

- (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 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

* No. 481, dated 2nd February 1877.

„ 26, „ 31st January „

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.

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.		
.	.	.	.	.	.	.	.	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.)

CALICUT,
10th February 1877.

(Signed) R. B. KENNEDY, Lieut.-Colonel,
District Engineer, Malabar.

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/26th Jan/77

MEMORANDUM.

~~Letter No. 100~~ *Wg. 100* 3

~~dated~~

~~2~~
from the District Engineer of *Sholabar*.

The *Dist. Eng.* is requested
to report by whose insti-
tution the wells ~~attached~~
Central fail of
furnace 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.

Notariable *see* *the*
Subject *from* *caption*
Wg. 100 *100*
Wg. 100

25.11.77

Wg. 100

Wg. 100

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.

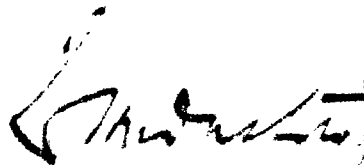
10. I am at present obliged to draw water from the outside wells for drinking and cooking and have directed all outside wells to be cleaned out and deepened as they are dried.

No. 75.

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

Sanctioned.

(True Extract.)


Chief Secretary.

Mar 5th 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.
Nos. 74-75.

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

Memo N^o 89 Id 26th Jan^y 1877.

N^o 481

Executive Legation S. P. 3
Calcutta 2nd February 1877

From

The Executive Engineers
Calicut Range.

27
Co

The District Engineer
Malabar.

Sir,

In reply to your No 274 of the 29th January 1877 on letter No 895 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

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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 stining 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 Kachin 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 ^{rec}
Signed / H. Bailey Capt.
Executive Engineer.
[True Copy]

Att. W. Kenealy Esq.
District Engineer, Malabar.

P.W.D.
14 FEB 77
NO. 1560—

In a letter from the District
Engineer Malabar No. 264
dated 10th 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 31st January 1877.

From,
The Officer in charge.
Cannanore Division.

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

Sir,
Your endorsement No. 264 of 29th
January 1877 on Memo. 89. J. from the Offg.
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 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 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 11 Wells were estimated to cost Rupees 4,000 and actually cost Rupees 7,985-3-5¹/₂ - 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^{er}
Signed / S. C. Robson Lt R.E.
Assistant Engineer, Malabar

[True copy]

W. B. Kennedy Lt Col
District Engineer, Malabar

Q. 28: 84/77 80. 87. 06

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

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

1560
14 FEB 77
P.W.D.

No. 219.

Malabar District Engineer's Office
Calicut 10th February 1877.

From,
The District Engineer
Malabar,

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

Sir,
Reference No. 89 of 26th January 1877.

No. 401. of 2nd Feb. 1877
" No. 26. of 31. Jan. 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 1st May 1877 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
Rt. Hon. Madras

No. 219.

Dated 10th February 1877.
Received.
Encls 3.

Amounts paid from Captains
Wiley and W. A. B. - about
the value of the land
paid at Annamalai and
also at Coimbatore from the
Revenue of the State 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 23rd February 1877.

From

The District Engineer,
Malabar.

To

The Chief Engineer,
Roads & Buildings
Madras

Sir,

Roads and
Buildings

Reference by A. No. 78 of 11th Jan'y 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.

I have the honor to be

Sir,

Your most obt. Servant

W. B. Kennedy Lt. Colonel
Distt. Engineer, Malabar

No. 2059

Wester 23rd J^y Henry 1877
Beck.

233 1/2

Beats & Binding
 from
 The District Engineer
 of
 the Chicago Engineer
 Beats & Binding
 Clearing

P. 28: Feb 7/77 I.B. L. 706

Pro. of the Madras Govt. } (A.C. No. 98 of 11th Jan'y/77)
Indl. Departt.
From the D^y. Secy Malabar C. " 219 - 10th Feby/77
Do do " 233 - 23rd Feb/77

Communicated
to the District Engineer
Malabar.

2. The paving of the
wells in the manner
described was unwar-
ranted and unnecessary.

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.

Dec'd 2-3-77
 J. S. Walker & Son
 E. P. R.
 Jud. Dep't

Ans 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 Brahmavar.

But no Rep.