

(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. | 686 (W) | Press<br>Mis. |
| Dated    | 28-2-   | 1877.         |

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,  
23th February 1877. No. 686.*

Read the following papers :—

No. 706. Read the following Proceedings of the Madras Government in the Judicial Department, dated 11th January 1877, No. 78.

ABSTRACT.—*Jails*.—The expenditure of Rupees 520 for deepening the wells in the Cannanore Central Jail, sanctioned.

No. 706-A. From Lieutenant-Colonel R. B. KENNEDY, District Engineer, Malabar, to the Joint Secretary to Government, Public Works Department, Buildings and Roads Branch, dated Calicut, 10th February 1877, No. 219.

Reference No. 89, dated 26th January 1877.

WITH reference to above I have the honor to forward replies\* from Captain Bailey and Lieutenant Dobson, and an extract from the general estimate for the Jail buildings, which latter I do not send

\* No. 481, dated 2nd February 1877.

„ 26, „ 31st January „

as it is very bulky, and the extract made is all that refers to the wells.

2. The estimate is dated 1st May 1867, and the work was executed in March 1873.

From Captain H. BAILEY, Executive Engineer, to Lieutenant-Colonel R. B. KENNEDY, District Engineer, Malabar, dated Calicut, 2nd February 1877, No. 481.

In reply to your No. 274, of the 29th January 1877, on letter No. 89—T, from the Deputy Chief Engineer, I have the honor to state that the flooring to the jail wells was put in by me.

2. The estimate, if I recollect aright, merely allows a lump sum for wells.

3. The pavement was put to prevent the wells being deepened below the curb, it having been found invariably at Cannanore that wells were so deepened and the masonry allowed to give way.

4. I presume it is on account of the failure of the water-supply that this report has been called for; if so I have no hesitation in saying that the flooring can have no effect on the supply. Laterite stone being of itself too porous to prevent water passing through it.

5. If the removal of the flooring is supposed to endanger the steining of the well, I have the honor to state that the original steining was completed before the flooring was given.

6. After the wells had been in use sometime the steining first given was found not strong enough to stand the strain on it, an inner lining of stone was therefore given for about half the height of the well, but whether this was built on the floor or not I am now unable to say.

7. Although the wells were sunk to a depth of 75 feet in hopes of increasing the supply of water, no springs were met with after the bed of kaolin was passed through, and this was met with in all the wells at from 30 to 40 feet from the surface; in fact the same thing was found in all the wells I sunk or deepened at Cannanore.

From Lieutenant A. E. DOBSON, R.E., Assistant Engineer, Malabar, to Lieutenant-Colonel R. B. KENNEDY, District Engineer, Malabar, dated Cannanore, 31st January 1877, No. 26.

Your endorsement, No. 264 of 29th January 1877, on memorandum No. 89—T, from the Officiating Deputy Chief Engineer, dated 26th idem, I have the honor to inform you that I have searched my office records for the information required, no detailed estimate, plan, or specification for the wells in question can be found. In fact no specification for the general work of the building of the jail itself can be traced.

*Proceedings of the Madras Government, Public Works Department,  
28th February 1877. No. 686.*

2. The plan and estimate are herewith forwarded. It will be observed that a lump sum of work is allowed for each well, but no details are given at all. The work was finished, that is accounts finally adjusted in March 1873; the actual work being finished before, that is sometime prior to my joining the district, so I am sorry I am unable to give fuller information on the points called for by the Officiating Deputy Chief Engineer.

3. With regard to the paving, I was unaware that the wells were paved until the Superintendent, Central Jail, informed me of the fact one morning when I was there making inquiry about the wells according to your orders. I then suggested to him that I thought the experiment, at any rate of taking up the flooring, might be tried, and in letter No. 357, dated 11th December last, (copy enclosed,) I gave him directions for doing the work, and the result was reported to me in his letter, No. 807 of 14th December 1876, copy already sent to you with my No. 269 of 20th December 1876. From the records of this office it appears that these four wells were estimated to cost Rupees 4,000 and actually cost Rupees 7,985-3-5½. The reason for this given in the records is that "wells in jail sunk 75 feet instead of the usual depth 40 feet, and six old wells had to be deepened for the use of the Police," but no fuller information can be found.

*Extract from the Estimate of the probable expense of building a Central Jail at Cannanore in the District of Malabar.*

| Talug. | Name of work. | MEASUREMENT. |          |        | Superficial Contents. | Cubical Contents. | Particulars of Work.                                         | Rate. | Per   | AMOUNT OF EACH |       | Explanation of the necessity of work. | By whom recommended. |
|--------|---------------|--------------|----------|--------|-----------------------|-------------------|--------------------------------------------------------------|-------|-------|----------------|-------|---------------------------------------|----------------------|
|        |               | Length.      | Breadth. | Depth. |                       |                   |                                                              |       |       | Article.       | Work. |                                       |                      |
| .      | .             | .            | .        | .      | .                     | .                 | Wells.                                                       | RS.   | .     | RS.            | .     | .                                     | .                    |
| .      | .             | .            | .        | .      | .                     | .                 | Sinking four wells with machine for lifting water complete.. | 1,000 | each. | 4,000          | .     | .                                     | .                    |

(True Extract.)

CANNANORE,  
1st May 1867.

(Signed)

H. BAILEY, Captain,  
Assistant Engineer, Malabar.

(True Extract.)

(Signed)

R. B. KENNEDY, Lieut.-Colonel,  
District Engineer, Malabar.

CALICUT,  
10th February 1877.

No. 706-B. From Lieutenant-Colonel R. B. KENNEDY, District Engineer, Malabar, to the Secretary to Government, Public Works Department, Roads and Buildings Branch, dated Calicut, 23rd February 1877, No. 233.

Roads and Buildings.

REFERENCE, G.O., No. 78, dated 11th January 1877, in the Judicial Department.

Please inform me whether the work can be commenced. The Inspector-General of Jails in his No. 6, dated 8th idem, to the Chief Secretary, states that funds are available in the Jail Budget.

2. The work is an emergent one, and every opportunity should be taken to do it at the present dry season.

*Proceedings of the Madras Government, Public Works Department,  
28th February 1877. No. 686.*

No. 707.

ORDER THEREON, 28th February 1877, No. 686.

CIVIL WORKS, No. 56.

COMMUNICATED to the District Engineer, Malabar.

2. The paving of the wells in the manner described was unauthorized and unnecessary.

3. The work of deepening the wells may be proceeded with by the Jail authorities, assisted by the Public Works Department, from funds in the Jail Budget.

(True Extract.)

Colonel,  
Acting Joint Secretary to Government.

To the District Engineer, Malabar.

„ Examiner of Public Works Accounts.

„ Judicial Department.

Erd. S. T. Austin.

Spare Copies

Memorandum No. 89 Id/26<sup>th</sup> Jan/77

MEMORANDUM.

~~Letter No. 100~~

Wg. C. 3

dated 26<sup>th</sup> Jan/77

from the District Engineer of Malabar.

The Dist. Eng. is requested  
to report by whose insti-  
tution the wells situated  
after Central Jail at  
Pannur were passed.  
The original Plans  
Estimates and specifica-  
tions for these wells  
should be submitted  
to this office for inspection  
as early as possible  
together with all  
the information.

Respectfully,  
Subj. for Capt.  
Bridg. & Lt. Col. D. M. P.  
Myndre Wk

25.1.77

For the

cc

GOVERNMENT OF MADRAS.  
JUDICIAL DEPARTMENT.

11th January 1877, No. 78.

Jails.

Read the following paper:—

No. 74. *From Major T. E. TENNANT, Inspector-General of Jails, to the Chief Secretary to Government, dated Madras, 8th January 1877, No. 6.*

The Superintendent of the Central Jail at Cannanore reports the scarcity of water inside the Jail, and forwards with the accompanying letter, No. 834, of the 30th December 1876, an approximate estimate, amounting to Rupees 520, for deepening the wells inside the Jail.

2. The Cannanore Central Jail is situated on the crest of a hill, and, although the wells within the Jail have been sunk to a depth of about 75 feet each, the bottoms of the wells are actually higher than the level of low ground in the vicinity of the Jail. The wells are paved at the bottom; it appears from the Superintendent's report that, on the flooring being removed, the depth of water increased in one of the wells from 2 feet to 5 feet, and in another well, the water rushed in when the flooring was cut through.

3. The Superintendent consulted with the Engineer Officer in charge of the Cannanore Range, and I understand that officer is of opinion that there will be no difficulty in removing the flooring of the wells provided a skilled person supervises the work. I have, therefore, the honor to request the sanction of Government for the expenditure of Rupees 520 for deepening the four wells within the Central Jail at Cannanore.

4. Funds are available in the Jail Budget under the head "Alterations and Repairs."

From Lieutenant-Colonel G. E. H. BEAUCHAMP, Superintendent of the Central Jail at Cannanore, to the Inspector-General of Jails, dated Cannanore, 30th December 1876, No. 834.

I have the honor to forward for sanction approximate estimate for deepening the wells inside this Jail amounting to Rupees 520.

2. There has always been a scarcity of water inside this Jail during the dry months, and a large portion of the convicts have daily to be marched to a tank about three-quarters of a mile from the Jail for the purpose of bathing.

3. This tank is the only place that can be resorted to for this purpose; the water in it is green, and is fast drying up; should it be dried up, I fear I shall not be able to point a place where convicts can bathe nearer than the sea.

4. Some days ago I consulted Lieutenant Dobson, R.E., in charge of this range, regarding deepening the wells; at his suggestion I took up the flooring of No. 1 well, and deepened it 4 feet. I found the flooring consisted of large laterite stones 9 inches thick; under this I found 18 inches concrete; after cutting through this concrete we found water. This was done on 11th December. The result has been that, instead of from 1 foot to 2½ feet of water in this well, we got

5 to 6 feet, and, though we are daily using this well, we have a supply of 3 feet daily (*vide copy of well register enclosed*).

5. Finding the experiment on No. 1 well succeeded, I directed the same thing to be done with No. 2 well; this was done on 28th December.

6. As soon as the cement below No. 2 well was cut through, water rushed in; consequently we were unable to sink this well.

7. I have directed this well to be emptied and the well to be sunk 4 feet, and thus hope to obtain another 3 or 4 feet of water.

8. I have also directed the same thing to be done to Nos. 3 and 4 wells.

9. I am in hopes that, when all these wells are sunk another 25 feet, we shall have sufficient water, not only for drinking and cooking; but also for bathing purposes, all the year round, and thus not only obviate the necessity of marching a large portion of the convicts outside to bathe, but be enabled to carry on the garden by utilising the water after convicts have bathed in it.

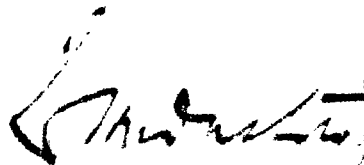
10. I am at present obliged to draw water from the outside wells for drinking and cooking and have directed all outside wells to be cleaned out and deepened as they are dried.

No. 75.

ORDER THEREON, 11th January 1877, No. 78.

Sanctioned.

(True Extract.)

  
Chief Secretary.

Mar 5<sup>th</sup> of March 1867

P.W.D.

25 JAN 77

NA 725

Profit. of 1877

JUDICIAL.

TO THE INSPECTOR-GENERAL OF JAILS,  
 &c., &c., &c.

*Dated January, 11th.*

Issued — 6-69

Feed.

G.O., 11th January 1877, No. 73

JANUARY.  
Mos. 74-75.

*Jails*.—The expenditure of Rupees 520 for deepening the wells in the Cannanore Central Jail sanctioned.

Memo N<sup>o</sup> 89 Id 26<sup>th</sup> Jan<sup>y</sup> 1877.

N<sup>o</sup> 481

Executive Legation S. P. 3  
Calcutta 2<sup>d</sup> February 1877

From

The Executive Engineer  
Calicut Range.

27  
Jo

The District Engineer  
Malabar.

Sir,

In reply to your No 274 of the 29<sup>th</sup> January 1877 on letter No 89 from the Deputy Chief Engineer, I have the honor to state that the Flooring to the Jail Wells was put in by me -

His estimate if I recollect aright  
merely allows a lump sum for well-

The pavement was put to prevent the Wells being deepened below the curb it having been found invariably at Bangalore that wells were so deepened and the Masoury allowed to give way.

I presume it is on account of the failure of the water supply that this report has been called for, if so I have no hesitation in saying that the flooring can have no effect on the supply. Latitude

Stouck

19706.

Car 17.2.77 24.2.77

stone being of itself too porous to prevent water passing through it.

If the removal of the flooring is supposed to endanger the steining of the Well I have the honor to state that the original steining was completed before the flooring was given.

After the Wells had been in use some time the steining first given was found not strong enough to stand the strain on it; an inner lining of stone was therefore given for about half the height of the Well but whether this was built on the floor or not I am now unable to say.

Although the wells were sunk to a depth of 75 feet in hopes of increasing the supply of water, no springs were met with after the bed of Koolin was passed through and this was met with in all the Wells at from 30 to 40 feet from the surface in fact the same thing was found in all the Wells I sunk or deepened at Cannanore.

I have &c  
Signed / H. Bailey Capt.  
Executive Engineer.  
[True Copy]

W. H. Keene Esq.  
District Engineer, Malabar

P.W.D.  
14 FEB 77  
NO. 1560—

In a letter from the District  
Engineer Malabar No. 264  
dated 10<sup>th</sup> February 1877.  
to the Chief Engineer  
Cannanore.

Copy of letter from  
District Engineer  
Malabar No. 264  
to the Chief Engineer  
Cannanore.

P. 28: Feb. 4/77 S.O. No. 706

No. 26.

Cannanore Division Office  
Cannanore 31<sup>st</sup> January 1877.

From,  
The Officer in charge.  
Cannanore Division.

To,  
The District Engineer  
Malabar. P. W.  
Calicut.

Sir,  
Your endorsement No. 264 of 29<sup>th</sup>  
January 1877 on Memo. 89. J. from the Offg.  
Deputy Chief Engineer dated 26<sup>th</sup> Idem,  
I have the honor to inform you that I  
have searched my office records for the  
information required, no detailed estimate  
plan or specification for the wells in ques-  
tion can be found. in fact no specification  
for the general work of the building  
of the well itself can be traced.  
The plan and estimate are here-  
with forwarded, it will be observed that  
a lump sum of work is allowed for  
each well, but no details are given at all.  
The work was finished, that is accounts  
finally adjusted in March 1875, the actual  
work.

work being finished before that is some time prior to my joining the district, so I am sorry I am unable to give fuller information on the points called for by the Offg. Deputy Chief Engineer.

With regard to the paving I was unaware that the wells were paved until the Superintendent, Central Jail informed me of the fact one morning when I was there making enquiry about the wells. according to your orders. I then suggested to him that I thought the experiment at any rate of taking up the flooring might be tried and in letter No. 357 of 11<sup>th</sup> December last (copy enclosed) I gave him directions for doing the work. and the result was reported to me in his letter No. 807 of 14<sup>th</sup> December 1876. Copy already sent to you with my No. 269 of 20<sup>th</sup> December 1876. From the records of this Office it appears that these 11 Wells were estimated to cost Rupees 4,000 and actually cost Rupees 7,985-3-5<sup>1</sup>/<sub>2</sub> - The reason for this given in the records is that wells in jail sunk 75 feet instead of the usual depth 40 feet and 6 old wells had to be deepened for the use of the Police."

Police" but no fuller information can be found.

I have V<sup>ce</sup>  
Signed / S. C. Robson Lt R.E.  
Assistant Engineer, Malabar

[True copy]

W. B. Kennedy Lt Col  
District Engineer, Malabar



Q. 28: 84/73 80. 87. 06

In a letter from to District  
Engineer Malabar No 219  
dated 10<sup>th</sup> February 1877  
to the Chief Engineer  
S. P. W. Madras.

Extract from the Estimate  
of the expense of building  
Mentaul jail and  
Canniarore -

No. 1560  
14 FEB 77  
P.W.D.

Malabar District Engineer's Office  
Calicut 10<sup>th</sup> February 1877.  
No. 219.

From,  
The District Engineer  
Malabar,

To,  
The Chief Engineer  
S. P. W. Madras.

Sir,  
Reference No. 89 of 26<sup>th</sup> January 1877.

With reference to above I have the  
honor to forward replies from Captain Bailey  
and Lieutenant Dobson, and an extract  
from the general estimate for the Jail  
Buildings, which latter I do not send  
as it is very bulky, and the extract made  
is all that refers to the wells.

The estimate is dated 1<sup>st</sup> May 1873  
and the work was executed in March 1873.

I have the honor to be  
Sir,  
Your most obdt. Servant -

M. B. Kumar & Co.  
District Engineer, Malabar

P.W.D.  
14 FEB 77  
No. 1560

The District Engineer  
Malabar  
The Chief Engineer  
Madras  
No 219.

Dated 10<sup>th</sup> February 1877.  
Received.  
Encls 3.

Amounts repaid from Captains  
Wiley and M. A. Khan - about  
the value of the land  
paid off from the  
also a receipt from the  
Revenue Office of the  
Jail Building.

P. 282 Feb 7/77 J.B. No. 706 A.

Ans: 17.2.77 B. 1637.5

No. 233.

Malabar Distt. Engr's office  
Calicut 23<sup>rd</sup> February 1877.

From

The District Engineer,  
Malabar.

To

The Chief Engineer,  
Roads & Buildings  
Madras

Sir,

Roads and  
Buildings

Reference by A. No. 78 of 11<sup>th</sup> Janry 1877  
in the Judicial Department.

Please inform me whether the  
work can be commenced, the Inspector  
General of jails in his No. 6 dated 8<sup>th</sup>  
idem to the Chief Secretary states  
that Funds are available in the Jail  
Budget.

2. The work is an emergent one  
and every opportunity should be taken to do  
it at the present dry season.

I have the honor to be

Sir,

Your most obt. Servant

W. B. Kennedy Lt Colonel

Distt. Engineer, Malabar

P.W.D.  
26 FEB 77  
No. 2058

Representing to the  
informant of the  
work of deepening  
the wells in the  
Coastal line at  
Cannanore can  
be commenced

Received 23<sup>rd</sup> Feb 1877  
No. 233  
The District Engineer  
Malabar  
Roads & Buildings  
Cannanore

P. 28 Feb 77 S.B. No. 706 B

From the District Engineer  
Malabar  
Roads & Buildings  
Cannanore  
To the District Engineer  
Malabar  
Roads & Buildings  
Cannanore  
Please see  
p. 100

686  
No. 548

C. M. S. 8  
Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

28<sup>th</sup> Feb 77  
Under date the 27<sup>th</sup>  
Read the following:—

Pro. of the Madras Road  
Jud. Departt. } (H.C. No. 98 of 11<sup>th</sup> Jan 77)  
From the D. Eng. Malabar ( " " 217 - 10<sup>th</sup> Feb 77 )  
Do do ( " " 233 - 23<sup>rd</sup> Feb 77 )

Communicated  
to the District Engineer  
Malabar.  
2. The paving of the  
wells in the manner  
described was unnecessary  
thorough and unnecessary

W. H. S.  
10.2.77

3. The work of deepening  
the wells may be proceeded  
with by the Jail authorities  
assisted by the P.W. Dept. from  
funds in the Jail budget.  
Dated 2-3-77  
D. S. Keeliker & Co.  
S. P. P. R.  
Jud. Departt.  
Dated 10-3-77

*Copy 25*  
*191500*  
 of 1877  
 PUBLIC WORKS

To *Mr. Secretary*

Dated

Issued

Recd.

Encl.

G. O. 28 Feb 1877, No. 686

*Urgent*  
 706-707  
 273

Bells in the Cannanore  
Central Jail Proceedings  
 Judicial Dept sanctioning  
 an expenditure of Rs 520 for  
 deepening the — Command  
 with remarks to the District  
 Engineer Brahmachari.

*But no Rep.*