

(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.	407	Press
144, 145,		Mis.
Dated	6-2-	1873.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
6th February 1873.*

No. 144. Read the following letter from the Officiating District Engineer, Bellary, to the Secretary to Government, Public Works Department, dated Camp at Pathakacheruvu, Ghooty Taluq, Bellary District, 18th January 1873, No. 2,306:—

I HAVE the honour to forward, for the sanction of Government, a second comparative statement for the work "providing lightning conductors to the barracks at Ramandroog."

2. The original estimate for Rupees 4,550 for this work was sanctioned in G. O., No. 272, dated 29th January 1869, and a revised estimate, amounting to Rupees 5,635, in G. O. No. 1,305, dated 12th May 1871. The comparative statement now submitted exhibits an excess of Rupees 1,000 (about 17½ per cent.) over the revised estimate. Mr. Montserrat attributes this excess to the omission of the undermentioned items of copper sheeting in the revised estimate:—

- 1.—Copper sheeting to run over the cornice at the corners.
- 2.—Do. do. around the chimneys.
- 3.—Do. do. to connect the sheetings with one another.

An extra quantity of copper sheeting, 455 running feet, is said to be required for the above works, for which a rate of Rupees 1-2-10 per running foot is entered in the comparative statement (an increase of Annas 2-6 over the rate Rupees 1-0-4 sanctioned for the item in the revised estimate), and is the rate at which the Public Works Stores last supplied the sheeting in 1871-72.

3. I have not inspected the work, and am therefore not prepared to give an opinion on the subject. It appears to me however that want of experience and care on the part of the Range Officer in the preparation of an estimate for a work of this description must be accepted as the reason why a second comparative statement is needed.

4. I may add, in conclusion, that the completion of the work, which was commenced in 1869-70, has already been long delayed. Application for the amount required will be made in the statement of savings and demands about to be submitted to Government, and if sanction is accorded at an early date the work will be completed within the current official year.

No. 145. ORDER THEREON, 6th February 1873, No. 407.

MILITARY WORKS, No. 13.

THE further excess of Rupees 1,000 for this work is accounted for partly by omission of 455 running feet of copper sheet and partly by an extra rate of 6 pies on the length originally estimated for, and 2½ annas on the remainder; also by a return to the old rate for copper nails on which a saving was shown in the first supplemental estimate in addition to the extra quantity required; an extra charge is also made for rivetting.

2. The above omissions should have been checked in the office of the Superintending Engineer on submission either of the first or second estimate. As, however, it is desirable that the buildings should be properly protected without

Submitted for audit and signature of Mr. Montserrat
1873

Proceedings of the Madras Government, Public Works Department,
6th February 1873.

further delay, His Excellency the Governor in Council sanctions the excess and directs that the work be proceeded with in anticipation of a specific allotment of funds, but the District Engineer will take an early opportunity of inspecting the work and of affording an express assurance of the necessity for the additional expenditure, which, it is observed, he has declined to give in the above letter.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

No. 2306.

District
Superintending Engineer's Office.
3rd-Division.

Camp *Chinnai*, *2-5* Talook

Sellary District.

The *18* January 18*73*.

From,

District
The Superintending Engineer

3rd-Division.

To,

The Secretary to Government

Sellary

Public Works Department

Fort Saint George.

Enclosures.

Sir,

I have the honour to forward
for the sanction of Government, a
second comparative Statement for the
work, *Lighting Conductors*
to the *Manorathal Ramand-roog*—

2. The original Estimate for Rupees
11550 for this work was sanctioned in
G.O. No. 104 dated 24th January 1869 and
a revised Estimate amounting to Rupees
5650 in G.O. No. 1305 dated 10th May
1871. The comparative Statement now
submitted exhibits an excess of Rupees
10000

[illegible]

1. Copper - mostly in the form of malachite
at the bottom of the mine.

2. *Capp. luteum* - *capitulum*.

*The above is a copy of the original
with one correction.*

2. Indicated quantity of copper. 100 g.

10.5. 11 feet in diameter. 17' across top.
along middle.

above mentioned parties
1-2-10 per B. & L.

1-2-46 for R. gl. ...
- for ...

1. *Phragmites* (Common)
 2. *Scirpus* (Common)
 3. *Cyperus* (Common)
 4. *Eleocharis* (Common)
 5. *Sagittaria* (Common)
 6. *Najas* (Common)
 7. *Chara* (Common)
 8. *Alisma* (Common)
 9. *Sparganium* (Common)
 10. *Hydrocotyle* (Common)

[illegible]

For the item "The ..."

is the most common one.

I have seen many others.

Stated last night

2. The

an therefore

of the ...

100-443887-100

100

[illegible]

and are on the part of the Gas
Company the propriety of the
estimate given with of this company has
been accepted and the necessary
arrangements for other stations if
needed

11. I may add in conclusion, that a
completing of the post office was com-
menced in 1849, & has already been
very largely a Application for the in-
crement required, will be made in the
States out of Texas and Germany
which is in the old Government,
if such an account at any time
doubtless is in complete relation
in a most efficient manner.

There are several to be
seen.

James Alfred McMillan

Attn. Eugene. (C)

Offg. District Agent

P. O. 18
 From,

To, 3rd Division.

Public Works Department.
Fort Saint George.

No. 12.

Dated _____
Received _____ 18__

I am the worst fellow
 for forgetting anything
 to the last a letter at
 least exists as you

Feb. 1793

Comparative Statement Showing the Original Estimate Quantities and Rates for putting up Lightning Conductors to all the inhabited Buildings at Ramandree and work remaining to be done and excess or saving upon such item of Original Estimate.

Comparative Statement sanctioned by Government on 12th May 1872.

Work done Work remaining to be done

Comparison between the Columns of 14

Explanation of differences and Remarks

Quantity	Description	Rate	Amount	Total	Quantity	Rate	Amount	Total	Quantity	Rate	Amount	Total	Quantity	Rate	Amount	Total
1		2	4	5	6	7	8	9	10	11	12	13	14	15	16	17
3306	Refut Copper rod 1 inch diameter for Conductors	1.96	100.66	100.66	1.96	100.66	100.66	100.66	1.96	100.66	100.66	100.66	1.96	100.66	100.66	100.66
3306	Refut Copper Sheet 3/2 x 1/8	2.43	377.74	377.74	2.43	377.74	377.74	377.74	2.43	377.74	377.74	377.74	2.43	377.74	377.74	377.74
3306	Refut Copper railing 1 inch long	2.10	591.44	591.44	2.10	591.44	591.44	591.44	2.10	591.44	591.44	591.44	2.10	591.44	591.44	591.44
1400	Shipping plaster & replastering	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
2800	Explo 100% Explo 100%	25.14	25.14	25.14	25.14	25.14	25.14	25.14	25.14	25.14	25.14	25.14	25.14	25.14	25.14	25.14
2800	Refilling do	25.14	25.14	25.14	25.14	25.14	25.14	25.14	25.14	25.14	25.14	25.14	25.14	25.14	25.14	25.14
3306	Smith's hire for rivetting	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13
	Labor for putting up	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	Cartage 3 Carts	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
	Railway fare and Cart hire	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
	for Copper rod & Copper Sheet	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
	Sundries	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21

The excess is due to the extra quantity of Copper Sheet required for the conductors in the Residency, P. W. Street - 1869 - 1870. The Copper Sheet was supplied at the rate of 1.96 per foot and in 1871/72, 2.43 per foot were supplied at 1.96 per foot. The Comparative statement was prepared having the former rate as a guide.

The excess in this item also is due to the same reason in 1869/70. The rails supplied by P. W. Street - 2-10 per foot and those sent in 1871/72 cost 3-11 per foot.

The rate was found insufficient as the soil was for the most part Rocky.

The rate 2- per foot is insufficient it was entered in the Estimate from the absence of a proper data as to the actual quantity of labor the item would consume - this work being the first one of the kind in the Range.

Required for the work remaining to be done.

Report made at office 28th November 1872

Attn: Engineer. (S. R. E.)
Offg. District Engineer
Ballaary

H. M. Montserrat
Assistant Engineer

N^o ~~288~~ ⁴⁰⁷ P. h. d.

Proceedings of the Madras Court
under date the 6th Feb^y 1861

Read the following:-

From

The District Engⁿ

Bellamy

(H. E. & 23069/18 Jan 1/73)

The further excess of Rs. 1,000 for this work is accounted for partly by omission of 4.55 running feet of copper sheet and partly by an extra rate of 6 pice on the lengths originally estimated for, and $2\frac{1}{2}$ annas on the remainder. also by a return to the old rate for copper nails, on which a saving was shown in the first supplemental

Dr. 432/73-

Seems satisfactory
for the amount required
to complete the work
of the year.
I have no objection
to the work of the year
being done as it is
done.

supplemental estimate
in addition to the
extra quantity required.
an extra charge is also
made for rivetting.

The above omissions
should have been
checked in the office
of the Superintending
Engineer on submission
either of the first or
second estimate. (And
His Excellency the
Governor in Council
is not disposed to
sanction any further
expenditure without
express assurance
of its necessity, which
it is observed that

I would not delay any
further in completing
the work. We shall look
very foolish if the
harbour is struck
by lightning -

ML

As however it is desirable
that the buildings should
be properly protected without
further

further delay, His Excellency the Governor in Council
sanctions the excess and
directs that the work be
proceeded with in an-
ticipation of a specific
allotment of funds, but the
District Engineer will take
an early opportunity of
inspecting the work and
of affording an express
assurance of the necessity
for the additional ex-
penditure, which it is
observed he has declined
to give in the above letter.

~~the District Engineer declines to give.~~

G.M.W.

G.M.W.

District Engr. Bellamy.
Supy. Engr. for Buildings
" Controller
Only Dep't.

Re - S dep't only to Engr - 7/2/73.
P-C - till 18/2/73.

2 complete in 1

1038/7: R. 4-2-73

Op 432 ✓
✱

Govt. of 1873 Madras.

PUBLIC WORKS.

The District Engineer
Bellary

Dated

Recd.

Encl. /

G. O. *of* 1873, No. 407.

No. 1141/145

Baracks at Ramandrap.

Further except of Rs:
1000 over estimate for
cutting up lightning
conductors at the Bar-
acks at Ramand-
rap, sanctioned with
Remarks.