated 23 December 1976
Dispatched 4/1 January 1977
Received

Enclosure 3

Submitting Officer's Office
Place par to the Division

On 20/12/76 &
a place with Comptroller
Statement of each item
for giving a light on the
details at the post of
Calingspaderam for
approval & sanction

No. 412 -

See 20-1-77/22-1-77.

Embaine, Walter 1888
of 23rd Dec 1888 to the
Secretary of John M.D.

Enclosure to 29.2.14 of
15th Nov 1888 to the
Marble Island
Maggery
17 JAN 77
No. 109

Comparative
Statements

Mr. J. E. G. 1888, Jan 177
No. 212

Cir

No 212

Civil Works
Public Works Department

PROCEEDINGS OF THE MADRAS GOVERNMENT

Under date the 22nd June 1877
Read the following:

From

The District Engineer
Pangaim

(H.E. No 88 of 23rd Dec 76)

Under the explanation
afforded the revised
estimate of Rs 1640 for
fixing a light on the
obelisk at the Port
of Calangapatam in
the Pangaim district
which has been ap-
proved of by the
Master Attendant
Administrative De-
partment is sanc-
tioned in lieu of that
of Rs 900 sanctioned
in G.O. No 141 dated
25th

25th April 1876 -

The Marine Depart.
ment will be requested
to authorize the Accountant
General to place at
the disposal of the
Public Works Depart.
Rs. 470. from Port Lands
in addition to the sum
of Rs. 900 authorized
as Art. 134 of the
6 April 1876.

+ Marine Dept.

W. H.
10.1.77
This sanction has been
registered as Special
No. 58 of 1876-77 and
canceled Special No. 57
of the current year.

J. R. Ferguson
Ex. H. A.
Marine Dept.

Ms. No. 31-1-77

Page 20-1-77

Govt. of 1877 Madras

PUBLIC WORKS.

To

Mr. H. S. Gangaiah

Dated

Issued

Recd.

Encl.

G. O., 22nd July 1877, No. 212

Nos. 412-413

*Order to the Port at
Calicut, for the
Port — Revised Estimate
of Rs 1645 for fixing a
light on the — sanctioned*

W. H. P.