

Local & Munl. (1899) Department.

MISCELLANEOUS.

G.O., No. 1846 M.

DATED 11-12-1899.

[Despatch Abstract.]

Water Supply

Requesting the Accountant General to place at the disposal of the Sanitary Engineer a sum of Rs. 1000 out of the allotment provided for the Vizianagram — works to enable him to meet the cost of purchasing the apparatus required for boring wells for the of Calicut. And the Municipal Council of Calicut to pay to the Sanitary Engineer a sum of Rs. 800 required for the establishment & other charges in connection with the said scheme.

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Cuo 3234 4/99 74400
Cuo 3101 2/00 186400
5/101

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24/10/07

432
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No. 1846 M., 11th DECEMBER 1899.
 GOVERNMENT OF MADRAS.
 LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following papers:—

I
G.O., Mis. No. 879 M., dated 22nd June 1899.
 ABSTRACT.—Stating, with remark, that the proposal of the Sanitary Engineer to supply the Mappila quarters of the town of Calicut with water from the Mananchira tank is undesirable and requesting the Sanitary Engineer to investigate the matter on the lines indicated by the Sanitary Commissioner and report the result to Government.

II
Proceedings of the Sanitary Board, No. 467/S., dated 7th September 1899.
 Read—the following paper:—

Letter—from J. A. JONES, Esq., MEM. INST. C.E., F.R.S.E., Sanitary Engineer to Government.
 To—the Secretary to Government, Local and Municipal Department (through the Sanitary Board).
 Dated—Madras, the 24th August 1899.
 No.—1142.

With reference to G.O., Mis. No. 879 M., dated 22nd June 1899, I have the honour to inform you that I have delayed replying until I could obtain maps of the area around Calicut which I have just done.
 2. There seem to be areas which might yield pure water from bored wells and in order to make the investigation required I consider that there ought to be supplied for the purpose—

An Abyssinian tube well apparatus including driving and withdrawing apparatus complete as per Burn & Co.'s catalogue (page 114) price at Calcutta 3" tubes	Rs.
Add freight, etc., to Calicut	450
	50
Say	500
Also a set of 3" boring apparatus to bore to 50 feet with augers, chisels, boring rods (2½" tools omitted) price as per catalogue (page 115)	400
Freight to Calicut	50
	450

But say Rs. 1,000 inclusive of all charges.

3. The investigation would probably take 3 months and the staff and charges would amount to—

One Supervisor for 3 months at Rs. 125 (including carriage hire)	Rs.
Four lascars for 3 months at Rs. 7	375
Labour for putting down say 12 bores	84
Carriage of apparatus	250
Sundries	50
	121
	880
Or a total expenditure of	1,880

No. 1846 M., 11TH DECEMBER 1899.

The Supervisor would of course also be employed during the three months in extending the levels beyond the Mananchira tank and making surveys, etc., between it and site of eventually selected bore.

4. I would add that an apparatus like the above for the use of this department would greatly add to efficiency in exploring for water supplies and we are often handicapped for want of such.

5. The apparatus might be obtained from Messrs. Burn & Co., Calcutta, as being emergently required.

Resolution—No. 467/S., dated 7th September 1899.

The proposals of the Sanitary Engineer are approved by the Sanitary Board and are submitted to Government for sanction.
(True Extract.)

R. PARSONS,
Secretary, Sanitary Board.

To the Secretary to Government, Local and Municipal Department,
with papers in original.
Sanitary Commissioner.

III

Letter—from A. A. G. MALET, Esq., A.M.I.C.E., Acting Sanitary Engineer to Government.

To—the Secretary to Government, Local and Municipal Department (through the Sanitary Board).

Dated—Madras, the 14th November 1899.
No.—1463.

I have the honour to request early orders on this office No. 1142 of 24th August 1899, as unless the plant asked for is obtained soon it will not be possible to take advantage of the next hot weather and investigation will have to be postponed for another year.

2. I propose to test promising localities with the boring apparatus and if water is found, test its quality with the Abyssinian tube wells. It is not probable that these wells will enable me to carry out a quantity test. If I find water of suitable quality it will, I expect, be necessary to sink wells and carry out a test for quantity.

3. If the plant asked for is obtained at once, I think I can complete the quality test by the end of February and if necessary funds are allotted, I might complete the quantity test between March and May next.

Endt. No. 610-S., dated 17th November 1899.

Forwarded, in continuation of the Sanitary Board's Proceedings No. 467/S., dated 7th September 1899.

(By Order.)

C. A. SIMPSON,
Ag. Secretary, Sanitary Board.

Order—No. 1846 M., dated 11th December 1899.

The apparatus referred to in paragraph 2 of the Sanitary Engineer's letter will be purchased from Provincial funds in the first instance and its cost will be recovered subsequently from the Municipality of Calicut or other Municipalities in which it may be used, on a plan similar to that suggested in paragraph 5 of the Sanitary Engineer's letter No. 1828, dated 5th September 1893, disposed of in G.O., No. 1261 M., dated 19th September 1893. The Sanitary Engineer will report the rate at which this recovery should be made, explaining fully the grounds on which his calculation is based. The Accountant-General is requested to place at the disposal of the Sanitary Engineer, a sum of Rs. 1,000 out of the allotment of Rs. 50,000 provided for the Vizianagram water-supply works in the budget estimate of Provincial grants for the current year, to enable him to meet the cost of the apparatus.

No. 1846 M., 11TH DECEMBER 1899.

2. The Municipal Council of Calicut is requested to pay to the Sanitary Engineer as soon as possible, the sum of Rs. 880, required for the establishment and other charges referred to in paragraph 3 of his letter.

(True Extract.)

M. HAMMICK,
Ag. Secretary to Government.

To the Sanitary Engineer.
" Chairman, Municipal Council, Calicut,
" through the Collector of Malabar,
" Accountant-General,
" Sanitary Board,
" Financial Department,

} with paragraph 5 of the Sanitary Engineer's letter in
G.O., No. 1261 M., dated 19th September 1893.

MISCELLANEOUS.

G.O., No. 1846 M., 11th December 1899.

Water-supply.

Requesting the Accountant-General to place at the disposal of the Sanitary Engineer a sum of Rs. 1,000 out of the allotment provided for the Vizianagram — works to enable him to meet the cost of purchasing the apparatus required for boring wells for the — of Calicut and the Municipal Council of Calicut to pay to the Sanitary Engineer a sum of Rs. 880 required for the establishment and other charges in connection with the said scheme.

ms

Kay

Rule

13 Sanitary Current No 432
Recd 25th Aug 99
Encl. Nil

Local & Munl. (1899) Department.

CURRENT No. 2411M

From

The Sanitary Engineer
to Government.

No. 1142

Dated 24th August 99.

Received } 9th Sept. 99

Registered }

Enclosures

Spare copies

SUBJECT.

Submitting an estimate of
the probable cost of investigating
a scheme by boring wells for the
Moplah quarters of the town of
Calicut

13/9

BACK PAPERS.

G.O.	No.	Department.	Date.
R	879	Public	22-6-99
R	1548	Public	5-5-98
R	1261	Public	14-8-90
P	880	Public	2-5-98

FURTHER PAPERS.

G.O.	No.	Department.	Date.

S. E. 1,000-17-1-99.

No. 1142

GOVERNMENT OF MADRAS.

OFFICE OF SANITARY ENGINEER,

Poonamallee Road (Park Town),

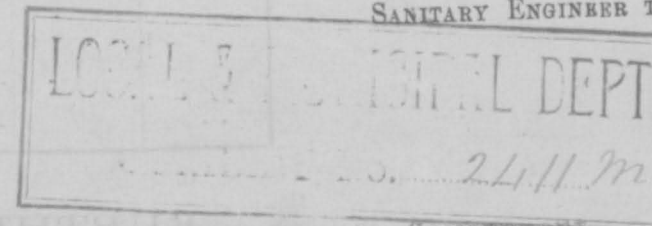
Madras, 24th August 1899.

From

J. A. JONES, Esq. MEM. INST. C. E., F.R.S.E.,

SANITARY ENGINEER TO GOVERNMENT,

To



The Secretary to Government,

Local and Municipal Department.

Through,

The Sanitary Board.

SIR,

With reference to G.O., No. 879 M, Mis., dated 22nd June 1899, I have the honor to inform you that I have delayed replying until I could obtain maps of the area around Calicut which I have just done.

2. There seem to be areas which might yield pure water from bored wells & in order to make the investigation required I consider that there ought to be supplied for the purpose

An Abyssinian Tube well apparatus including driving & withdrawing apparatus complete as per Burn & Co's catalogue (page 114) price at Calcutta

3" tubes Rs. 450

Add freight &c. to Calicut .. 50

Say Rs. 500

Also a set of 3" boring apparatus to bore to 50 feet with augers,

Chisels, Boring rods (2 1/2" tools omitted) price as per catalogue (page 115) Rs. 400

Freight to Calicut Rs. 50

Rs. 450

But say Rs. 1000 inclusive of all charges.

3. The investigation would probably take 3 months & the staff & charges would amount to

1 Supervisor for 3 months at Rs. 125 (including carriage hire)	..	Rs. 375
4 Lascars for 3 months at Rs. 7	..	84
Labour for putting down say 12 bores	..	250
Carriage of apparatus	..	50
Sundries	..	121
		Rs. 880

or a total expenditure of .. Rs. 1880.
The Supervisor would of course also be employed during the three months in extending the levels beyond the Mananchera tank & making surveys &c. between it & site of eventually selected bore.

4. I would add that an apparatus like the above for the use of this department would greatly add to efficiency in exploring for water supplies & we are often handicapped for want of such.
5. The apparatus might be obtained from Messrs. Burn & Co, Calcutta as being emergently required.

I have the honor to be,

Sir,

Your most obedient servant,

M. J. [Signature]

Sanitary Engineer to Govt.

16
Government of Madras.

SANITARY BOARD OFFICE.

PROCEEDINGS OF THE SANITARY BOARD, No. 467/5, DATED 7 Sept. 99

Read the following:—

Letter from the Sanitary Engineer
to Government, No: 1142, dated 24 August 99

38
[Signature]
Resolution.

The proposals of the Sanitary Engineer are approved by the Sanitary Board and are submitted to Government for sanction.

/ True Extract /

A. Parson S.
Secretary.

To The Secretary to Government,
Local and Municipal Dept.
with papers in original
" Sanitary Commissioner.

202
Ex-
7.9.99

But say Rs. 1000 inclusive

17
Local & Muni. (1899) Department.

at U.O. 366 (a) of 18-11-99.

Order for the Secretary.

CURRENT No. 2967 m

The paper referred by the Sanitary Engineer,
current No. 2411 m was sent to
Financial Department on the 15th
instant, with a draft order for counter-
initials. The Financial Department
may be asked (U.O.) to expedite it.

From

The Ag. Secretary Sanitary
Board.

Order

No. 1266
18/11/99

For awarded to Fin. Dept. U.O.

In favour of return of C 2411.

No. 610
5

[Signature]
18.11.99

Dated

Received

Registered

Enclosures

Spare copies

17th Nov.

SUBJECT.

Forwarding letter
from the Ag. Sanitary Engineer
to Govt. requesting early orders
on the question of plant
required for the investigation
of the Calicut water project.

17/11

BACK PAPERS

G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

Local & Munl. (1899) Department.

CURRENT No.

Sanitary Current No. 584.
Recd. 3 15 Nov 99.
Rept. 3 Encls: Nil.



LOCAL & MUNICIPAL DEPT.
CURRENT NO. 2967M

From

The Ag. Sanitary Engineer
to Government.

No. 610/5 dated 17 Nov 99.

Order Encl.

Forwarded in
Continuation of the Sanitary
Board's Proceedings, No.
467.5 dated 7 September
1899.

No. 1462

Dated 14th November 1899.

Received

Registered

Enclosures Nil.

Spare copies Nil.

(My order)
Chimpong
Ag. Secy. San. (B)

SUBJECT:

Bahin Water Project

Requesting early
orders on this Office No. 1142
of 24th August 1899 regarding
question of plant required for
the investigation of the —

To
The Secretary to Government,
Local and Municipal Dept.
Encl: 1

BACK PAPERS.

G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

S. E. 1,000-17-1-89.

No. 1463

GOVERNMENT OF MADRAS.

OFFICE OF SANITARY ENGINEER,

Poonamallee Road (Park Town),

Madras, 14th November 1899.

From

A.A.G. Malet Esq., A.M.I.C.E.

L. A. JONES, Esq. MEM. INST. C. E., F.R.S.E.,

AG SANITARY ENGINEER TO GOVERNMENT,

To

The Secretary to Government,

Local and Municipal Department,

thro' the Sanitary Board.

SIR,

I have the honour to request early orders on this office No. 1142 of 24th August 1899 as unless the plant asked for is obtained soon it will not be possible to take advantage of the next hot weather and the investigation will have to be postponed for another year.

2. I propose to test promising localities with the boring apparatus and if water is found, test its quality with the Abyssinian tube wells. It is not probable that these wells will enable me to carry out a quantity test. If I find water of suitable quality it will, I expect, be necessary to sink wells and carry out a test for quantity.

3. If the plant asked for is obtained at once, I think I can complete the quality test by the end of February and if necessary funds are allotted I might complete the quantity

test

2967/9m/99

test between March and May next.

I have the honour to be,

Sir,

Your most obedient servant.

William H. H. H.

Ag. Sanitary Engineer to Govt.

LOCAL AND MUNICIPAL DEPARTMENT.

C. No. 2411 M. 12967 M.

SUBJECT.

Investigation of a scheme for the water supply
of Calicut.

ORDER.

N. 1846 M. 11. 12. 99

The apparatus referred to in paragraph 2 of the Sanitary Engineer's letter will be purchased from Provincial funds in the first instance and its cost will be recovered subsequently from the municipality of Calicut or other municipalities in which it may be used, on a plan similar to that suggested in paragraph 5 of the Sanitary Engineer's letter n. 1828, dated 5th September 1893, disposed of in G. n. 1261 M., dated 19th September 1893. The Sanitary Engineer will report the rate at which this recovery should be made, explaining fully the grounds on which his calculation is based. The Accountant-General is requested to place at the disposal of the Sanitary Engineer

Engineer

Engineer, a sum of Rs. 1000 out of the allotment of Rs. 50000 provided for the Virianagram water supply works in the budget estimate of Provincial grants for the current year, to enable him to meet the cost of the apparatus.

2. The Municipal Council of Calicut is requested to pay to the Sanitary Engineer, as soon as possible, the sum of Rs. 880, required for the establishment and other charges referred to in paragraph 3 of his letter.

V.R.
14/11/99

[Handwritten signature]
15

To the Financial Department for C.S. (under the name below)

Note for the Secretary

Should not this paper go up to the H.M.?

To.

The Sanitary Engineer

" Chairman M.C. Calicut

" The Commr. of Malabar

" Accountant General

" Sanitary Board

" Financial Department

prop. 14/12/99

When given for copying _____
When copied _____
When examined _____
When signed _____ 13/12

189

READ AGAIN G.O. No. _____
189 .

, DATED

CURRENT No.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT

A A A A A A A

LETTER OF GOVERNMENT.

STATEMENT WITH DETTO.

PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH IN ORIGINAL.

N.B.-

A = Copy in full.
B = Not to be copied
P = Copy abstract only.
Q = Copy heading only.