M.R.O. 1—80,000—16-10-20.

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 1213 Press ~~Slip~~

53-54

Dated 3rd May 1869

Not to be folded or roughly handled

No. 53. Read the following Proceedings of the Board of Revenue, dated 5th April 1869, No. 2,276:—

Read again Board's Proceedings, dated 22nd March 1869, No. 1,977.

Read also the following letter from the Officiating Collector of the Kistna District, to the Acting Secretary to the Board of Revenue, dated Masulipatam, 26th March 1869, No. 75.

With reference to the Board's Proceedings, dated 22nd March 1869, remarking that, from the Superintending Engineer's letter of 6th February 1869, No. 150, printed with Government Order, 2nd March 1869, No. 671, the Board observe that that Officer expresses confidence in the measures he proposes for maintaining the water-supply during the hot weather, I have the honor to forward copy of another letter from the Superintending Engineer, dated 22nd March 1869, No. 387, pointing out that the Rupees 1,000 sanctioned in the Government Order, No. 671, dated 2nd March 1869, is not granted for supplying water to the Town of Masulipatam, which Government particularly pointed out that they do not undertake to do, and the Superintending Engineer states that he is not prepared to guarantee a continuous supply of water this year to the Town of Masulipatam, as, until the channels are finished it cannot but be precarious. This may prove a very serious emergency if the Town of Masulipatam is to be left, in the very hottest part of the season, without an adequate supply of water for drinking purposes. I suggested that two Norton's Tube Wells should be sent up by the next steamer, and greatly regret to learn that they are not available. I hope they may be procured and sent up by the next steamer. I would also suggest that it would be advisable, if the Board were to bring the matter to the notice of Government, with the view of instructions being issued to the Superintending Engineer, to make any arrangements that are possible to ensure the uninterrupted water-supply of the Town.

Enclosure No. 1.

From Lieutenant-Colonel F. J. MOBERLY, R. E., Superintending Engineer, 2nd Division, to the President, Municipal Commission, dated 22nd March 1869, No. 387.

In reply to your No. 63, 19th instant, I have the honor to remark that the Rupees 1,000 sanctioned in Government Order, No. 671, 2nd instant, is not granted for supplying water, which the Government particularly point out they do not undertake to do.

2. For the repair of the under-sluices of the anicut, and for the clearing off the channels, our simplest procedure would be to open every vent and let the river down, trusting to evaporation and leakage, keeping the water below the works under repair; but to supply Masulipatam, it is necessary to keep the river up above the level of the head sluice floor, and to prevent the water from entering the canals under clearance.

3. It is for these purposes that the Government have sanctioned the above sum, but even with it I am not prepared to guarantee a continuous supply this year; my Range Officers and myself have made every endeavour to carry on the work in clearance of canals, and will do our best to secure the supply; but till the channels are finished it cannot but be precarious.

The Board resolve to submit these papers for the orders of Government.

2. The Board have requested Colonel Foord to return the driving apparatus for Norton's Tube Wells from Bangalore as soon as possible, and when received it will be despatched to Masulipatam with two sets of Tubes. Colonel Foord, however,

necessary to facilitate

writes that he is not of opinion that these wells will, in a place like Masulipatam, have any advantage over ordinary brick wells, which are easily sunk and will yield more water.

3. Colonel Moberly in his letter of the 22nd March states that the money sanctioned by Government was not for supplying water, and that Government particularly pointed out they did not intend to undertake such supply; the Order in question however runs: "But in the present instance they authorised the Superintending Engineer to carry out the measure he proposes for keeping up the supply during the coming dry season."

* * * * * *

And in paragraph 2, the Commissioners are warned "to be prepared to meet the cost of such arrangements as may be necessary if they desire to secure a supply of fresh water from the Kistna canals in future years".

No. 54. ORDER THEREON, 3rd May 1869, No. 1,213.

Miscellaneous.

IN his letter to Government, dated 6th February 1869, No. 150, the Superintending Engineer, 2nd Division, reported that certain works were necessary to maintain the regular supply of water to Masulipatam during the hot weather, and in their Order, dated 2nd March 1869, No. 671, the Government sanctioned the works as, in addition to the purpose for which they were specially required, they were in some degree necessary to facilitate the clearing of the channels. The Government, however, observed that in future years such works must be carried out by the Municipality.

2. The Government presume that in the letter from the Superintending Engineer to the Collector, dated 22nd March 1869, No. 387, Colonel Moberly merely means to point out that, in such a dry season as the present, it is impossible to *guarantee* a water-supply under all circumstances. They trust, however, that the measures taken by him will prove successful. A further report should be submitted on the subject by the Collector without delay.

(True Extract.)

(Signed) R. A. DALYELL,
Acting Secretary to Government.

To the Collector of the Kistna District.
,, the Board of Revenue.
,, the Public Works Department.

Exd. F. R. Bantleman.

necessary to facilitate

Govt. of 1869 Emmms.

REVENUE.

To

THE COLLECTOR OF THE KISTNA

DISTRICT,

&c, &c, &c.

Dated Mog, 1869.

Read

Ditto

G. O., 2nd Mar 1869, No. 1,913.

Ditto

Ditto

MAY.

Municipal water-supply.—Collector to send the Resolutions noted on this subject without delay

No. 1,977.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 22nd March 1869.

Read the following letter from J. A. C. BOSWELL, Esq., Officiating Collector of the Kistna District, to the Acting Secretary to the Board of Revenue, dated Masulipatam, 9th March 1869, No. 53:—

THE Board are aware of the difficulties experienced in supplying the town of Masulipatam with good water since the time of the Cyclone of 1864. I have the honor to enclose copy of a letter from the Vice President of the Municipal Commission, pointing out that though water has been stored in two reaches of the Canal for this express purpose, yet the water cannot be expected to last beyond 1st May and no fall of rain is probable till the middle of June: it will therefore be necessary during the month of May, to dig wells to supply temporarily the wants of the town whose population is 40,000.

2. Should there be any Norton's Tube Wells available in Madras, I would suggest that two of them might be sent up here by the next Steamer leaving Madras about 28th March. They might prove of the utmost service in the emergency arising, which is now imminent.

ENCLOSURE No. 1.

From H. NEWMAN, Esq., Vice President, Masulipatam, to the President of the Municipal Commission of the Kistna District, dated Masulipatam, 6th March 1869, No. 32.

I HAVE the honor to enclose for your perusal, a copy of a letter received last month from the Superintending Engineer, whereby it appears that the probable cost of supplying good water to the people of Masulipatam from the time the Bander channel is closed, namely, the 1st March, to its re-opening in June by the plan he proposes of damming up certain channels and sluices at Bezoarah and elsewhere with earthen embankments for that express purpose would amount to upwards of 1,000 Rupees.

2. These embankments when made, would be of use only during the said three months and must afterwards be removed, I presume at a similar expense, but it does not clearly appear by the Superintending Engineer's letter whether he includes the expense of the removal in his estimates or not.

3. Believing that the Municipality would hardly feel justified in undertaking to pay so large a sum for the convenience of receiving the good water for that short period, I have conferred with Lieutenant A. C. Smith, R. E., the Executive Engineer at Bezoarah, and with Mr. McAlpine, the Executive Engineer of this range, who is one of the Commissioners.

4. We agreed that the best plan which could be proposed would be for the Range Officer to postpone any necessary works in that part of the bed of the channel above Ankimurru and Nedemole and to keep a reserved supply of Kistna water in those two reaches for the supply of the good water channel to Masulipatam.

5. Accordingly the Range Officer agreed to this course, and the water has now been kept for the purpose in the two reaches above Ankimurru and is issued sparingly for the use of the town, under the orders of Officers of the Department of Public Works.

6. It is emergently necessary that efficient steps should be taken to prevent the inhabitants of the town being deprived of drinking water during the hottest months of the year. The banks of that part of the channel where the water for the purpose is now stored are not yet supplied with trees, and the evaporation will therefore probably be exceedingly rapid in the hot season. I am told that the water there cannot be expected to last beyond the 1st of May, and the difficulty which arises is to provide for the certainty of a water supply during that month. The fresh supply from the Kistna will probably arrive by the 1st June.

7. On a former occasion, great difficulty was experienced from a stoppage of the supply, which, however, was then of short duration. A number of diggings were then made through the Tahsildar so as to relieve the distress.

necessary to facilitate

8. Water of good quality, but rather brackish can be found in many places within the town at an average depth of about eight feet below the surface. A supply of tube pumps such as were employed by the army of the Abyssinian expedition would, it appears to me, be extremely useful at this conjuncture. If you think that such pumps could be obtained from Madras by the Steamer which leaves about the end of the month, there is no doubt that the danger of the occurrence of severe distress from the want of drinking water would be averted and the pumps would serve the same useful purpose on all future occasions. I believe that there will annually be occasions when it will be necessary for the Department of Public Works to close this channel, and as all the wells in the place have become either salt or putrid from want of use, the sudden stoppage will greatly inconvenience the inhabitants who now entirely depend on the water of the Kistna.

9. If such pumps as I have suggested could be kept at the disposal of the Collector, there would not arise in future any such apprehensions of distress as those which it is now my duty to bring to your notice.

(True Copy.)

(Signed) J. A. C. BOSWELL,
Officiating Collector.

The Board regret that no Tube Wells are at present available for the use of the Municipality of Masulipatam. The Board will endeavour to supply one or two in the course of a month.

2. From the Superintending Engineer's letter of the 6th February 1869, No. 150, printed with Government Order, 2nd March 1869, No. 671, they observe that that Officer expresses confidence in the measures he proposes for maintaining the water supply during the hot weather.

3. Government have, it is observed, sanctioned the necessary expenditure.

(A true Copy and Extract.)

(Signed) A. MACGREGOR.
Acting Secretary.

To the Officiating Collector of the Kistna District.

Exd. G. A. Turton.

Public Dept. Proceedings
Read 3 May 1869
No. 3

1869.

Board of Revenue, MADRAS.

Proceedings, 22nd March 1869, No. 1,977.

Received 25 March 1869

Encl.

MARCH.

No. 1,977.

Norton's Tube Wells.—Collector informed that none of —, are at present available for the use of Masulipatam Municipality, and that Government have sanctioned the necessary expenditure for maintaining the water supply during the hot weather.

Rec. 3 May 1869 No 3

R-1218.

Proceedings of the Madras Govt. P.D. &c
Under date the 3rd May 1869.
Read the following
Post of the Board of Revenue
No. 3rd April 1869 No. 2276

In this letter to
Govt dated 6th Feb 1869 No 150
Superintending Engineer
reported that certain
works were necessary
to maintain the regular
supply of water to
Masulipatam during
the hot weather, and
in their order dated
2nd March 1869 No 671,
the Govt sanctioned the
works, on the condition
that the funds for which
they were specially required,
they were in the first
necessary to facilitate

Colonel Moberly

~~has~~

~~is therefore ready to~~

~~take in hand~~

the clearing of the channels.

The first business, should

that in future these works must be carried on

by the Municipality.

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that a the letter from

~~it~~ by Surgeon & the

Collector dated 22 March

1866 Nov 1867 Colonel Moberly

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~~and that the officers~~

~~the Collector will of~~

~~course omit the first~~

~~of the two in reading~~

~~letter~~ A further report

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on the subject by the

Collector without delay

JHB.

To Copy Letter Colonel Moberly Resident Dockyard Esquimalt 3rd Copy 1 Dockyard

1st Class — Mr Superintendent

2nd — " Dockyard

1213

1869 Despatch
R No 1187
Rec: 1974/69

From
The Offg Collector of
Kistna District.

To The Offg Secretary to the
Board of Revenue -
Madras

Dated 26th March
Rec'd 1st April } 1869

No 75

Encl: 1

Good water supply to the
Town of Masulipatam
suggesting that two Norton's
tube wells should be sent
up by the next Steamer
under the circumstances
reported -

Proc. 3rd May 1869 No 53

Copy of Opinion that Tube Wells will in

№ 75 of 1869

Kistna District Collectorate
Masulipatam
26th March 1869

From,

J. A. C. Boswell Esqre,
Offg Collector Kistna District

To, A. MacGregor Esqre,
Acting Secretary to the Board of Revenue
Madras.

Sir,

With reference to the Board's Proceedings dated 22d March 1869 remarking that from the Superintending Engineer's letter of 6th February 1869 № 150, printed with Government Order 2d March 1869 № 671, the Board observed that that Officer expresses confidence in the measures he proposes for maintaining the water supply during the hot weather, I have the honor to forward copy of another letter from the Superintending Engineer dated 22d March 1869 № 387 pointing out that the Rs 1000 sanctioned in the Government Order № 671 dated 2d March 1869 is not granted for supplying water to the Town of Masulipatam, while Government particularly pointed out that they do not undertake to do, and the Superintending Engineer states that he is not prepared to

O. C. B. No 11.

Revenue Department.

№

Proceedings of the Board of Revenue.
dated 5th April. 1869.

Read again Proceedings of the Board
dated 22nd March. 1869. № 1977.
Read also letter from the Collector of
Kistna, dated 26th March. 1869. № 75.

The Board resolve to submit
these papers for the orders of Government.

The Board have requested Colonel Ford to return the Diving apparatus for Norton's Tube Wells from Bangalore, as soon as possible, and when received it will be despatched to Masulipatam with 2 sets of Tubes.
Colonel Ford however writes that he is not of opinion that these wells will in a place like Masulipatam have any advantage over ordinary brick wells, which are easily sunk and will yield more water.

Colonel

Colonel Underhill in his letter of the 22nd March, states that the money sanctioned by Government was not for supplying water and that Government particularly pointed out they did not intend to undertake such supply - the order in question however runs "but in the present "instance they authorize the Superintending "Engineer to carry out the measure he proposes "for keeping up the supply during the "coming dry season".

* * * * * *

and in para 2 the Commissioner are warned "to be prepared to meet the cost "of such arrangements as may be necessary "if they desire to secure a supply of fresh "water from the Kistna Canals in future "years".

(True Extract)

A Mansfield
acting Secretary.

To

The Acting Secretary to
Government. Revenue Department
with Copy of Collector's letter and its enclosure and Copy of Board's Proceedings
Ex. Klingkoffs. dated 22nd March. 1869. No. 1977

No. 2,276.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 5th April 1869.

Read again Board's Proceedings, dated 22nd March 1869, No. 1,977.

Read also the following letter from J. A. C. BOSWELL, Esq., Officiating Collector of the Kistna District, to the Acting Secretary to the Board of Revenue, dated Masulipatam, 26th March 1869, No. 75 :—

WITH reference to the Board's Proceedings, dated 22nd March 1869, remarking that from the Superintending Engineer's letter of 6th February 1869, No. 150, printed with Government Order 2nd March 1869, No. 671, the Board observe that that officer expresses confidence in the measures he proposes for maintaining the water-supply during the hot weather, I have the honor to forward copy of another letter from the Superintending Engineer, dated 22nd March 1869, No. 387, pointing out that the Rupees 1,000 sanctioned in the Government Order, No. 671, dated 2nd March 1869, is not granted for supplying water to the Town of Masulipatam, while Government particularly pointed out that they do not undertake to do, and the Superintending Engineer states that he is not prepared to guarantee a continuous supply of water this year to the Town of Masulipatam, as until the channels are finished it cannot but be precarious. This may prove a very serious emergency if the Town of Masulipatam is to be left in the very hottest part of the season without an adequate supply of water for drinking purposes. I suggested that two Norton's Tube Wells should be sent up by the next steamer, and greatly regret to learn that they are not available. I hope they may be procured and sent up by the next steamer. I would also suggest that it would be advisable, if the Board were to bring the matter to the notice of Government with the view of instructions being issued to the Superintending Engineer, to make any arrangements that are possible to ensure the uninterrupted water-supply of the Town.

ENCLOSURE No. 1.

From Lieutenant-Colonel F. J. MOBERLY, R. E., Superintending Engineer, 2nd Division, to the President, Municipal Commission, dated 22nd March 1869, No. 387.

IN reply to your No. 63, 19th instant, I have the honor to remark that the Rupees 1,000 sanctioned in Government Order, No. 671, 2nd instant, is not granted for supplying water, which the Government particularly point out they do not undertake to do.

2. For the repair of the under-sluices of the anicut and for the clearing off the channels, our simplest procedure would be to open every vent and let the river down, trusting to evaporation and leakage, keeping the water below the works under repair; but to supply Masulipatam, it is necessary to keep the river up above the level of the head sluice floor, and to prevent the water from entering the canals under clearance.

3. It is for these purposes that the Government have sanctioned the above sum, but even with it I am not prepared to guarantee a continuous supply this year; my Range Officers and myself have made every endeavor to carry on the work in clearance of canals, and will do our best to secure the supply; but till the channels are finished it cannot but be precarious.

(True Copy.)

(Signed) J. A. C. BOSWELL,
Officiating Collector.

THE Board resolve to submit these papers for the orders of Government.

2. The Board have requested Colonel Foord to return the driving apparatus for Norton's Tube Wells from Bangalore as soon as possible, and when received it will be despatched to Masulipatam with two sets of Tubes. Colonel Foord, however, writes that he is not of opinion that these Wells will, in a place like Masulipatam, have any advantage over ordinary brick Wells which are easily sunk and will yield more water.

3. Colonel Moberly in his letter of the 22nd March states that the money sanctioned by Government was not for supplying water, and that Government particularly pointed out they did not intend to undertake such supply; the order in question, however, runs:—"But in the present "instance they authorised the Superintending Engineer to carry out the measure he proposes for "keeping up the supply during the coming dry season."

* * * * *

And in paragraph 2 the Commissioners are warned "to be prepared to meet the cost of such "arrangements as may be necessary if they desire to secure a supply of fresh water from the Kistna "Canals in future years."

(True Copies and Extract.)

(Signed) A. MACGREGOR,
Acting Secretary.

To the Acting Secretary to Government, Revenue Department,
with copy of Collector's letter and its enclosure, and copy of Board's Proceedings, dated 22nd March 1869, No. 1,977.
,, the Secretary to Government, Public Works Department.
,, the Officiating Collector of the Kistna District.
,, the President Municipal Commission, Masulipatam.
,, the Superintending Engineer, 2nd Division.
Do. do. 5th do.

Exd. T. Cartledge:

1869.
Board of Revenue,
MADRAS.

PROCEEDINGS, 5TH APRIL 1869, No. 2,276.

Received Encl.

APRIL.
No. 2,276.

Water-supply—to town of Masulipatam in Kistna District,—Letter from Collector, requesting that instructions may be issued to Superintending Engineer, 2nd Division, to make arrangements for maintenance of, during hot weather, submitted for orders of Government.—Collector informed that two Norton's Tube Wells supplied for by him, will be supplied, when Driving Apparatus is received from Bangalore.

Superintending Engr's Office
2d Division Camp Pedda Gunnor
22d March 1869

No 387.

From
Lieutenant Colonel F.J. Moberly R.E.
Superintending Engineer 2d Div.

To
The President
Municipal Commission

Sir,

In reply to your No 63, 19th instant I have the honor to remark that the Rs. 1000 sanctioned in G.O. No 671, 2d instant is not granted for supplying water, which the Government particularly point out they do not undertake to do.

2. For the repair of the under sluices of the anicut and for the clearing off the channels our simplest procedure would be to open every vent, and let the river down trusting to evaporation and leakage keeping the water below the works under repair: but to supply Masulipatam it is necessary to keep the

the river up above the level of the
Head Sluice floor and to prevent the
water from entering the canals under
clearance.

3. It is for these purposes that the
Government have sanctioned the above
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to guarantee a continuous supply this
year, my Range Officers and myself
have made every endeavour to carry on
the work in clearance of canals and
will do our best to secure the supply
but till the Channels are furnished it
cannot but be precarious

I have &c
Signed J. F. J. Moberly Lieut Col R. E.
Sup. & Engr. 2nd Div.

/True copy/
Signed J. H. Bonnell
Offg. Collector

/True copy/

A Macpherson
Ag Secretary

Copd Macpherson
Copd. F.D.

1869. Dept.

In a letter from the
Off.g Collector of
Kistna Dt. dated 26th
March 1869 No. 75.

Rec.d 2/4/69
Trans.d 3d May 1869 No 263.

Copy of a letter from
the Superintending
Engineer 2nd Dn.