

- (1) Number of pages _____
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MADRAS RECORD OFFICE

Government of Madras

Public works

DEPARTMENT

G.O. No.	2119	Press
B.P. No.		Mis.
46-48		
Dated	3-8-1874	195.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
3rd August 1874.*

Read the following letters :—

No. 46. From Captain H. M. VIBART, R.E., District Engineer, Bangalore, to Colonel G. W. WALKER, R.E., Chief Engineer, Public Works Department, dated Bangalore, 19th May 1874, No. 34.

I HAVE the honor to forward herewith a comparative statement showing the difference between the sanctioned estimate and work actually executed in converting the old Canteen in the lower Infantry Square into a Lecture Hall at Bangalore.

2. The reasons for excess of expenditure are given in the column of remarks.
3. The amount requiring sanction is Rupees 585, exclusive of Rupees 3,870 already sanctioned.

No. 47. From the same Officer, dated Bangalore, 3rd July 1874, No. 61.

IN reply to your memorandum, No. 377, dated 29th May last, I have the honor to furnish further explanation regarding the excess of Rupees 585, on the estimate for converting old Canteen in the lower Infantry Barracks at Bangalore into a Lecture Hall for garrison instruction.

No register of works was kept with reference to the above, as the original estimate was under Rupees 2,500, but when the roof was dismantled it was discovered that the original estimate was quite inadequate to the work required, and a second was framed, amounting to Rupees 3,870. No sub-heads having been kept, it is therefore impossible to give any other than an approximation as to the causes of excess; but the following items of extra work will, it is believed, fully account for the item lumped as sundries at 15 per cent. :—

Scraping and removing layers of whitewash, which had accumulated probably during the last half century, 129 squares.

Dismantling tops of walls.—More work than anticipated on this item owing to the rotten state of the walls, and their being shaken by removal of roof timbers; a proportionate increase in rebuilding the same.

Rebuilding parapet walls.—This item altogether omitted in estimate. 398 cubic feet of brick in chunam at Rs. 0-2-9 = 68-6-6.

Converting doors to windows.—A much greater amount of labor and material on this item than as per estimate; many of the door frames and shutters were found, when taken out, to be in much worse order than at first supposed.

The cost of iron for the twelve windows was Rupees 98-12-0, whereas the amount allowed was Rupees 120 only for the whole work; 24 cubic feet nett of teakwood, at Rupees 3-8-0 per foot = 84 Rupees, was also used extra.

In roofing, 10 cubic feet of teakwood extra had to be used. Fixing windows in doorways and building up sills with brick in chunam. Only Rupee 1 allowed for each, or Rupees 16 for the whole, whereas 8 cubic yards of brick in chunam and $2\frac{1}{2}$ squares of plaster were executed, showing the cost to be Rupees 43-4-0.

No. 48. ORDER THEREON, 3rd August 1874, No. 2,119.

MILITARY WORKS, No. 3.

THE excess of Rupees 585 over the revised estimate of Rupees 3,870 for converting the old Infantry Canteen into a Lecture Hall at Bangalore, is sanctioned.

Proceedings of the Madras Government, Public Works Department,
3rd August 1874.

2. But His Excellency the Governor in Council must remark that as the revised estimate, Rupees 2,805, in excess of the original sanction was reported to have been prepared after the building was unroofed and carefully examined, the further excess incurred is not creditable to those who prepared the revised estimate.

3. Moreover, that estimate having been sent in on the 14th April 1873, with the full intention of its superseding the original, and Rupees 146 only having been spent up to the 1st of that month, it is not evident why no register of works was kept, which is given as the reason why only an approximation as to the causes of excess could be made.

4. Due credit is given to the District Engineer for the pains he is taking to improve the system of carrying out work at Bangalore; but the departmental system in itself has no inherent superiority over the contract system. Success in working with either depends entirely on the accuracy with which certain essential conditions are attended to; and this does not appear to have been done in the present case.

(True Extract.)

No. 34

DISTRICT ENGINEER'S OFFICE.

Bangalore 19th May 1874.

From

The District Engineer

Bangalore

To.

The Chief Engineer
Public Works Dept
Madras

Sir

I have the honour to forward herewith a Comparative Statement showing the differences between the sanctioned Estimate & work actually executed in converting the Old Ambala in the Lower Suburb of Bangalore into a Lecture Hall at Bangalore -

The reasons for excess of expenditures are given in the column of Remarks -

The amount requiring sanction is Rupees 585 inclusive of Rupees 3870 already sanctioned -

I have the honour to be

Yours most obedt servant.

Henry Robert Captain &c
District Engineer Bangalore

No. 61

DISTRICT ENGINEER'S OFFICE.

Bangalore 3 July 1874
Depd 4

From

The District Engineer,

Bangalore.

To

The Chief Engineer

Public Works Department.

Madras

SIR,

* 14/2/74

In reply to your Memorandum No 344 dated 29 May last, I have the honor to furnish further explanation regarding the excess of Rupees 585 on the estimate for converting Old Cantonment in the Lower Infantry Barracks at Bangalore into a Lecture Hall for Garrison instruction.

No register of works was kept with reference to the above, as the Original Estimate was under Rupees 2500, but when the roof was dismantled, it was discovered that the original estimate was quite inadequate to the work required and a second was framed amounting to Rs 3840

From 1874 Madras 5.
1874 July 14. 1874
1874 July 14. 1874
1874 July 14. 1874

AND DISTRICT ENGINEER

Bangalore

Dated

19th May 1874

Received

20th May 1874

No. 34

Enclosure 1

The Chief Engineer
S. P. W. Madras

21/5/74
1874

Confidential
1874

1874

1874

1874

1874

No sub-heads having been kept,
it is therefore impossible to give
any other ~~but~~ ^{than} an approximation
as to the causes of excep; but
the following items of extra work
will, it is believed, fully account
for the item lumped as sundries
at 15 percent.

Scraping and removing layers
of whitewash which had accu-
mulated probably during the
last half century, 129 squares.

Dismantling tops of walls.
More work than anticipated
on this item, owing to the rotten
state of the walls, and their
being shaken by removal
of timbers; a proportionate
increase in rebuilding the
same.

Rebuilding parapet walls.
This item altogether omitted
in estimate. 398 Cft of brick in
Chunam at 0-2-9 = 68-6-6

58
Converting doors to windows.

A much greater amount of
labor and material on this
item than as per estimate;
many of the door frames, and
shutters were found when
taken out, to be in much
worse order than at first
supposed.

The cost of iron for the 12
windows was Rs 98-12-0 where-
as the amount allowed was
Rupees 120 only, for the whole work;
24 Cft. net of teakwood at Rs 3-8-0
per foot = 84 Rs, was also used
extra.

In roofing, 10 Cubic feet of
teakwood extra had to be used.
Fixing windows in doorways and
building up sills with brick
in Chunam. Only Rupees 1 allow-
ed for each or 16 Rupees for the
whole, whereas 8 Cubic yards
of brick in Chunam, and 2 1/2
Squares

I have the honor to be...

Sir
Your most Obedt. Servant
Henry M. Webb
Captain R.E.
District Engr. Bangalore

Dear Mr May 18th Sept 1873
 Rev. J. H. Ward
 Irvine N.Y.
 The Great Escarpment
 of Scenographic
 Lo Shu Chieftain
 S.P.W. Ward as
 dated July 1873
 Rev - 6 - "

& furnishes further
 explanation regarding
 the excess of 180883
 on the estimate for
 converting old Plant
 to new duty type
 G.O. no. 2119 3-20-74

Opel.
ausgegeben 1871

Public Works Department
Proceedings of the head Government
Read the following
Thompson 2119

The Sr Engineer
Bangalore (R.C. 34 dated
19 May 1874)
Do do (R.C. 61 dated
4th July 1874)

The excess of Rs.
505 over the revised estimate of Rs. 3070 for converting the old Infantry Barracks into a Lecture Hall at Bangalore is sanctioned.

But His Excellency
the Governor in Council
must remark that as the
Revised

Revised Estimate, No. 2815
in excess of the original
sanction, was reported
to have been prepared
after the building was
unroofed and carefully
examined; the further
excess incurred is not
creditable to those who
prepared the revised
estimate.

Moreover, that
estimate having been
sent in on the 14 April
1873 with the full
intention

intention of its super-
ceding the original;
and Rs. 146 only having
been spent up to the
1st of that month it
is not evident why no
Register of work was
kept, which is given
as the reason why only
an approximation as
to the causes of excess
could be made.

Due credit is given
to the D^r Engineer for the
pains he is taking to
improve

improve the system
of carrying out work
at Bangalore. But
the Departmental sys-
tem in itself has no
inherent superiority
over the contract sys-
tem. Success in working
with either depends
entirely on the accu-
racy with which
certain essential con-
ditions are attended
to; and this does not
appear

appear to have been done
in the present case.

G.M.

To the S. Co. Bangalore ✓
" Controller ✓
" Military Dept ✓
J. Copies del'd 10/8/74.

C/No. 2989, 4093
Govt. of Madras.
PUBLIC WORKS.

To

The Dist. Super
Bangalore

Dated

Recd.

Encl. / 1

G. O. Bangalore, No. 2119

Nos. 45-48.

Lecture Hall at Bangalore.

The receipt of Rs. 585 over the
revised Est. of Rs. 3870 for
converting the old Infantry
Canteen into a Lecture
Hall, sanctioned with
remarks.