

(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.
B.P. No.

1937

Press
Mis.

Dated

4-8-195

C276
195

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
4th August 1876. No. 1,997.*

No. 96. Read the following letter from Lieutenant-Colonel R. B. KENNEDY, Special Executive Engineer, Wynnad, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Luckadie, 13th June 1875, No. 479 :—

I HAVE the honor to request that I may be permitted to strike off from my stock list the following articles, viz. :—

	RS.	A.	P.
52,800 Table-made bricks, at 12 Rupees per 1,000	633	14	9
44,000 Flat tiles at 4 " " 1,000	176	0	0
25,000 Pan tiles at 5 " " 1,000	125	2	9
612 Bushels of shell, at 8 Annas per bushel	306	14	5
620 Do. of chunam, 22 Rupees per 20 bushels	631	2	6
Total	1,930	2	5

2. The losses have occurred through wastage and deterioration from exposure to weather during a period extending still forthcoming, but all more or less over nine years. In the case of the bricks it was due to their inferior quality, which prevented their use for any departmental work; no opportunity occurring for their being used on any of little consequence, they have been kept on the stock list in which they were originally entered, and have now become quite useless for any purpose.

3. The flat tiles were manufactured in 1867 and 1868 when several buildings were in course of construction, and it was intended to use them in conjunction with pan tiles; but experience having shown that that description of roof could not be made impervious to the heavy Wynnad monsoon, they have never been used, and, after having been stored for so long a period, have for the most part been broken or otherwise destroyed.

4. The pan tiles have also suffered from breakage and deterioration by exposure to weather.

5. With regard to the shell, it was purchased at Calicut as far back as 1867 by Lieutenant Shepherd, when that officer was in charge of the Vythery Range; but, owing to the failure of the Carrying Company to fulfil their contract of delivery, the shell was left at various places between Tambiercherry and Luckadie, and it was a considerable time before it was collected at the latter place; the quantity given is that which was originally purchased, and represents the value set opposite to it, but heavy loss was experienced before it was all collected, so that, although the value shown is what was actually expended, the quantity obtained was very much less; a portion was used for various works, and charged accordingly; but it was found that burning the shell up here was, owing to the high rate of labor, less economical than obtaining it ready burnt on contract, and the balance of it was never used; very little of it is now forthcoming, and what there is is so mixed up with dirt as to be quite useless.

6. The chunam which is asked to be struck off was also purchased several years ago; it is bought packed in date mats, and very liable to wastage unless used

*Proceedings of the Madras Government, Public Works Department,
4th August 1876. No. 1,997.*

at once; most of this was purchased just at the close of a working season, as carts are difficult and expensive to get just at the close of the monsoon; the object was to have the chunam ready for use as soon as building operations recommenced; unfortunately our means of storage, till within the last year, were most defective, and through this want, the chunam got wet and spoiled.

7. All the above are materials that have for a long time been on the stock list; but now that I have adopted the course of only purchasing materials for the particular work for which they may be required, and in such quantity as may be quickly used, the chances of loss are thereby very small, and can only take place through unavoidably accidental causes; and though I regret to have to come to Government to ask for these stores to be struck off, I trust it will be remembered that the loss is spread over so long a term nearly nine years, and is not at all likely to be repeated.

No. 97. From E. H. PRINGLE, Esq., Acting Special Executive Engineer, Wynaad, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Luckadie, 28th June 1875, No. 527.

THERE is so much that is explanatory involved in a reply to your memorandum, No. 95, dated 19th June 1875, and which cannot be given satisfactorily by any one less well acquainted with the progress of Public Works in Wynaad than Colonel Kennedy, that I have the honor to beg that the matter may lie over until the return of that officer.

2. The transactions have extended over nine years, and it would occupy the diminished staff of my office for a very long period to obtain all the facts wanted, with the chance that the lack of completeness of the information might draw censure when it was not merited.

No. 98. From Lieutenant-Colonel R. B. KENNEDY, District Engineer, Malabar, to Major-General G. W. WALKER, R.E., Chief Engineer, Public Works Department, dated Calicut, 19th June 1876, No. 70.

Reference Memorandum, No. T. 408, dated 16th June 1876.

With reference to above and the correspondence to which it relates, I have the honor to inform you that the bricks in question were manufactured by Sappers, assisted by cooly labor, between the years 1866 and 1869; and, as far as my memory serves me, I believe that their inferior quality was due in the case of some of these bricks to the best stratum of clay having been worked out before the full number for a kiln had been completed, and the continued use, without report, of the inferior clay; and in the case of the rest to heavy rain while in process of burning.

2. The Sappers were working under their Non-commissioned officers; but who these latter were, or to what company they belonged, I am quite unable to say.

No. 98-A. From the same Officer, dated Calicut, 25th July 1876, No. 86.

Reference, No. 1,037, dated 6th July 1876.

In continuation of my letter, No. 70, dated 19th June 1876, I have the honor to state that the orders for the manufacture of flat tiles could only have emanated from

*Proceedings of the Madras Government, Public Works Department,
4th August 1876. No. 1,997.*

me, and I have no other explanation to give; but that in directing their manufacture I had no other idea but that of adopting the kind of roof that proves efficacious elsewhere, and which experience had not then taught me was not sufficiently water-proof for Wynaad.

2. With respect to the lime, the reason for ordering it is given in paragraph 6 of my letter, No. 479, of 13th June 1875, and as regards the means of storage we had for years to put up with common sheds, always damp and subject to destruction during monsoon storms; nevertheless so much pressure was then put on us at that time to get work done, that the risk of deterioration had to be run rather than the certainty of delay in work: nor was this the only way in which great loss to Government ensued as a consequence of this high pressure system; notably was it so in the case of artificially high rates.

No. 99. ORDER THEREON, 4th August 1876, No. 1,997.

ACCOUNT, No. 7.

THERE seems no alternative but to direct the value of the articles to be written off to "Profit and Loss," which is accordingly authorized.

(True Extract.)

Colonel,

Offg. Under Secy. to Govt., P.W.D.

To the District Engineer, Malabar.

„ Examiner of Public Works Accounts.

Ed. E. C. Shunker.

Spare Copies

No. 479

Special Executive Engineer's Office
Lucknow, Wynaad, 13th June 1875.

From

Lt Colonel R. B. Kennedy,
Special Executive Engineer,
Wynaad,

To

The Secretary to Government,
Public Works Department,
Madras.

Sir,

I have the honor to request that
I may be permitted to strike off from
my stock list the following articles.

viz. 52,000 Table made Bricks, @ 12 Rs. per 1000 — 622-14-9.

44,000 Flat Tiles @ 4 Rs. per 1000 — 176-0-0.

25,000 Pan Tiles @ 5 Rs. per 1000 — 125-0-0.

612 Bushels of Shell @ 8 Rs. per bushel — 4896-0-0.

629 No. of Chumam, 22 Rs. per 20 lbs. — 691-2-6.

Total Rs. 1930-2-5.

2 The losses have occurred through
wastage, & deterioration from exposure
to weather during a period extending
over 9 years. In the case of the Bricks

it was due to their inferior quality,
which prevented their use for any De-
partmental work no opportunity occur-
ing for their being used on any
of

N.B. A considerable
number of these are still
forthcoming, but
all more or less
damaged &
useless.

of little consequence they have been kept on the stock list in which they were originally entered & have now become quite useless for any purpose.

3. The Flat Tiles were manufactured in 1867 & 1868 when several buildings were in course of construction, & it was intended to use them in conjunction with pantiles; but experience having shown that that description of roof could not be made impervious to the heavy Monsoon, they have never been used; & after having been stored for so long a period have for the most part been broken, or otherwise destroyed.

4. The Pan tiles have also suffered from breakage, & deterioration by exposure to weather.

5. With regard to the Shell, it was purchased at Calicut as far back as 1864, by Lieut. Shepherd, when that Officer was in charge of the Veterinary Range, but owing to the failure of the carrying company to fulfil their contract of delivery the shell was left at various places between Tan-berchery & Luckradie, & it was a

Considerable

considerable time before it was collected at the latter place; the quantity given is that which was originally purchased, and represents the value set opposite to it; but heavy loss was experienced before it was all collected, so that although the value shown is what was actually expended, the quantity obtained was very much less; a portion was used for various works, and charged accordingly, but it was found that burning the shell up here was, owing to the high rate of labor, less economical than obtaining it ready burnt on contract; & the balance of it was never used: very little of it is now forthcoming, & what there is, is so mixed up with dirt, as to be quite useless.

6. The Chunam, which is asked to be struck off, was also purchased several years ago; it is brought packed in slate mats, & very liable to wastage unless used at once; most of this was purchased just at the close of a working season, as carts are difficult & expensive to get just at the close of the Monsoon; the object was to have the Chunam ready for use as soon as building

building operations recommenced; un-
 fortunately our means of storage, till
 within the last year, were most in-
 effective, and through this want, the
 chunam got wet, and spoiled.

4. All the above are materials
 that have for a long time been on the
 stock list: but now I have adopted
 the course of only purchasing materi-
 als for the particular work for which
 they may be required, & in such
 quantity as may be quickly used,
 the chances of loss are thereby very
 small, & can only take place through
 unavoidable accidental causes; though
 I regret to have to come to Government
 to ask for these stores to be struck off,
 I trust it will be remembered that
 the loss is spread over so long a term
 nearly 9 years, & is not at all likely
 to be repeated.

I have the honor to be,

Sir,

Your Most Obedient Servant,

W. W. Newman Esq.

Spl. Engr. Mysore, Mysore

4017 Jan 7/75 Rs 498-499

P. W. 1875 Sept
 from No. 3915
 The Spl. Engr. Mysore,
 Mysore,
 To The Secretary,
 to Government,
 Public Works Dept.,
 Madras.

a/c 479.

Dated 13th June 1875
 Recd: 16

Requesting sanction to
 to strike off from
 his stock list cer-
 tain articles which
 were wasted & deterio-
 rated from exposure
 to weather, to the value
 of Rs. 1930-2-5.

Recd 6 Dec 18-6-35

Memo

In reference to the letter of 12th 1875 dated
13th 1875, the Special Executive Engineer
is requested to report by the names of
the officers & to describe the kind of stone
used in the construction of the buildings
and also by whose orders the same were
manufactured which were not of
a suitable description for the buildings
in progress.

The names of the officers who are respon-
sible for having collected a large quantity
of lime when there was no demand for
it, being so properly should also be
reported.

Yours

No 527.



Special Executive Engineer's Office
Luckhache, Wynaud 19th June 1875

From

C. H. Pringle Esq.
Sg. Special Executive Engineer,
Wynaud

To.

The Secretary to Government.
Public Works Department
Madras.

Sir,

There is so much that is explained
involved in a reply to your Memo. No 527
dated 19th June 1875, and which cannot be
given satisfactorily by any one less well
acquainted with the progress of Public Works
in Wynaud than Colonel Kennedy, that
I have the honor to beg that the matter
may lie over until the return of that Officer.

The transactions have extended
over nine years, and it would occupy the
diminished staff of my office for a very long
period to obtain all the facts wanted,
with the chance that the lack of complete

ness of the information might draw
censure where it was not merited.

I have the honor to be,

Sir,

Your devoted friend and servant.

Emory

Adj. Gen. C. C. Cuyler, U.S. Army

6270

Malabar Distt. Engls Office
Calicut 19 June 1876.

Calicut 29 June 1876.

1000

The District Engineer,

Halak

The Chief Engineer

Public Works Department

Charles



Reference - Memorandum No.
408 dated 16 June 1876.

With reference to above and the correspondence to which it relates, I have the honor to inform you that the Bricks in question were manufactured by Sappers, assisted by cooly labor, between the years 1866 and 1869; and, as far as my memory serves me, I believe that their inferior quality was due in the case of some of these Bricks to the best stratum of clay having been worked out before the full number for a kiln had been completed, and then continued use, without report, of the inferior clay; and in the case of the rest to heavy rain while

while in process of burning.

2. The Sappers were working under their non-Commissioned Officers, but who these latter were, or to what Company they belonged, I am quite unable to say.

I have the honor to be
Sir,

Your most obedt. servant

W. B. Kennedy Lt. Col.
District Engineer
Malabar

27-1-75 No 243
Charges 42879/1875
Memo No 95 of 19-6-75 (Ch. Engrs)
7/108 of 16-June 1876

P.W. 1876 Dept.
No: 4440

Report on the
tiles made
in Mysore between
the years 1866 and 1869.

Order 1913
No 223/June 75

No 70

to Chief Engineer
Madras.

Memo: No. 1037. D 6th July 1876.

With reference to Colonel
Kennedy's letter of the 19th June
1876 No. 70 the Chief Engineer
has the honor to remark that no
reply has been returned to the
enquiries made in Memo 95
dated 9th June 1875 under the
heads of Lime & Tiles And
he has to request that the
omission may now be supplied.

S. G. M.

Cotacamund
6th July 1876.

To The D. S. Malabar.

No 88 Malabar District Engineer's Office
Recd 25th July 1876
The District Engineer,
Malabar

The Chief Engineer,
Public Works Department,
Madras.

Reference No 1037 dated 6th July 1876

In continuation of my letter
No 79 dated 16th June 1876, I have the
honor to state that the orders for
the manufacture of Flat Tiles could
only have emanated from me,
and I have no other explanation
to give but that in directing their
manufacture I had no other idea
but that of adopting the kind of
roofs that proved efficacious else-
where, and which experience had
not then taught me was not suf-
ficiently waterproof for Wynnad
2.

With respect to the Lime, the
reason for ordering it is given in
Para 6 of my letter No 79 of 13 June
1875 and as regards the means of
Storage

27-1-876 No 7-876
27-1-876 No 7-876

we had for years to put up with
conimon like, always damp
and subject to destruction during
Monsoon storms. Nevertheless,
so much pressure was then
put on us at that time to
get work done, that the risk
of deterioration had to be run
rather than the certainty of
delay in work; nor was this
the only way in which great
loss to Government ensued as
a consequence of this high pressure
system; notably was it as in
the case of artificially high rates.

I have the honor to be
Sir,

Your most obedt. Servant

W. H. Murray Esq. Col.

District Engineer
Malabar

Po. 27 Jan'y/96. No 243.

P. W. 1876 Dept
No 5378

Explaining the use
- of sand mauls.
- turning the stile
- to be in the ground

Received
25th July 1876
No 86

The District Engineer,
Malabar.
to the Chief Engineer,
S. S. S. M.
Madras.

No 1997

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 4 Aug/76.

Read the following:—

Spans

- The Special Executive } (H.O. No 479 d/13th June 1875)
- Engg. Wynna ad. } " " 527 d/28th " "
- Actg. Do Do } " " 90 d/19th " 1876)
- District Engineer } (" " 86 d/25th July ")
- Malabar } " " 86 d/25th July ")

There seems no al-
ternative but to direct
the value of the articles
to be written off to
"Profit and Loss",
which is accordingly
authorised.

District Engineer,
Malabar.
By order P. W. Accounts.

Dec 18/8/76

1876
Cin. 1.8.76 P.W. 1.8.76

4287 3945-5-578
4440

Govt. of 18781 N. 10000

PUBLIC WORKS.

The 10 to. Kalakau

Dated

Month

Year

1997

16-99

On the 2nd of May

Containing the value
of certain unscrutable
to be written
to Profit & Loss.

19-9-99